



TRAILERS

KEY FEATURES AND TECHNICAL DATA

1 DESIGN AND DURABILITY _____

2 SAFETY AND COMFORT _____

3 FUNCTIONALITY _____





PRONAR is one of Poland's fastest-growing companies. Its machines support the daily operations of farmers, municipal enterprises and the waste management sector in more than 90 countries worldwide. Built over more than 38 years and still based entirely on Polish capital, the PRONAR brand has also become synonymous with quality and reliability among component suppliers. PRONAR sidewall profiles, pneumatic and hydraulic components, axles, running gear systems and disc wheels are used in machines manufactured by the world's leading equipment producers. With annual wheel rim production reaching one million units, the company is currently the European leader and the world's second-largest manufacturer in the low-speed machinery wheel rim sector.

As Poland's largest manufacturer of agricultural, municipal and recycling machinery, PRONAR employs more than 2,500 people, and at its current growth rate the company will soon require several hundred additional employees. Machines and components are manufactured in nine factories located across six towns in the Podlaskie region: Narew, Narewka, Hajnówka, Strabla, Siemiatycze and Białystok. Together, these facilities process approximately 10,000 tonnes of steel every month.



9 production plants and growing



No supply chain disruptions – own component production



Distribution to 90 countries worldwide on 6 continents



Certified Research & Development Centre



Fast service and after-sales



TRAILERS

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01

DROPSIDE TIPPERS

PRONAR dropside tipping trailers are a reliable solution for both agricultural operations and industrial transport. The three-way tipping system enables fast and precise unloading in various directions, making these trailers ideal for a wide range of applications, including the transport of soil, grain and construction materials. The sidewall locking system significantly simplifies loading and unloading operations, saving both time and effort.

36

MONTHS WARRANTY*

* Ask Your local Authorized Dealer and Sales Representative or see PRONAR.PL for more details.



DROPSIDE TIPPERS

1 SINGLE-AXLE TIPPING TRAILERS

T654/1 | T654/2 | T655 | T671

2 DOUBLE-AXLE TIPPING TRAILERS

T653 | T653/1 | T653/2
T672 | T672 ECO | T672/1 | T672/2
PT606 | PT608 | PT610 | PT612 | PT612L
T680 | T680P | T680H

3 THREE-AXLE TIPPING TRAILER

T780

4 TANDEM TIPPING TRAILERS

T663/1 | T663/2 | T663/3 | T663/4
T663/1 (SILO) | T663/2 (SILO) | T663/3 (SILO) | T663/4 (SILO)
PT510 | PT512
T683 | T683P

SPEED
MAXIMUM



25 30 40

CAPACITY



6,2|3,2|2,1|8,2

LOAD CAPACITY



3,5|4,9|2|5,1

DMC



2,9-6,8

TDMC



5,5|6,1|3,5|7,4



PAINT COATING

A high-performance paint finish system with excellent corrosion resistance and durable coating protection safeguards the trailer against weather conditions and UV radiation, extending its service life and maintaining its attractive appearance for years.



SIDEWALLS
GREEN RAL6010



CHASSIS
ANTHRACITERAL
7021



CHASSIS
RED RAL3000



CHASSIS
BLACK RAL9005



SIDEWALLS
ORANGE
RAL2008

(OPTION)
CUSTOM PAINT
FINISH COLOURS
AVAILABLE
ACCORDING
TO THE RAL
CLASSIC COLOUR
SYSTEM.

SINGLE-AXLE MUNICIPAL TRAILER



DROPSIDE TIPPERS

TIPPING TRAILERS

EQUIPMENT (STANDARD)

1 DESIGN AND DURABILITY



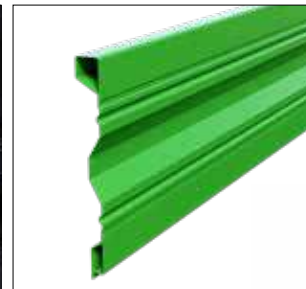
CHASSIS FRAME
rectangular, welded
from closed steel profiles,
ensuring high strength and
resistance to dynamic loads



LOADING BOX
with a universal pendulum
sidewall opening system
facilitates loading and
unloading

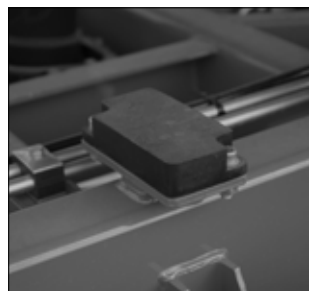


TELESCOPIC CYLINDER of
the three-way tipping system
with hinged suspension
ensures reliable tipping
operation



SIDEWALLS MADE OF
PROFILED SHEET STEEL
manufactured from high-
quality, heavy-duty, laser-
welded pf 500 mm profiles
with robust rear posts,
ensuring durability and
resistance to mechanical
damage

2 SAFETY AND COMFORT



LOADING BOX SUPPORT
POINTS on the frame ensure
stable and even transfer of
the load to the chassis frame



CUT-OFF VALVE
limits the movement of the
loading box, ensuring safety
during unloading



MANUAL BRAKING FORCE
CONTROLLER adjusts the
trailer braking force to the
load and operating conditions



automatic load-sensing
brake force regulator (ALB)
improves: driving safety,
braking stability, uniform
brake system performance



CENTRAL LOCKING SYSTEM
at the bottom of the sidewalls
and tailgate prevents
accidental opening during
transport



(OPTION)
ASSIST SPRINGS
maintain the sidewalls in
a stable position during
opening and closing,
minimizing the risk of
uncontrolled dropping or
accidental closing



REAR HYDRAULIC,
PNEUMATIC AND LIGHTING
CONNECTIONS
enable coupling of an
additional trailer



HYDRAULIC SIDEWALL
UNLOCKING SYSTEM
facilitates and speeds up
unloading

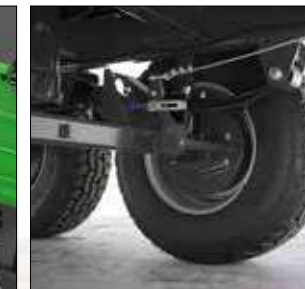
3 FUNCTIONALITY



LOCKING SYSTEM / THE
THREE-WAY TIPPING
SYSTEM of the loading box
with cushioned ball-joint
suspension ensures fast and
convenient unloading in any
direction



GRAIN CHUTE WITH
LOCKING MECHANISM
ensures precise, efficient and
convenient unloading of bulk
materials



HIGH-QUALITY SUSPENSION
AND PRONAR AXLES
provide safe transport even
in demanding operating
conditions



TIPPING DIRECTION
SELECTOR VALVE FOR
Trailer No. 1 or Trailer No. 2
when operating in tandem



PRONAR T680



DROPSIDE TIPPERS

SINGLE-AXLE TIPPING TRAILERS

T654/1 | T654/2 | T655 | T671



(OPTION)
ROLL-UP OR LACED PVC TARPAULIN effectively protects transported materials from rain, snow, wind and dust, while the roll-up mechanism enables quick covering and uncovering of the loading box



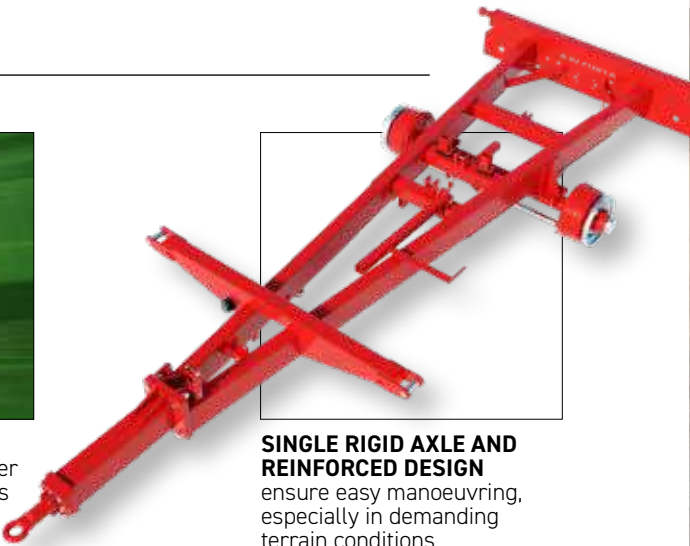
(OPTION)
RIGID REAR BUMPER integrated with the lower frame, lighting system (bulb or LED)



● **GALVANISED SIDEWALL HINGE** connecting the upper and lower sidewall sections



SINGLE RIGID AXLE AND REINFORCED DESIGN ensure easy manoeuvring, especially in demanding terrain conditions



(OPTION)
● **TARPAULIN FRAME WITH FOLDABLE CENTRAL PIPE** provides a stable structure and simplifies operation



PRONAR T654/2

PRONAR single-axle tippers feature a lightweight design and excellent manoeuvrability while maintaining optimum load capacity. They are ideal for smaller farms and for operation in specific terrain conditions. Compared with larger dropside tipper models, single-axle trailers offer a more compact and cost-effective solution.



● **LADDER** facilitates access to the load, improving operational safety and user comfort



● **DRAWBAR SUPPORT with a folding steel support wheel** assists during trailer coupling and ensures stability when parked

PRONAR single-axle trailers are exceptionally manoeuvrable, making them the ideal choice for operation in confined spaces such as narrow roads, farmyards and fields with challenging terrain.



PRONAR T655

The loading box design, featuring additional reinforcements and tightly sealed sidewalls, ensures safe transportation of cargo. The three-way sidewall opening system enables easy loading and unloading, even in difficult terrain conditions.

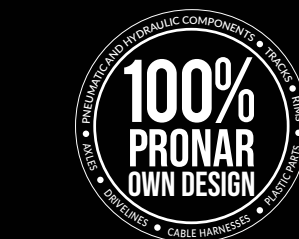
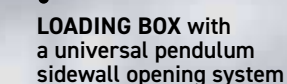


PRONAR T654/2

Ideal for transporting smaller loads, making the trailer highly practical for everyday use. The grain chute and the optional tarpaulin with frame further increase the trailer's versatility.



PRONAR T671





DROPSIDE TIPPERS

DOUBLE-AXLE TIPPING TRAILERS

T653 | T653/1 | T653/2 | T672 | T672 ECO | T672/1 | T672/2 | PT606 | PT608 | PT610 | PT612 | PT612L | T680 | T680P



(OPTION)
**BRAKING SYSTEM WITH
AUTOMATIC LOAD-SENSING
BRAKE FORCE REGULATOR
(ALB)** prevents excessive
wheel lock-up under light
loads and increases braking
efficiency according to the
payload weight



REAR SIDEWALL BUFFER
protects the rear underrun
bar and other trailer
structural components when
the rear sidewall is opened



(OPTION)
SPARE WHEEL WINCH



(OPTION)
TARPAULIN WITH FRAME



● **PT-SERIES LOADING BOX**
with reinforced floor plate,
suitable for EURO pallet
transport

● **TRAPEZOIDAL LOADING
BOX SHAPE**
ensures complete unloading
of the trailer



● **STEERING SYSTEM -
TURNTABLE
WITH ROTATING FRAME**
improves the manoeuvrability
of the tractor-trailer
combination, which is
particularly important in
difficult terrain and confined
spaces

● **TENSIONING SYSTEMS
(CABLES FOR SPLIT
SIDEWALLS OR,
DEPENDING ON THE MODEL,
TENSIONING BARS FOR
NON-SPLIT SIDEWALLS)**
in additional sidewall
extensions made of high-
quality, heavy-duty, laser-
welded PF 600 mm profiles
reinforce the structure,
ensuring the trailer can be
adapted to current operational
requirements and changing
transport needs

● **OPERATOR'S PLATFORM**



(OPTION)
**FULL-WIDTH REAR GRAIN
CHUTE**

PRONAR T680

(OPTION)
**HYDRAULIC LOCKING
SYSTEM**

PRONAR has been manufacturing PT-series double-axle dropside tippers for many years. Available with load capacities of 6, 8, 10 and 12 tonnes, these trailers feature loading boxes designed for EURO pallet transport. In addition to carrying typical agricultural bulk materials, PT-series trailers are widely used in vegetable farming, horticulture, fruit growing and construction-related services.



PRONAR PT612

The trailers can be equipped with automatic hitches, enabling the creation of transport combinations.



2 x PRONAR T680

Thanks to the possibility of installing additional sidewall extensions, the trailer load volume can be increased, making the trailers even more versatile. The trailers can also be equipped with tarpaulins to protect the load from adverse weather conditions.



PRONAR T680



DROPSIDE TIPPERS

DOUBLE-AXLE TIPPING TRAILERS

TECHNICAL DATA:



DANE TECHNICZNE	JEDN.	T653	T653/1*	T653/2*	T672*	T672 ECO*	T672/1**
CoC		✓	✓	✓	✓	✓	✓
Permissible gross vehicle weight	kg	5950	7105	8120	10990	8000	13160
Load capacity	kg	4000	4885	6000	8000	5720	10000
Empty weight	kg	1950	2220	2120	2990	2280	3160
Technically permissible gross vehicle weight	[kg]	5950	7105	8120	10990	8000	13160
Load volume	m³	4,1	8,2	8,2	9,8	4,9	11,8
Loading area	m²	8,2	8,2	8,2	9,8	9,8	9,8
Internal loading box length	mm	4010	4010	4010	4440	4440	4440
Internal loading box width	mm	2010/2060	2010/2060	2010/2060	2190/2240	2190/2240	2190/2240
Overall dimensions							
Length	mm	6140	6160	6160	6455	6590	6455
Width	mm	2230	2230	2390	2390	2390	2390
Height	mm	1585	2150	2150	2243	2160	2500
Loading box sidewall	mm	500	500 + 500	500 + 500	500 + 500	500 + 500	600 + 600
Floor / sidewall thickness	mm	3/2	4/2	4/2	4/2	4/2	5/2,5
Platform height from ground level	mm	1070	1100	1100	1215	1130	1320
Wheel track	mm	1600	1600	1600	1730	1730	1700
Tyre size		10,0/75-15,3	11,5/80-15,3	11,5/80-15,3	400/60-15,5	11,5/80-15,3	15,0/70-18
Design speed	km/h	30	30	30	40	40	30
Telescopic cylinder							
Stroke	mm	1300	1300	1300	1700	1700	1700
Oil requirement	L	8	8	8	13	13	13
Pressure	bar	160	160	160	200	200	200
Minimum tractor power requirement	kM/kW	36,4/26,7	41,6/30,6	46,8/34,4	62,4/45,8	46,8/34,4	72,8/53,5
Loading box tipping angle (rearwards / sideways)	[°]	42/46	42/46	42/46	50/46	50/46	50/46

* The parameter – Permissible Gross Vehicle Weight – may differ from the value stated, depending on legal restrictions applicable in a given market (according to type approval: PL, DE and EU – 18,000 kg).

** This parameter depends on legal restrictions applicable in a given market and on the vehicle configuration and may differ from the value stated.

*** Internal loading box width suitable for EURO pallet transport.



T672/2**	PT606*	PT608*	PT610**	PT612**	PT612L****	T680 ŚCIANY DZIELONE	T680 ŚCIANY NIE DZIELONE	T680P	T680H
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14000	8900	11600	14200	16300	16800	18000*	18000*	18000*	18000*
10290	6000	8460	10290	12135	12000	13100**	13100**	13160**	13160**
3710	2900	3140	3910	4165	4500	4900	4900	4840	4840
14000	8900	11600	14200	16300	16800	20000	20000	20000	20000
11,8	10,1	11	13,2	15,4	15,4	17,2	17,2	19,5	19,5
9,8	10,1	11	11	11	12,8	12,3	12,3	12,7	12,7
4440	4190	4545	4545	4545	5300	5100	5100	5020	5020
2190/2240	2420	2420	2420	2420	2420	2410***	2410***	2420***	2420***
6520 2390 2580	6390 2550 2200	6720 2550 2300	6720 2550 2520	6720 2550 2720	7420 2550 2600	7300 2550 2800	7300 2550 2800	7300 2550 3250	7300 2550 3250
600 + 600	500 + 500	500 + 500	600 + 600	600 + 800	600 + 600	800 + 600	800 + 600	800 + 740	800 + 740
5/2,5	4/2	4/2	5/2,5	5/2,5	4/2,5	5/2,5	5/2,5	5/18	5/18
1345	1160	1220	1270	1270	1360	1390	1390	1390	1390
1700	1900	1900	1900	1900	1960	1960	1960	1900	1900
385/65 R22,5 RE	14.0/65-16	14.0/65 -16	385/65R22,5 RE	385/65 R22,5 RE	385/65R22,5 RE	385/65 R22,5 RE	385/65 R22,5 RE	385/65 R22,5 RE	385/65 R22,5 RE
40	40	40	40	40	40	40	40	40	40
1700 13 200	1540 8 200	1700 13 200	1700 13 200	1980 18 200	1980 18 200	1980 18 200	1980 18 200	1980 18 200	1980 18 200
78/57,3	46,8/34,4	62,4/45,8	78/57,3	89/65,7	89/65,7	109,2/80,3	109,2/80,3	109,2/80,3	109,2/80,3
50/46	50/46	50/46	50/46	50/46	50/46	47/47	47/47	47/47	47/47





DROPSIDE TIPPERS

THREE-AXLE TIPPING TRAILER

T780



- **ASSIST SPRINGS** facilitate opening and closing of the sidewalls



- **PLASTIC MUDGUARDS** mounted behind the front and rear wheels and in front of the rear wheel, corrosion-resistant, easy to remove and resistant to impacts from stones, mud and branches without permanent deformation



- **SPLIT SIDEWALLS (UPPER AND LOWER)** with side tensioning bars and a central post with tensioning cable



- **TWO THREE-WAY TIPPING CYLINDERS** with hinged suspension tipping angle 47° rearwards, 45° sideways



- (OPTION) **FULL-LENGTH FOLDING LEFT- OR RIGHT-SIDE GRAIN CHUTE** ensures precise, efficient and convenient unloading of bulk materials

(OPTION)
800 mm **SIDEWALL EXTENSIONS**



- **DRAWBAR STEP**

PRONAR T780

PRONAR three-axle trailers are an excellent solution for large farms, construction companies and transport operators requiring reliable, efficient and versatile equipment for handling large and heavy loads. The three-axle design allows significantly heavier and larger loads to be transported compared to single-axle and double-axle models. The increased loading box capacity enables more goods to be transported in a single trip, resulting in time and cost savings.

- **BRAKING SYSTEM** with automatic load-sensing brake force regulator (ALB)

The three-way tipping function enables fast and convenient unloading in any direction, which is particularly useful on construction sites and in the field.



PRONAR T780

- (OPTION) **GRAIN CHUTE SLIDE GATE** in the left or right sidewall



PRONAR T780



DROPSIDE TIPPERS

THREE-AXLE TIPPING TRAILER



TECHNICAL DATA		UNIT	T780
 CoC			✓
 Permissible gross vehicle weight	[kg]		24000*
 Load capacity	[kg]		16300**
 Empty weight	[kg]		7700
 Technically permissible gross vehicle weight	[kg]		27000
 Load volume (without extensions)	[kg]		26
 Loading area	[m³]		18.55
Internal loading box length (bottom/top)	[m²]		7696
Internal loading box width	[mm]		2410***
Overall dimensions			
Length	[mm]		10087
Width			2548
Height			2800
Internal loading box height	[mm]		800 + 600
Floor / sidewall thickness	[mm]		5/2.5
Platform height from ground level	[mm]		1390
Wheel track	[mm]		1960
Tyre size	[kg]		385/65 R22,5 RE
Design speed	[km/h]		40
Telescopic cylinder			2 cylindry
Stroke	[mm]/[L]/[bar]		2990
Oil requirement			64
Pressure			200
Minimum tractor power requirement	[KM/kW]		150/110.2
Loading box tipping angle (rearwards / sideways)	[°]		47/45



ROLL-UP TARPAULIN
● effectively protects transported materials, while the roll-up mechanism improves operator access and handling of the loading box

SIDEWALL EXTENSIONS
● increase load volume and transport capacity

TYPE-APPROVED LIGHTING BAR
●



DROPSIDE TIPPERS

TANDEM TIPPING TRAILERS

T663/1 | T663/2 | T663/3 | T663/4 | T663/1 (SILO) | T663/2 (SILO) | T663/3 (SILO) | T663/4 (SILO) | PT510 | PT512 | T683 | T683P



• **HYDRAULICALLY LIFTED REAR WALL** with automatic pressure locking and locking mechanism ensures convenience, precision and operational safety, facilitates handling in various conditions and improves unloading efficiency, especially when transporting grain, sand or forage



(OPTION) **FRONT PLATFORM MOUNTED ON THE FRONT WALL**, providing safe access to the tarpaulin



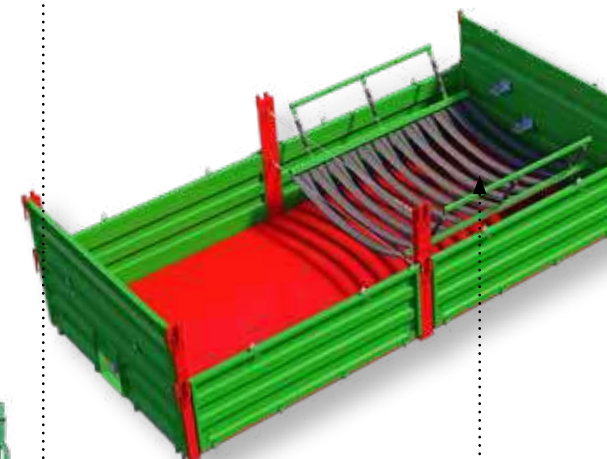
(OPTION) **INSPECTION WINDOW** in the front wall



(OPTION) **SPARE WHEEL WINCH** facilitates maintenance work in the event of a breakdown



• **SIDEWALL EXTENSIONS** made of high-quality, heavy-duty, laser-welded PF 600 mm profiles, increasing the load volume, strength and durability of tandem trailers



(OPTION) **POTATO DROP CUSHION** in the form of suspended rubber belts (requires sidewall extensions)

PRONAR T663/1 (SILO)

Silo trailers provide the optimum combination of maximum load capacity, stability and smooth operation in difficult terrain while minimising ground pressure. These trailers feature higher permissible gross vehicle weight and load capacity compared with single-axle models. Suspended drawbars and spring suspension improve operating comfort.

• **HYDRAULIC SCISSOR-TYPE DRAWBAR SUPPORT** with movable foot and hydraulic safety lock enables quick and efficient positioning of the trailer in its working position



PRONAR PT510

A wide range of wheel sizes and tyre options allows the machine to be optimally configured for different operating conditions. Properly selected configurations ensure stability, traction and high efficiency both in demanding terrain and on paved surfaces.



PRONAR T663/1

Rubber shock-absorbing pads (T683) reduces vibrations and loads transferred to the tractor and operator during transport and field work. It improves operating comfort, enhances machine stability and reduces component wear, resulting in safer and more efficient operation.



PRONAR T683



DROPSIDE TIPPERS

TANDEM TIPPING TRAILERS

TECHNICAL DATA:



	TECHNICAL DATA:	UNIT	T663/1	T663/1 (SILO)	T663/2	T663/2 (SILO)	T663/3
	CoC	—	✓	✓	✓	—	—
	Permissible gross vehicle weight	[kg]	13290	13400	9700*	9700	13660
	Load capacity	[kg]	10000**	9775	7000*	6600	10000**
	Empty weight	[kg]	3290**	3625	2700*	3100	3660**
	(Technically) permissible Gross vehicle weight	[kg]	14000	14000	11000	11000	14000
	Load volume (without extensions)	[m³]	11,8**	15.7	9.8*	15.7	11,8**
	Loading area	[m²]	9.8	9.8	9.8	9.8	9.8
	Internal loading box length (bottom/top)	[mm]	4440	4440	4440	4440	4440
	Internal loading box width	[mm]	2190/2240	2190/2240	2190/2240	2190/2240	2190/2240
	Overall dimensions						
	Length	[mm]	6116	6116	6121	6121	6154
	Width		2390	2500	2390	2500	2390
	Height		2484**	3150	2094*	2975	2579
	Internal loading box height	[mm]	600 + 600**	600 + 500 + 500	500 + 500	600 + 500 + 500	600 + 600
	Floor / sidewall thickness	[mm]	5/2.5	5/2.5	4/2	4/2	5/2.5
	Platform height from ground level	[mm]	1250	1250	1060	1075	1320
	Wheel track	[mm]	1700	1700	1650	1650	1700
	Suspension		Leaf springs	Leaf springs	Parabolic springs	Parabolic springs	Leaf springs
	Drawbar eye load	[kg]	1860	1860	1465	1465	1880
	Tyre size		15,0/70-18	15,0/70-18	11,5/80-15,3	400/60-15,5	385/65R22,5 RE
	Design speed	[km/h]	30	30	30	30	40
	Telescopic cylinder						
	Stroke	[mm]	1700	1700	1700	1700	1700
	Oil requirement	[L]	13	13	13	13	13
	Pressure	[bar]	200	200	200	200	200
	Minimum tractor power requirement	[KM/kW]	67.6/49.7	67.6/49.7	57.2/42	57.2/42	72.8/53.5
	Loading box tipping angle (rearwards / sideways)	[°]	50/46	50/46	50/46	50/46	50/46

* Data applies to the trailer configuration with sidewalls of 500 + 500 mm.
** Data applies to the trailer configuration with sidewalls of 600 + 600 mm.



T663/3 (SILO)	T663/4	T663/4 (SILO)	PT510	PT512	T683 (SPLIT SIDEWALLS)	T683 (NON-SPLIT SIDEWALLS)	T683P
—	✓	✓	✓	✓	✓	✓	
14000	14000	14000	14200	16260	20000*	20000*	20000*
10005	10420**	10085	10150*	12000*	15120**	15120**	15360**
3995	3580**	3915	4050*	4260*	4880	4880	4640
14000	14000	14000	15000	17000	20000	20000	20000
15.7	11,8**	15.7	13.2*	15.4*	17.3	17.3	17.3
9.8	9.8	9.8	11	11	12.3		12.3
4440	4440	4440	4545	4545	5100	5100	5250
2190/2240	2190/2240	2190/2240	2420**	2420**	2420***	2420***	2420***
6154 2500 3220	6230 2390 2445**	6230 2500 3085	6139 2550 2452	6139 2550 2652	6800 2550 2790	6800 2550 2790	6800 2550 2790
600 + 500 + 500	600 + 600	600 + 500 + 500	600 + 600	600 + 800	800 + 600	800 + 600	800 + 740
5/2.5	5/2.5	5/2.5	5/2.5	5/2.5	5/2.5	5/2.5	5/2.5
1320	1185	1185	1250	1252	1350	1350	1350
1700	1800	1800	1900	1900	1960	1960	1960
Leaf springs	Parabolic springs	Parabolic springs	Parabolic springs	Parabolic springs	Parabolic springs	Parabolic springs	Parabolic springs
1920	2000	2000	1700	1950	2000	2000	2000
385/65R22,5 RE	15,0/70-18	15,0/70-18	385/65R22,5 RE	385/65R22,5 RE	385/65 R22,5 RE	385/65 R22,5 RE	385/65 R22,5 RE
40	30	30	40	40	40	40	40
1700 13 200	1830 15 200	1830 15 200	1700 15 200	1980 18 200	1980 18 200	1980 18 200	1980 18 200
72.8/53.5	67.6/49.7	67.6/49.7	74/54.4	84/61.7	104/76.4	104/76.4	104/76.4
50/46	50/45	50/45	50/46	50/46	50/46	50/46	50/46



Learn more





DROPSIDE TIPPERS

TIPPING SYSTEM



THE THREE-WAY LOADING BOX TIPPING SYSTEM
enables efficient unloading in locations with limited access, increases operational flexibility and speeds up the unloading process.



40°-46°
SIDE TIPPING ANGLE

40°-46°
SIDE TIPPING ANGLE

45°-50°
REAR TIPPING ANGLE

TIPPING OPTIONS – LOAD DISCHARGE



SIDE WALL OPENING
provides quick access to the entire loading box area, facilitating the loading of larger or non-standard cargo such as pallets, hay bales or machinery



PARTIAL SIDE WALL OPENING
provides quick access to the entire loading box while maintaining control of the load and preventing uncontrolled spillage



REAR WALL OPENING
allows fast and convenient unloading of bulk materials such as grain, sand and gravel



PARTIAL REAR WALL OPENING
facilitates controlled discharge of the load and helps prevent accidental spillage



PARTIAL SIDE WALL OPENING
allows part of the load to be removed conveniently without exposing the remaining material to accidental spillage or damage



PARTIAL OPENING OF ONE SIDE WALL
allows unloading without the need to empty the entire trailer



GRAIN CHUTE SLIDE GATE WITH LOCKING MECHANISM AND UNLOADING CHUTE FOR PRECISE DISCHARGE
enables accurate and controlled unloading of bulk materials such as grain, fertilisers and feed into smaller containers, machines or conveyor systems



GRAIN CHUTE SLIDE GATE WITH LOCKING MECHANISM AND WIDE UNLOADING CHUTE facilitates even and wide distribution of materials over a larger area, particularly useful during field and construction work



SIDE WALL OPENING
The loading box of the PRONAR T680P is equipped with a left portal side wall (side-hinged and drop-side type), non-split, with a central post (1,540 mm high), and a right drop-side wall with a central post, split into two sections (800 mm + 740 mm high).



HYDRAULIC SIDE WALL OPENING
The hydraulic



HYDRAULIC REAR WALL OPENING
The hydraulic rear wall opening system on the PRONAR T663/1 (SILO) eliminates the need for manual unlocking and opening of the rear wall, speeds up the unloading process and is particularly beneficial when transporting bulk materials such as silage, grain or fertilisers.



HITCH TYPES



1 DRAWBAR TYPES

STRAIGHT DRAWBAR



STRAIGHT DRAWBAR
with rigid hitch and
overrun brake



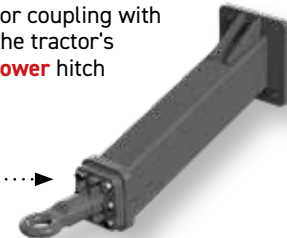
RIGID DRAWBAR

• for coupling with the tractor's
upper hitch



RIGID DRAWBAR

• for coupling with the tractor's
lower hitch



"Y" DRAWBAR
with rigid hitch
and Ø40 mm towing eye



„V" DRAWBAR



2 DRAWBAR HITCHES



Rigid K80
Ball Hitch



Rigid Hitch
with Ø40 mm
Towing Eye



Rigid Hitch
ROCKINGER
with Ø50 mm
Towing Eye



Rigid Hitch
with Ø50 mm
Towing Eye



Rotary Hitch
with Ø50 mm
Towing Eye



Rotary Hitch
with Ø70 mm
Towing Eye



36 MONTHS WARRANTY*

02 MONOCOQUE TRAILERS

Designed for transporting bulk materials. Their high level of tightness results from the specialised loading box design, making them ideal even for transporting fine-grain materials such as rapeseed. The trapezoidal shape and smooth interior facilitate unloading while protecting transported agricultural products such as potatoes and sugar beet. Two-way or three-way tipping systems can be fitted, making unloading easier in low buildings and storage facilities.



MONOCOQUE TRAILERS

1 TANDEM TIPPING TRAILERS

T669 | T669/1 | T669XL

T679 | T679M

T700 | T700M | T700M/1 | T700XL

T5514T

T5514 | T6016 | T6718

2 TRIDEM TIPPING TRAILERS

T682 | T8724

T7728NA

SPEED
MAXIMUM



CAPACITY



BASE
WITH SIDEWALL
EXTENSIONS

15,0|15,0|22,6
up to 28

10,3|13,2
up to 15,8

23,0|23,0|23,0|26,6
up to 35

13
33

19|20,5|23
up to 35

22|29
up to 45

30
53

LOAD CAPACITY



14,1|13,7|15,8

12,0|12,0

14,4|16,1|15,7|14,7

14,9

14,2|14,8|17,2

21|22,8

28

DMC



20|20|21

16,0|16,2

21,0|23,0|23,0|21,0

18

18|18|20

30|33

38,6

TDMC



21|21|21

16|16

24,0|24,0|25,3|23,0

21

22|24|27

33|35

39

PAINT COATING

A high-performance paint finish system with excellent corrosion resistance and durable coating protection safeguards the trailer against weather conditions and UV radiation, extending its service life and maintaining its attractive appearance for years.



SIDEWALLS
GREEN RAL6010



CHASSIS
ANTHRACITERAL
7021



SIDEWALLS
CHASSIS
RED RAL3000

(OPTION)
CUSTOM PAINT
FINISH COLOURS
AVAILABLE
ACCORDING
TO THE RAL
CLASSIC COLOUR
SYSTEM.

PRONAR T700XL



MONOCOQUE TRAILERS

EQUIPMENT (STANDARD)

1 DESIGN AND DURABILITY



MONOCOQUE LOADING BOX ensures excellent tightness and durability, allowing many years of operation in demanding conditions



CHASSIS FRAME made of closed steel profiles, ensuring high structural rigidity



TELESCOPIC TIPPING CYLINDER with hinged suspension and a **SERVICE SUPPORT**, which secures the loading box during maintenance work



TWO-LINE PNEUMATIC BRAKING SYSTEM with manual **BRAKING FORCE CONTROLLER**, ensuring effective trailer braking and allowing the braking force to be adjusted to the load

2 SAFETY AND COMFORT



ACTIVE AXLE STEERING SYSTEM significantly improves trailer manoeuvrability, increasing operator comfort and transport safety



SUSPENSION TANDEM OR TRIDEM improves stability and driving comfort



PASSIVE STEERING SYSTEM with rear axle lock during reversing, improving manoeuvrability when driving forward, stabilising the trailer during reversing and helping to reduce tyre wear



TWO-LINE PNEUMATIC BRAKING SYSTEM WITH ALB where the automatic load-sensing brake force regulator automatically adjusts braking force according to the trailer load



GRAIN CHUTE SLIDE GATE with locking mechanism in the rear wall enables precise and controlled unloading of bulk materials



DRAWBAR SUSPENSION available in different versions depending on the model (five types: spring, hydraulic, pneumatic, rubber pads and leaf spring), improving driving stability, particularly on uneven terrain



SUPPORT LEGS provide stable support for the machine when parked, increasing operational safety and facilitating trailer coupling



INDEPENDENT HYDRAULIC SYSTEM (T682) with its own pump and oil tank, supplying power to the trailer's hydraulic functions without the need to use the tractor's hydraulic system (OPTION T5514, T6016, T6718, T8724)

3 FUNCTIONALITY



UNIVERSAL DRAWBAR compatible with various hitch types, ensuring broad compatibility with different tractors



HYDRAULICALLY LIFTED TAILGATE equipped with automatic pressure locking and locking mechanism



(OPTION) **PLATFORM** provides stable access to the loading box, improving safety and operating ergonomics



(OPTION) **STEEL SIDEWALL EXTENSIONS** increase load volume



PRONAR T669



MONOCOQUE TRAILERS

TANDEM TIPPING TRAILERS

T669 | T669/1 | T669XL | T679 | T679M | T700 | T700M | T700M/1 | T700XL



MONOCOQUE LOADING BOX with profiled sidewalls and reinforcing ribs on both sides
T700



MONOCOQUE LOADING BOX with diagonal reinforcing ribs on each side
T669 | T669/1 | T679



MONOCOQUE LOADING BOX with profiled sidewalls and reinforced upper edge
T669XL | T679M | T700M | T700XL | T700M/1



MONOCOQUE LOADING BOX equipped with a PLEXI inspection window and sidewall steps, while its robust steel structure ensures durability and ease of operation



• **PLEXI WINDOWS AND A FOLDING LADDER** on the front wall of the loading box allow monitoring of the load during transport

• **TANDEM SUSPENSION** with 4 parabolic springs and equalising rockers improves driving stability by ensuring even load distribution during transport

• **METAL MUDGUARD MOUNTED ABOVE THE WHEELS**, providing protection around the axle area

• **MONOCOQUE LOADING BOX** with profiled sidewalls and reinforced upper edge, providing exceptional strength and durability



HYDRAULICALLY LIFTED REAR WALL with automatic pressure locking and locking mechanism, controlled from the tractor cab



PRONAR T700XL

(OPTION)
PF 600 mm STEEL SIDEWALL EXTENSIONS
increase load volume from 26.6 m³ to 34.8 m³

(OPTION)
PASSIVELY STEERED REAR AXLE with hydraulic steering lock system

TYRES
385/65R22,5; 445/65R22,5; 550/60-22,5; 560/60R22,5
600/50R22,5; 600/55-225; 600/55R225; 620/50R22,5;
650/50R22.5 (trailer width exceeds 2,550 mm)

The **PRONAR T669XL** loading box, with a capacity of 22.6 m³ and 30.3 m³ with extensions, ensures high transport efficiency while maintaining machine stability.



PRONAR T669XL

The **PRONAR T700XL** trailer features a centrally locked rear wall, ensuring tightness even when transporting fine grains. The advanced hydraulic system enables efficient unloading, reducing operating time and increasing transport efficiency. The rear tipping angle is 55°.



PRONAR T700XL

The **PRONAR T700/1** trailer is equipped with a monocoque loading box featuring profiled sidewalls, reinforced upper sidewall edges and a tipping function to the rear and to the right side, with two hydraulically clamped flaps on the right-hand side.



PRONAR T700M/1



MONOCOQUE TRAILERS

TANDEM TIPPING TRAILERS

T5514T | T5514



• **12V LIGHTING SYSTEM (PRONAR LED)** with sealed connections and clearance lights

ALUMINIUM MUDGUARDS covering the wheels from above, with mud flaps behind the rear wheel and in front of the front wheel



• **MONOCOQUE LOADING BOX** with profiled sidewalls and three diagonal reinforcing ribs on each side, ensuring high structural rigidity and resistance to deformation



(OPTION) **400 mm ALUMINIUM SIDEWALL EXTENSIONS** sliding into steel posts connected by crossbars or tensioning cables, increasing load volume



(OPTION) **SIDE-ROLL TARPAULIN** with belt tensioners, frame, foldable central pipe and wide front platform (available only for versions without extensions or with 400 mm extensions)



• **LARGE INSPECTION WINDOW** with protective grating and PLEXI cover in the front wall of the loading box and, optionally, extensions, facilitating load monitoring



• **FOLDING LADDER AND SIDEWALL STEPS** facilitate access to the loading box



PRONAR T5514

HINGED REAR APRON LONG "FR-TYPE" LIGHTING BAR (without the possibility of fitting a rear hitch), equipped with protective grilles preventing damage to the rear lamps

TANDEM SUSPENSION with 4 parabolic springs, equalising rockers and a wheelbase of 1360 mm

TYRES
385/65R22,5; 445/65R22,5; 550/60-22,5; 560/60R22,5; 600/50R22,5; 600/55-225; 600/55R225; 620/50R22,5; 650/50R22,5 (trailer width exceeds 2,550 mm)

• **DRAWBAR WITH STEEL SPRING SUSPENSION** with height adjustment, suitable for coupling to the tractor's upper or lower hitch, reducing vibrations during transport

(OPTION) **PASSIVELY STEERED REAR AXLE** with hydraulic steering lock system

The **PRONAR T5514T** is equipped with inspection windows in the sidewalls and a low-mounted loading platform, facilitating operation and monitoring of the transported material.



PRONAR T5514T

PRONAR T5514 ALUMINIUM SIDEWALL EXTENSIONS with a height of 800 mm (400 + 400 mm) increase the loading box capacity to 29 m³, enabling efficient transport of agricultural products and bulk materials.



PRONAR T5514



PRONAR T5514



MONOCOQUE TRAILERS

TANDEM TIPPING TRAILERS

T6016 | T6718



HYDRAULICALLY LIFTED REAR WALL with automatic pressure locking and locking mechanism



• **800 mm SIDEWALL EXTENSIONS (400 + 400 mm)** increase load volume



STEEL TENSIONING ELEMENTS reinforce the loading box structure, reducing deformation under heavy loads



• **LARGE INSPECTION WINDOW** with protective grating and PLEXI cover in the front wall of the loading box facilitates load inspection



(OPTION)
HYDRAULIC TARPAULIN



• **MONOCOQUE LOADING BOX** with profiled sidewalls, reinforced upper edge, reinforced ribs and lower embossing



PRONAR T6718

(OPTION)
PASSIVELY STEERED REAR AXLE with hydraulic steering lock system (two hydraulic lines for connection to the tractor hydraulic system)

TANDEM SUSPENSION with 4 parabolic springs load capacity up to 20 t 40 km/h speed

(OPTION)
HYDRAULIC FOLDING DRAWBAR SUPPORT with shut-off ball valve

(OPTION)
WHEELS:
600/50R22,5;
600/55R22,5;
620/50R22,5;
600/55R26,5;
650/55R26,5;
710/50R26,5;
600/60R30,5;
710/50R30,5

The **PRONAR T6718** is a modern monocoque trailer on a tandem chassis, designed for intensive agricultural use.



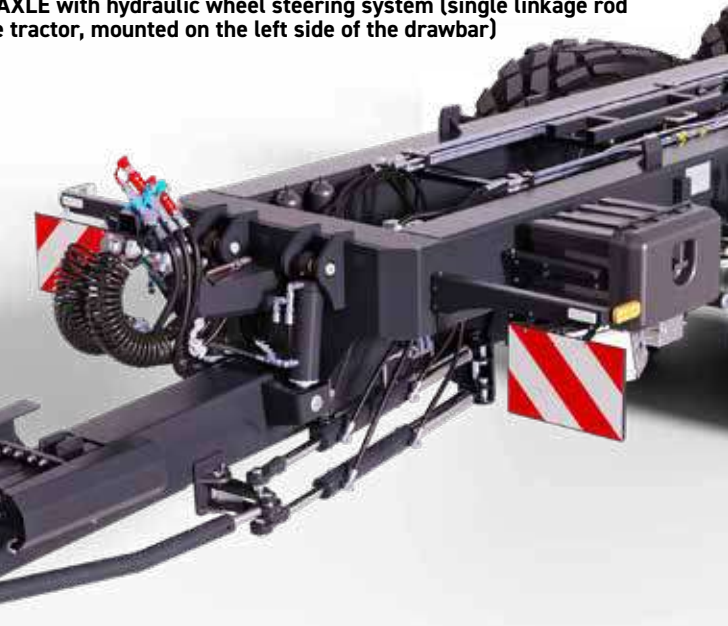
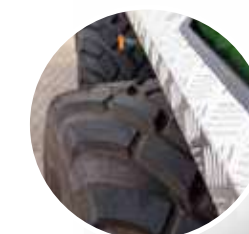
PRONAR T6718

400 mm ALUMINIUM SIDEWALL EXTENSIONS made of lightweight aluminium sheets sliding into steel posts connected by steel crossbars; increase the load volume to 29 m³



PRONAR T6718

(OPTION)
• **ACTIVELY STEERED REAR AXLE** with hydraulic wheel steering system (single linkage rod connecting the trailer to the tractor, mounted on the left side of the drawbar)





MONOCOQUE TRAILERS

TRIDEM TIPPING TRAILERS

T682 | T8724



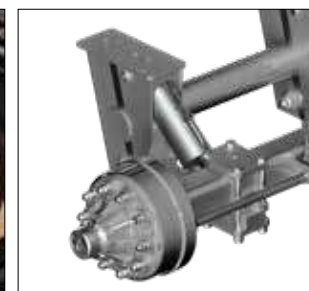
CENTRAL HYDRAULIC SYSTEM WITH CONTROL VALVE

- for hydraulic drawbar suspension and drawbar height adjustment;
- for hydraulically lifting the rear wall with automatic pressure locking and locking mechanism;
- for hydraulic tipping of the loading box with an automatic tipping angle limiting valve;
- for switching the trailer work lights on and off



REMOTE CONTROL UNIT

for operating the control valve from the tractor cab (T8724 ONLY)



- (OPTION) **TRIDEM HYDRAULIC SUSPENSION** with six steel half-leaf springs, a rigid centre axle and two actively steered axles, improving driving characteristics and allowing suspension height adjustment



- **FOLDING LADDER AND SIDEWALL STEPS** facilitate access to the loading box



- (OPTION) **HYDRAULIC PUMP** mounted directly on the tractor

- (OPTION) **REVERSING CAMERA**

- **PERFORATION** in the front sidewall extension with PLEXI cover

- **MONOCOQUE LOADING BOX** with profiled sidewalls, five diagonal reinforcing ribs on each side, reinforced upper edge and internal tensioning cables

- **HYDRAULIC DRAWBAR SUSPENSION**

- **SCISSOR-TYPE DRAWBAR SUPPORT** with hydraulic lock

- **AXLE 1 AND 3 ACTIVELY STEERED** (OPTION) – PASSIVELY STEERED

PRONAR T8724

800 mm ALUMINIUM SIDEWALL EXTENSIONS (400 + 400 mm) made of lightweight aluminium sheets, sliding into steel posts and connected by crossbars or tensioning cables, increasing the load volume to 45 m³

TYRES
600/50R22,5; 600/55-225; 600/55R22,5; 620/50R22,5; 600/55-26,5; 600/55R26,5; 700/50-26,5; 710/45-26,5; 710/50R26,5 (trailer width exceeds 2,550 mm)

The **PRONAR T8724** trailer can be equipped with a side-roll tarpaulin with belt tensioners, frame and wide front platform, or with a front-to-rear sliding hydraulic tarpaulin (available only with 400 mm sidewall extensions).



The **PRONAR T8724** trailer is designed for the largest farms requiring maximum productivity and operational efficiency.





MONOCOQUE TRAILERS

TRIDEM TIPPING TRAILERS

T7728NA



DRAWBAR WITH LEAF SPRING SUSPENSION and PARKING BRAKE



MONOCOQUE LOADING BOX with profiled sidewalls and diagonal reinforcing ribs



GRAIN CHUTE SLIDE GATE with locking mechanism (OPTION)
3 GRAIN CHUTE SLIDE GATES



HYDRAULICALLY OPENING FRONT WALL EXTENSION



LARGE PLEXI WINDOW in the front wall of the loading box



HYDRAULICALLY LIFTED REAR WALL with four mechanical locking points and hydraulic locks on the cylinders



SIDEWALL EXTENSION BUFFER PROTECTS THE LOADING BOX

- **1,000 mm STEEL SIDEWALL EXTENSIONS** with openings and diagonal reinforcing ribs on each side, made of 2 mm thick steel sheet; side sections fold down sideways and increase the load volume to 53 m³



ALUMINIUM MUDGUARD with mud flaps



PRONAR T7728na

- **MECHANICAL TRIDEM SUSPENSION** (design load capacity: 42 tonnes); parabolic springs; wheelbase 1,600 mm; axles: front and centre axles rigid, rear axle steered (passively steered) with hydraulic steering lock system (two hydraulic lines for connection to the tractor hydraulic system)

- (OPTION) **AUTOMATIC STEERING LOCK FOR THE PASSIVELY STEERED AXLE**

- (OPTION) **TYRES 800/45R26.5** (trailer width exceeds 3,300 mm)

DRAWBAR WITH LEAF SPRING SUSPENSION

- **SCISSOR-TYPE DRAWBAR SUPPORT** with hydraulic lock



MONOCOQUE TRAILERS

TECHNICAL DATA:



TECHNICAL DATA:		UNIT	T669	T669/1	T669XL	T679	T679M	T700
CoC			✓	✓	✓	✓	✓	✓
Permissible gross vehicle weight		[kg]	18000	18000	18000	14000	14000	18000
Load capacity		[kg]	14140	13690	15800	12000	11800	14430
Empty weight		[kg]	5860	6310	5200	4000	4200	6570
Technically permissible gross vehicle weight			21000	21000	21000	16000	16000	21000
Load volume with extensions / without extensions		[m³]	28 or 23 / 15	23 / 15	30,3 / 22,6	15,8 / 10,3	19,3 / 13,2	34,3 / 23
Loading area		[m²]			13,5	10	10,4	14,7
Internal loading box length		[mm]	5500 / 5700	5500 / 5700	5700	4500	4800	6694
Internal loading box width		[mm]	2200/2250	2200/2250	2240/2300	2200 / 2250	2140 / 2200	2180 / 2240
Overall dimensions								
Length		[mm]	7300	7300	7760	6259	6797	8730
Width			2550	2550	2550	2550	2550	2550
Height			3150	3150	2930	2866	2460	3900
Loading box sidewall height [mm]		[mm]	1200 + 600	1200 + 600	1200 + 600	1000 + 580	1200 + 600	1500 + 830
Floor / sidewall thickness		[mm]	5 / 4	5 / 4	4 / 4	5 / 4	4 / 4	4 / 4
Platform height from ground level		[mm]	1350	1350	1180	1240	1260	1475
Wheel track		[mm]	1960	1960	1960	1860	1960	2000
Drawbar eye load			2000	2000	3000	2000	1950	3000
Suspension:			Parabolic springs	Parabolic springs	Parabolic springs	Parabolic springs	Parabolic springs	Parabolic springs
Design speed		[km/h]	40	40	40	40	40	40
Tipping system:			Single-side	Two-side	Single-side	Single-side	Single-side	Single-side
Telescopic cylinder								
Stroke			2990	2990	2990	1980	1700	2990
Oil requirement			29	29	29	18	13	40
Pressure			200	200	200	200	200	200
Minimum tractor power requirement		[KM/kW]	104/76.4	104/76.4	104/76.4	83.2/61	83.2/61	124.8/91.7
Loading box tipping angle (rearwards / sideways)		[°]	50	55 rearwards / 45 sideways	50	50	50	55



T700M	T700M/1	T700XL	T5514T	T5514	T6016	T6718	T682	T8724	T7728NA
✓	✓	✓	✓	✓	✓	✓	✓	✓	-
18000	18000	18000	18000	18000	18000	20000	30000	30000	38600
14090	15740	14700	14900	14200	14850	17300	24000	22800	28000
6910	7260	6300	6100	5800	6200	6700	9000	10200	10600
21000	23000	21000	21000	22000	24000	27000	33000	35000	39000
35 / 23	35 / 32 / 23	34,8 / 26,6	33/13	29/19	31/20,5	29 or 35 / 23	35 or 32 / 22	45 or 37 / 29	30 / 53'
14,7	15,2	13,7					17,8		
6694	6700	6700	5530	5500	6000	6700	8000	8700	7700
2242 / 2302	2230 / 2300	2240 / 2300	2240/2300	2240/2300	2240/2300	2240/2300	2200 / 2250	2240 / 2300	2900 / 3000
8780 2650 3750	8610 2670 3020	8750 2550 3040	7340 2550 3740	7500 2550 3390	8100 2550 3500	8750 2550 3550	9900 2550 2660	10550 2750 3690	9800 3300 3830
1500 + 800	1,500 + 800 or 600	1750 + 600	1800 + 800	1500+400 +400	1500+400 +400	1500 + 400 + 400	1200	1500 + 400 + 400	1330 + 1000
4 / 4	4 / 4	4 / 4	4 / 3	5 / 4	5 / 4	5/4	5 / 4	5 / 4	5 / 4
1450	1520	1290	1140	1330	1440	1500	1495	1500	1500
2100	2100	1960	1980	2060	1980	1980	2100	2000	2500
3000	4000	3000	3000	2000	3000	4000	3000	3000	3000
Parabolic springs	Parabolic springs	Parabolic springs	Bogie	Parabolic springs	Parabolic springs	Parabolic springs	Parabolic springs	Parabolic springs	Parabolic springs
40	40	40	40	40	40	40	40	40	40
Single-side	Two-side	Single-side	Single-side	Single-side	Single-side	Single-side	Single-side	Single-side	Single-side
2990 40 200	2990 40 200	2990 40 200	2400 29 200	2400 29 200	2400 35 200	2990 40 200	2990 72 200	3250 75 200	3180 50 200
136.7/100.5	136.7/100.5	136.7/100.5	104/76.4	100/74	125/92	140/103	182 / 133.8	182/133.8	200 / 147
55	55 rearwards / 35 sideways	55	50	50	55	55	50	50	55



Learn more





DRAWBAR SUPPORTS



1 MECHANICAL



STRAIGHT WITH LOCKING PIN



STRAIGHT WITH SINGLE-STAGE GEARBOX



TELESCOPIC WITH TWO-STAGE GEARBOX



TELESCOPIC WITH FOLDING STEEL SUPPORT WHEEL

2 SWIVELLING



DRAWBAR SUPPORT FOOT (REMOVABLE)

3 STRAIGHT HYDRAULIC



STRAIGHT HYDRAULIC



STRAIGHT HYDRAULIC WITH SHUT-OFF BALL VALVE

4 HYDRAULIC SCISSOR-TYPE



SCISSOR-TYPE WITH SHUT-OFF BALL VALVE

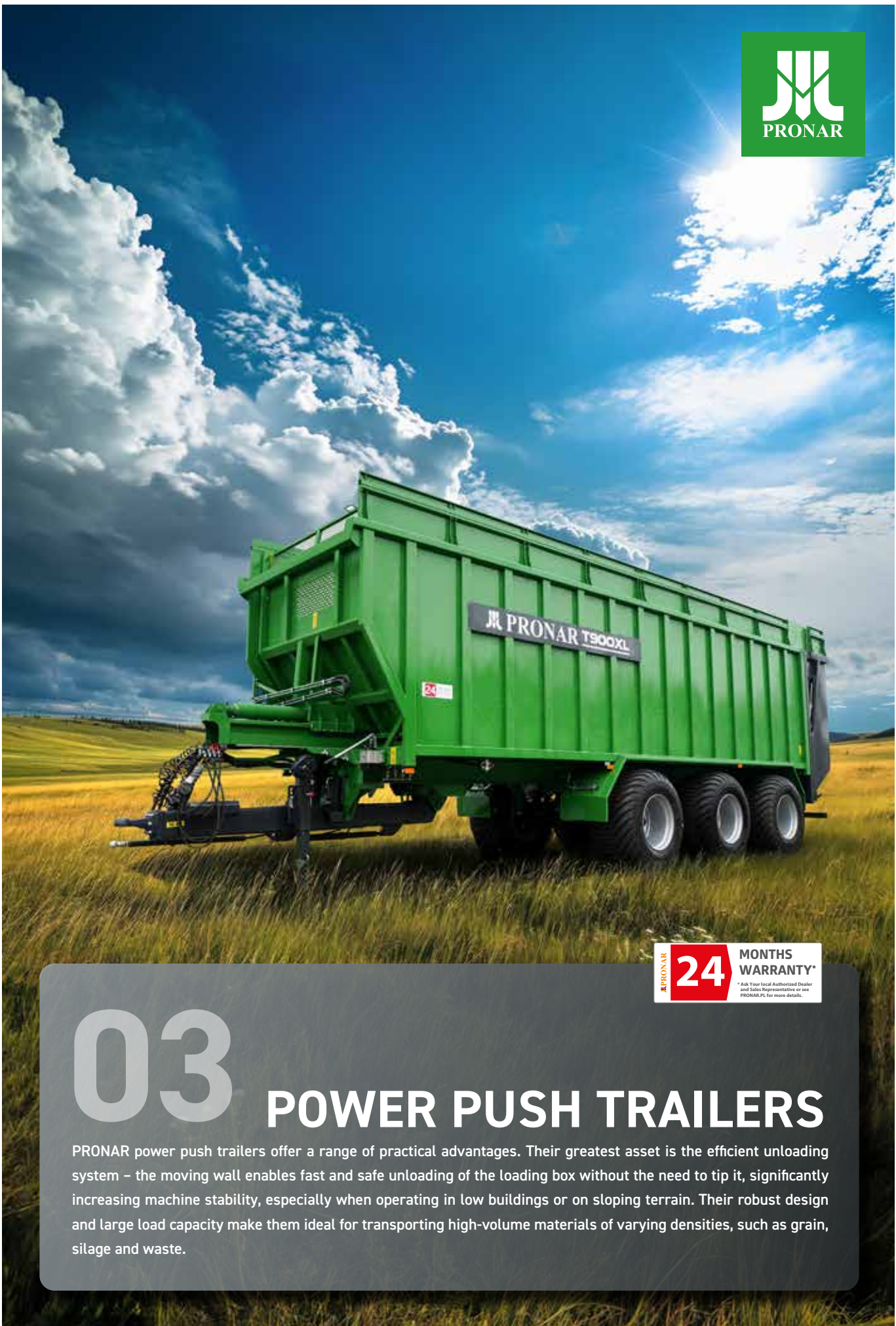
5 HYDRAULIC FOLDING



STRAIGHT HYDRAULIC FOLDING



STRAIGHT HYDRAULIC FOLDING WITH SHUT-OFF BALL VALVE



24 MONTHS WARRANTY*

03 POWER PUSH TRAILERS

PRONAR power push trailers offer a range of practical advantages. Their greatest asset is the efficient unloading system – the moving wall enables fast and safe unloading of the loading box without the need to tip it, significantly increasing machine stability, especially when operating in low buildings or on sloping terrain. Their robust design and large load capacity make them ideal for transporting high-volume materials of varying densities, such as grain, silage and waste.



POWER PUSH TRAILERS

1 TANDEM POWER PUSH TRAILERS

T902

2 TRIDEM POWER PUSH TRAILERS

T900

T900XL

SPEED
MAXIMUM



CAPACITY



BASE
WITH SIDEWALL
EXTENSIONS

LOAD CAPACITY



DMC



TDMC



40

30,8

16

23

24

40

36,7
44,6 / 46,5

23,5

33

35

40

49
58,7 / 61,2

20,7

33

36

PAINT COATING

A high-performance paint finish system with excellent corrosion resistance and durable coating protection safeguards the trailer against weather conditions and UV radiation, extending its service life and maintaining its attractive appearance for years.



SIDEWALLS
GREEN RAL6010



CHASSIS
ANTHRACITE
RAL 7021



CHASSIS
RED RAL3000

(OPTION)
CUSTOM PAINT
FINISH COLOURS
AVAILABLE
ACCORDING
TO THE RAL
CLASSIC COLOUR
SYSTEM.

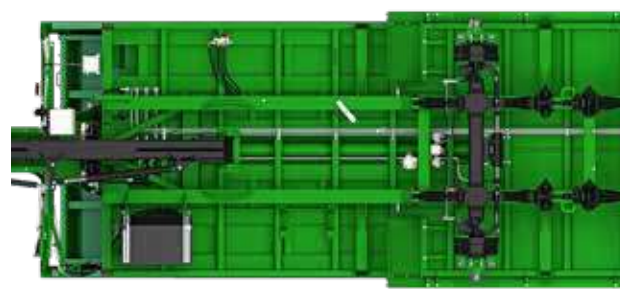


PRONAR T900XL

1 DESIGN AND DURABILITY



HYDRAULICALLY MOVING REAR WALL (two versions available) with an elastomer sealing system enables precise, stable and fast unloading without the need to tip the loading box, making it ideal for operation in low buildings or on uneven terrain. The elastomers effectively seal contact surfaces, allowing even fine-grained bulk materials (such as grain or fertilisers) to be transported safely.



ROBUST WELDED FRAME MADE OF CLOSED STEEL PROFILES, ensuring high resistance to overloads and long service life

2 SAFETY AND COMFORT



TANDEM OR TRIDEM SUSPENSION with parabolic springs ensures smooth travel even on uneven terrain while protecting the load



PNEUMATIC BRAKING SYSTEM WITH ALB ensures automatic braking force adjustment according to the trailer load, providing optimal vehicle control during braking



MONOCOQUE LOADING BOX (STRAIGHT RIB DESIGN) provides high structural strength and enables the transport of large volumes of bulk materials in a single transport cycle



PNEUMATIC PARKING BRAKE (T900 | T900XL)



TYPE-APPROVED FOLDING REAR UNDERRUN PROTECTION BAR complies with road regulations and increases safety during public road transport



ACTIVELY STEERED AXLES 1 AND 3 (T900) WITH TWO LINKAGE RODS connecting the trailer to the tractor, mounted on both sides of the drawbar



(OPTION) **ELECTRICALLY CONTROLLED CENTRAL HYDRAULIC SYSTEM** with its own oil tank and a PTO-driven hydraulic pump

3 FUNCTIONALITY



HYDRAULICALLY LIFTED TAILGATE with automatic pressure locking and locking mechanism, facilitating trailer operation, speeding up unloading and ensuring a tight and secure closure of the loading box



(OPTION) **SLIDING TARPULIN** (FRONT-TO-REAR) enables safe transport of agricultural products and can be operated quickly and easily thanks to its sliding mechanism



PLEXI WINDOW in the front wall of the loading box facilitates load inspection



MOVING WALL CYLINDERS



(T900) **THE AUTOMATIC TILTING OF THE SLIDING WALL** to an angle of 55° during the final stage of the unloading process ensures that the body is completely emptied



POWER PUSH TRAILERS

T902 | T900



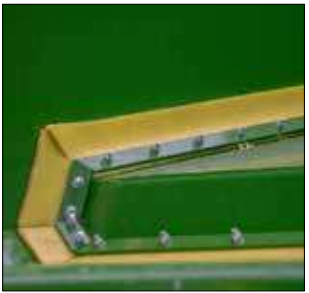
UNIVERSAL RIGID DRAWBAR with LEAF SPRING SUSPENSION and height adjustment, suitable for coupling to the tractor's upper or lower hitch



• (OPTION) **HYDRAULICALLY OPENING SIDE FLAPS 500 mm high**, with an automatic locking system on both sides of the trailer, enabling loading from lower machines



ELASTOMER SEALS FOR THE MOVING WALL



• **MOVING WALL SYSTEM**
The material located in the rear section of the loading box is discharged first, while the load resting on the movable floor section is simultaneously transported rearwards together with it. During the final unloading phase, the moving wall and movable floor automatically tip to an angle of 55°, ensuring complete emptying of the loading box.

• **HYDRAULICALLY LIFTED REAR FLAP** with automatic pressure locking and locking mechanism



PRONAR T900

PRONAR T902



ACTIVE AXLE STEERING SYSTEM (T900) significantly improves trailer manoeuvrability, reducing the turning radius and controlling the steering axles, including during reversing



ACTIVE STEERING SYSTEM PRESSURE ADJUSTMENT for Axles 1 and 3, providing dynamic control of the driving path in tight turns



(OPTION) **HYDRAULIC TANDEM SUSPENSION** with four steel half-leaf springs, featuring stabilisation and height adjustment functions

Optional sidewall extensions increase load volume, adapting the trailer for transporting larger quantities of material. In addition, the optional K80 drawbar hitch (drawbar eye load up to 4,000 kg) allows more efficient utilisation of the tractor's capabilities.



PRONAR T902

TRIDEM SUSPENSION based on six parabolic springs combines high load-carrying capacity with enhanced manoeuvrability. Even load distribution between the axles ensures stable and reliable handling both on paved roads and during field operation.



PRONAR T900



PRONAR T900



POWER PUSH TRAILERS

T900XL



MECHANICAL TRIDEM SUSPENSION WITH 6 parabolic springs, equalising rockers and a wheelbase of 1,810 mm, featuring a rigid centre axle and two actively steered axles (single linkage rod connecting the trailer to the tractor, mounted on the right-hand side of the drawbar)



HYDRAULIC STEERING SYSTEM with manual filling pump and four **PRESSURE GAUGES**

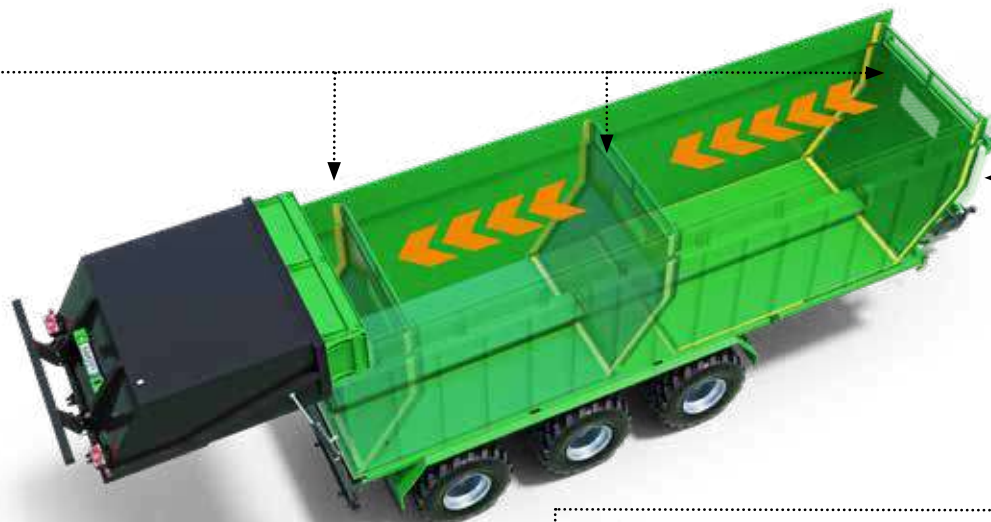


HYDRAULIC SYSTEM FOR MOVING THE FRONT WALL AND PART OF THE FLOOR



PRONAR T900XL

MOVING WALL (equipped with elastomer seals) enables efficient unloading of various materials without the need to tip the loading box. In the first stage, the material located in the rear section of the loading box is discharged, while the material resting on the movable floor section is transported rearwards together with it. Once the floor is fully extended, the remaining load is pushed out by the front wall.



FRONT WALL with protective grating and **PLEXI window** (mesh extension)

SIDEWALL EXTENSIONS (400 + 100 mm) increase the load volume to 61.2 m³



HYDRAULIC SUSPENSION OF THE RIGID DRAWBAR with smooth height adjustment, reducing vibration transfer to the tractor and facilitating coupling to either the upper or lower tractor hitch

(OPTION) **METAL MUDGUARD** with an overall width not exceeding 2,750 mm (mounted behind the rear wheel and in front of the front wheel, covering the wheels from above), for non-standard wheel configurations



PRONAR T900XL

(OPTION) **TWO-VERTICAL-BEATER MANURE SPREADING ADAPTER*** (spreading width up to 12 m) driven by the tractor PTO via a wide-angle PTO shaft, equipped with a slide gate and two rear flaps (deflectors); wire-controlled via a 4.3" colour display

* The adapter is not EU type-approved.



PRONAR T900XL

OPTIONAL **LOADING BOX EXTENSIONS** 500 mm high (split: 400 mm + 100 mm), increasing the load volume to 61.2 m³ (for all wheel options except: 445/65R22.5 – trailer height exceeds 4,000 mm)



PRONAR T900XL



POWER PUSH TRAILERS



TECHNICAL DATA:		UNIT	T902	T900	T900XL
 CoC			✓	✓	✓
 Permissible gross vehicle weight	[kg]		23000	33000	33000
 Load capacity	[kg]		16000	23500	23730
 Empty weight	[kg]		7000	9500	12270
 Technically permissible gross vehicle weight	[kg]		24000	35000	36000
 Load volume without extensions	[m³]		30.8	36.7	49
 Loading area	[m²]		16.8	19.7	23
Internal loading box length	[mm]		7100	8320	9700
Internal loading box width	[mm]		2370	2370	2370
Overall dimensions					
Length	[mm]		9100	10510	12000
Width	[mm]		2550	2550	2550
Height	[mm]		3500	3543	3490
Loading box sidewall height [mm]	[mm]		2000	2000	2000
Floor / sidewall thickness	[mm]		4/4	6/4	5/4
Platform height from ground level	[mm]		1500	1500	1440
Wheel track	[mm]		2100	2100	2100
Suspension:			Parabolic springs	Parabolic springs	Parabolic springs
Tyre size			445/65R22.5	445/65R22.5	445/65R22.5
 Design speed	[km/h]		40	40	40
Tipping system:			hydraulic front wall system with automatic 55° tipping function during the final unloading phase	hydraulic front wall system with automatic 55° tipping function during the final unloading phase	hydraulic switching system on the front wall
Telescopic cylinder			30	40	80
Oil requirement			200	200	200
Pressure					
Minimum tractor power requirement	[KM/kW]		124.8/91.7	182/133.8	220
Loading box tipping angle (rearwards / sideways)	[°]		55	55	-



36 MONTHS WARRANTY*

04 DUMP TRAILERS

PRONAR dump trailers feature an extremely robust design, with loading boxes providing high resistance to impact and abrasion. Thanks to their heavy-duty suspension and advanced solutions such as a hydraulically suspended drawbar, they ensure stability and operating comfort even in demanding terrain conditions. They are ideal for transporting bulk materials such as aggregates, soil and stones, and are particularly well suited for road construction applications. Wear-resistant materials can be used in selected structural components.



DUMP TRAILERS

1 DUMP TRAILERS

T679/4M | T679/3

T679/4MN

T679/2 | T701 | T5518HD

T701HP (HALF-PIPE)

SPEED
MAXIMUM



CAPACITY



LOAD CAPACITY



DMC



40

4,5 | 6,4

8,5 | 10,3

10,8 | 13,2

40

10,6

14,8

9

40

7,7 | 10,6 | 12,5

12 | 14,8 | 18,1

16,3 | 21 | 23,5

40

12,5

15,1

21

PAINT COATING

A high-performance paint finish system with excellent corrosion resistance and durable coating protection safeguards the trailer against weather conditions and UV radiation, extending its service life and maintaining its attractive appearance for years.



SIDEWALLS
ANTHRACITE
RAL 7021



CHASSIS
CRIMSON
RAL3007

(OPTION)
CUSTOM PAINT
COLOURS
AVAILABLE
ACCORDING
TO THE RAL
CLASSIC COLOUR
SYSTEM.

PRONAR T701HP

1 DESIGN AND DURABILITY



reinforced MONOCOQUE OR HALF-PIPE LOADING BOX, manufactured from thick structural steel or wear-resistant HARDOX 450HB steel, ensures durability even under intensive operation in the harshest conditions



a robust CHASSIS FRAME MADE of closed steel profiles guarantees structural stability and resistance to deformation, ensuring reliability during the transport of heavy loads.



heavy-duty SUSPENSION enables the safe transport of high payloads, up to 24 tonnes.



STRUCTURAL REINFORCEMENTS, such as vertical ribs and the self-supporting loading box design, increase resistance to overloads and impacts.

2 SAFETY AND COMFORT



high-performance BRAKING SYSTEMS (all types) provide short braking distances and full control of the trailer.



PARKING AND EMERGENCY BRAKES ensure the machine remains immobilised when stationary.



suspended DRAWBARS with height adjustment provide driving comfort and allow adaptation to different tractor hitch heights.



SIDEWALL EXTENSIONS increase loading capacity when transporting bulk materials.

Hydraulically operated **REAR TAILGATES with sealing** ensure safe and clean unloading without material spillage.



(STANDARD)
Bottom-hinged rear tailgate



(OPTION)
Side-hinged rear tailgate (opening to the right)



hydraulically raised top-hinged tailgate
T01HP | T5518HD

3 FUNCTIONALITY



SINGLE-SIDE TIPPING SYSTEM with telescopic hydraulic cylinders enables fast and trouble-free unloading of bulk materials.



LADDERS and access STEPS facilitate operation of the loading box, improving convenience and ergonomics.



internal LOAD SECURING LASHING POINTS and transport handles (T679/4MN) secure the cargo during transport, increasing operational safety.



universal DRAWBAR HITCHES (rotary, fixed and ball-type) allow easy coupling with various tractor types.





DUMP TRAILERS

T679/4M | T679/3 | T679/4MN | T679/2 | T701 | T701HP (HALF-PIPE)



• (T701HP) **HALF-PIPE LOADING BOX** (semi-circular cross-section, widening towards the rear) facilitates smooth material discharge during tipping, preventing material build-up, sticking or bridging.



(T701HP) **24-TONNE BOGIE SUSPENSION ON PARABOLIC SPRINGS, WITH a 1,600 mm wheelbase and rigid axles equipped with drum brakes**



(OPTION) **UNIVERSAL RIGID DRAWBAR WITH HYDRAULIC SUSPENSION AND HEIGHT ADJUSTMENT, suitable for coupling to either the upper or lower tractor HITCH**



• (T701HP) **the TRAILER LOADING BOX is manufactured entirely from 6 mm HARDOX 450 steel plate**, significantly extending service life and increasing resistance to dents, impacts, weather conditions and chemical agents.



FRONT WALL profiled to match the shape of an excavator bucket.



LOADING RAMPS (T679/4MN) enable convenient transport of construction machinery.



• **PIVOTING REAR TAILGATE WITH RUBBER SEAL, hydraulically lifted upwards, with mechanical lock.**



• **LASHING POINTS (2 PCS.)** on the rear beam of the lower frame for securing straps, ropes or transport chains.



front-mounted telescopic TIPPING CYLINDER

• **UNIVERSAL RIGID DRAWBAR** suspended on steel springs, with height adjustment

PRONAR T701HP

Sidewall extensions available for PRONAR dump trailers increase loading box capacity, enabling more efficient transport of larger material volumes.



PRONAR T679/4M

Reinforced loading box with load securing points; the optional HARDOX® steel version and the possibility of fitting steel sidewall extensions make this model perfectly suited for operation in the most demanding conditions.



PRONAR T679/4MN

The **PRONAR T701HP** construction trailer offers a technically permissible gross vehicle weight of up to 25 tonnes. It is ideally suited for major road construction projects, gravel pits (transport of bulk materials, rocks and stones), as well as the transport of rubble and asphalt. When operated in combination with a tractor, the **T701HP** is an excellent alternative to conventional trucks. It offers significantly better manoeuvrability and performs more effectively on difficult or marshy terrain.

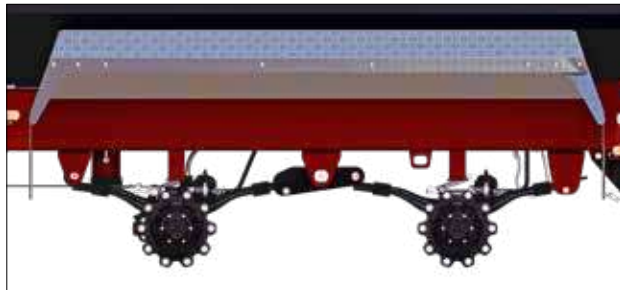


PRONAR T701HP



DUMP TRAILERS

T5518HD



TANDEM SUSPENSION with 4 parabolic springs, equalising rockers and a wheelbase of 1,360 mm, equipped with Ø406 × 120 mm drum brakes.



the trapezoidal and profiled shape of the loading **BOX** ensures complete unloading of the transported material.



SIDEWALL EXTENSION MOUNTINGS – sidewall extensions increase the load volume to 21 m³.



the specially shaped **UPPER PROFILE OF THE LOADING BOX** prevents material from accumulating along the edges.

800 mm **STEEL SIDEWALL EXTENSIONS** with vertical ribs on each side; manufactured from 2 mm steel plate; increase the load volume to 21 m³; openings in the front vertical extension with PLEXI cover.



PRONAR T5518HD

Two telescopic cylinders and a tipping hydraulic system equipped with an automatic limiting valve and heavy-duty safety cables.



PRONAR T5518HD



PRONAR T5518HD

MONOCOQUE LOADING BOX (construction version) with floor and sidewalls made of 6 mm steel plate (floor) and 4 mm steel plate (sidewalls).

BRAKING SYSTEM (various types available)

FOLDING LADDER AND INTERNAL SIDEWALL STEPS facilitate access to the loading box.

DRAWBAR SUPPORT with locking pin or mechanical swivel support.



DRAWBAR – spring suspension



REAR TAILGATE WITH RUBBER SEAL, hydraulically lifted, with mechanical lock.



PRONAR T5518HD



DUMP TRAILERS



	TECHNICAL DATA:	UNIT	T679/4M	T679/4MN	T679/3	T679/2	T701	T701HP	T5518HD
	CoC		✓	✓	✓	✓	✓	✓	-
	Permissible Gross Vehicle Weight	kg	10850	11000	13200	16350	21000	21000	23500
	Load Capacity	kg	8500	8320	10360	12000	14840	15100	18120
	Empty Weight	kg	2020	2680	2840	4350	6160	5900	5380
	Technically Permissible Gross Vehicle Weight	kg	10850	11000	13200	16350	21000	21000	23500
	Load Volume (without extensions)	m³	4.5	4.5	6.4	7.7	10.6	12.5	10.5
	Loading Area	m²	7.8	7.8	9.7	10.9	13.5	none	12.1
	Internal Loading Box Length (bottom/top)	mm	3540 3700	3540 3700	4000	4625 4500	5600	5300	5500 5640
	Internal Loading Box Width	mm	2210	2210	2416	2410	2410	2250/2300	2170 / 2240
	Overall dimensions								
	Length	mm	5380	5400	5674	6230	7360	7570	7470
	Width	mm	2400	2400	2550	2546	2550	2550	2550
	Height	mm	1650	1620	1775	2080	2470	2840	2480
	Internal Loading Box Height	mm	550	550	648	700	800	1250	840
	Floor / Sidewall Thickness	mm	4/4	4/4	6/6/4	10/8	10/8	6/6	6/4
	Platform Height from Ground Level	mm	1010	980	1085	1240	1475	2480	
	Wheel Track	mm	1640	1960	1990	1860	2060	1960	1900
	SUSPENSION		tandem with trailing arm	parabolic springs	tandem with trailing arm	parabolic springs	parabolic springs	Bogie	parabolic springs
	Drawbar Eye Load	kg	2000	2000	1800	2000	3000	3000	3000
	Tyre Size		400/60-15.5	400/60-15.5	500/50-17	385/65R22.5	385/65R22.5	550/60-22.5	600/50R22.5
	Design speed (max.)	km/h	25	40	40	40	40	40	40
	Tipping system		Single-side	Single-side	Single-side	Single-side	single-side	Single-side	Single-side
	Telescopic Cylinder Stroke	mm	1700	1850	1700	2150	1980	4670	2250
	Oil Requirement	L	13	16	13	28	36	41	30
	pressure	bar	200	200	200	200	200	200	200
	Minimum Tractor Power Requirement	KM/kW	62.6/46	62.6/46	69.4/51	83.2/61	124.8/91.7	125/92	125 / 92
	Loading Box Tipping Angle (rear tipping)	[°]	50	50	50	55	60	55	55



05

CATTLE TRAILERS

PRONAR cattle trailers have been designed with the comfort and safety of live animal transport in mind. Thanks to the low loading platform, rear ramp with a non-slip surface and hydraulically lowered loading box, loading animals is easy and safe. The robust sidewall construction made of waterproof plywood or profiled steel sheet, together with the option of fitting an internal partition, side railings or a flexible anti-slip floor covering, increases functionality and ensures high hygiene standards.

36 MONTHS WARRANTY*

* Ask Your local Authorized Dealer and Sales Representatives or see PRONAR.PL for more details.



CATTLE TRAILERS

	SPEED MAXIMUM	LOADING AREA	LOAD CAPACITY	DMC
T046		9	3,7	5,5
T046/1		14	5,3	8
T046/2		14	8,5	12
T046H		13	7,8	11



PAINT COATING

A high-performance paint finish system with excellent corrosion resistance and durable coating protection safeguards the trailer against weather conditions and UV radiation, extending its service life and maintaining its attractive appearance for years.



SIDEWALLS AND CHASSIS
GREEN RAL6010

(OPTION)
CUSTOM PAINT
FINISH COLOURS
AVAILABLE
ACCORDING
TO THE RAL
CLASSIC COLOUR
SYSTEM.



PRONAR T046H



CATTLE TRAILERS

EQUIPMENT (STANDARD)

1 DESIGN AND DURABILITY



Robust LOADING BOX with sidewalls made of 18 mm waterproof plywood or profiled steel sheet ensures durability even under intensive use.



SLIDING INTERNAL PARTITION mounted on guide rails separates transported animals (OPTION FOR T046H).



HEAVY-DUTY CHASSIS FRAME WELDED FROM RECTANGULAR closed steel profiles and compatible with various hitch types, ensuring flexible adaptation to different tractors.



3 FUNCTIONALITY



TARPAULIN FRAME with connecting crossbars enables quick and convenient securing of the load.



LACED TARPAULIN WITH FRAME protects transported animals against adverse weather conditions.



UNIVERSAL RIGID DRAWBAR WITH ROTARY HITCH facilitates coupling with different tractors and improves manoeuvrability.



LONG LOADING PLATFORM ensures easy loading and unloading of animals.

2 SAFETY AND COMFORT



SIDE RAILINGS on the loading platform facilitate and secure animal loading.



SPRINGS ASSISTING THE OPENING OF THE REAR RAMP allow easy operation even by a single person.



HYDRAULICALLY OPERATED REAR WALL - RAMP (OPTION FOR T046 and T046/1) or **HINGED DOORS** (option for T046H and T046/2) facilitate safe and efficient loading and unloading of animals, reducing animal stress and operator effort.



DRAIN PLUG in the floor facilitates cleaning of the trailer interior.



DRAWBAR JOCKEY WHEEL facilitates trailer coupling and manoeuvring.



MANUAL BRAKING FORCE REGULATOR allows adjustment of braking force according to the transported load.



T046H - TOOLBOX



PRONAR T046/2



CATTLE TRAILERS

T046/1 | T046/2

EQUIPMENT



• **REAR WALL - RAMP MADE** of anti-slip plywood, manually operated, with springs assisting opening and closing



(OPTION) **REAR WALL - RAMP** made of chequered steel plate, hydraulically operated



(OPTION) **HINGED DOORS or REAR WALL** - RAMP facilitate safe and efficient loading and unloading of animals



(OPTION) **SIDE RAILINGS** facilitating loading



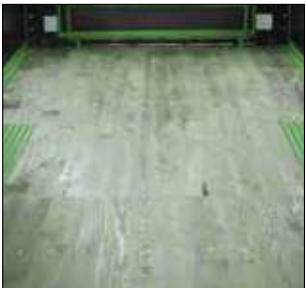
(OPTION) **sliding Internal PARTITION MOUNTED ON GUIDE rails** - used to divide the loading area into smaller sections, allowing safer transport of animals and easier separation of livestock



SIDE-HINGED REAR DOORS facilitate safe and efficient loading and unloading of animals



PRONAR T046/1



IMPREGNATED Wooden Floor



SUSPENSION TANDEM SUSPENSION on Leaf Springs



easy Access to the Animals through **SIDE DOORS**



DRAWBAR SUPPORT - Jockey Wheel



PRONAR T046/2



FLOOR - chequered steel plate with drainage openings



SUSPENSION TANDEM SUSPENSION on Hydraulic Cylinders



SIDE-HINGED ACCESS DOORS facilitate access to transported animals

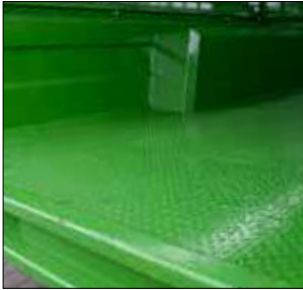


(OPTION) **hydraulic scissor-type DRAWBAR SUPPORT**



CATTLE TRAILERS

T046 | T046/1 | T046/2 | T046H



sealed chequered **STEEL FLOOR** (4 mm thick) with two drainage openings



(OPTION) **FLEXIBLE ANTI-SLIP FLOOR**
Covering approximately 15 mm thick, reducing the risk of injury to animals during transport



(OPTION) **adjustable INTERNAL PARTITION** separates transported animals



STEEL CABLE for opening the internal door from outside



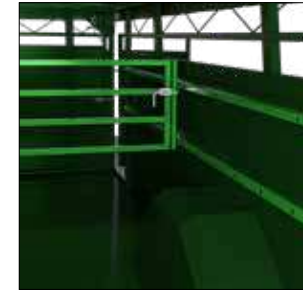
(OPTION) **WORK LIGHTS** – illumination of the loading area

(OPTION) **SPARE WHEEL** with mounting bracket and winch on the front wall

LACED TARPULIN

TARPULIN FRAME with connecting **CROSSBARS**

(OPTION) **SIDE RAILINGS** on guide rails (sliding and foldable against the sidewalls) facilitate loading



(OPTION) **sliding Internal PARTITION MOUNTED ON GUIDE rails**



PRONAR T046H

TWO-LEAF REAR doors side-hinged opening

(OPTION) **REAR SAFETY GATE** securing the two-leaf rear doors

12V LIGHTING SYSTEM (combination LED), with clearance lights

hydraulically lowered LOADING BOX facilitates loading

SIDE-HINGED ACCESS DOORS facilitate access to transported animals

HYDRAULIC SHOCK ABSORBER dampens suspension vibrations during transport height adjustment

Wheels with 400/60-15.5 tyres provide high load-carrying capacity, stability and improved ride comfort in off-road conditions



PRONAR T046/2

Rear wall – ramp made of anti-slip plywood, with a manually folded extension, hydraulically operated, equipped with additional wooden anti-slip crossbars (configuration intended for a loading box fitted with bolted plywood sidewalls)



PRONAR T046

SIDE-HINGED ACCESS DOORS provide convenient access to the trailer interior, facilitating inspection and handling of transported animals



PRONAR T046/2



CATTLE TRAILERS



TECHNICAL DATA:		UNIT	T046	T046/1	T046/2	T046H
 CoC			√	√	√	√
 Permissible gross vehicle weight	kg		5500	8000	12000	11000
 Load capacity	kg		3700	5360	8500	7850
 Empty weight	kg		1800	2640	3500	3150
 Loading area	m²		9,01**	14,1	14**	13,2 **
Internal loading box length	mm		4160	5960	6990	6290
Internal loading box width	mm		2360	2360	2300	2240
Internal loading box height	mm		2000 *	2000 *	2100 ***	2100 *
Overall dimensions						
Length	mm		6100	7980	8920	8320
Width			2515	2515	2530	2550
Height			2780	3012	2800	2860
Loading box sidewall	mm		1350	1350	1400	1500
Floor thickness (impregnated wood or steel plate) / sidewall thickness (waterproof plywood or steel plate)	mm		30/18	30/18	4/3	4/3
Platform height from ground level	mm		700	945	660 / 130 (transport position / loading position)	700 / 200 (transport position / loading position)
Wheel track	mm		2100	2100	2200	2160
Suspension			Rigid	Leaf springs	hydraulic	hydraulic
Drawbar eye load [kg]			600	1000	1500	2000
Tyre size			11,5/80 15,3	11,5/80-15,3	14,0/65 - 16	385/65R22,5
 Design speed	km/h		40	40	40	40
Minimum tractor power requirement	KM/kW		28,6/21	41,6/30,6	65/47,8	41,6/30,6

* Height measured from the floor to the highest point under the tarpaulin frame.
** Area excluding wheel arches.
*** Height from the floor to the highest point beneath the tarp frame



Learn more





06

HOOKLIFT TRAILERS

PRONAR hooklift trailers are highly versatile solutions designed for the fast and safe transport of various container types. Thanks to their robust frame construction and tandem or tridem suspension with parabolic springs, these trailers perform equally well in agricultural, municipal and construction applications. In addition, modern hydraulic systems and the ability to control all key functions directly from the tractor cab ensure maximum operator comfort and exceptional flexibility in daily operation.

36

MONTHS WARRANTY*

* Ask Your local Authorized Dealer and Sales Representatives or see PRONAR.PL for more details.



HOOKLIFT TRAILERS

1 TANDEM HOOKLIFT TRAILERS

T185 | T185/1

T285 | T285/1

T286 | T286LH

2 TRIDEM HOOKLIFT TRAILERS

T386 | T386LH

SPEED
MAXIMUM



LOAD CAPACITY



12,1|11,9

16,4|17,8

17,1|16,8

25,5|25,2

DMC



15|15

21|23

23|23

34|34

PAINT COATING

A high-performance paint finish system with excellent corrosion resistance and durable coating protection safeguards the trailer against weather conditions and UV radiation, extending its service life and maintaining its attractive appearance for years.



CHASSIS
ANTHRACITE
RAL 7021



PRONAR T386

(OPTION)
CUSTOM PAINT
COLOURS
AVAILABLE
ACCORDING
TO THE RAL
CLASSIC COLOUR
SYSTEM.

1 DESIGN AND DURABILITY



A TILTING HOOK TOWER allowing the approach angle to be adjusted when lifting the container.



FRAMES welded from rectangular closed high-strength structural steel profiles provide resistance to overloads and intensive use, even in the most demanding operating conditions



HEAVY-DUTY TANDEM OR TRIDEM SUSPENSION ensures even weight distribution and high resistance to dynamic loads.



CONTAINER GUIDE ROLLERS (DIN, SS, CHEM Standards) enable smooth and safe loading and unloading of containers along the trailer frame, minimising the risk of damage to both the container and the trailer structure.

2 SAFETY AND COMFORT



HOOK with automatic safety latch ensures secure container retention during transport on roads and in the field.



MANUAL BRAKING FORCE REGULATOR allows manual adjustment of trailer braking performance according to the current load.



AUTOMATIC BRAKING FORCE REGULATOR (ALB) automatically adjusts trailer braking force according to the current load.



TYPE-APPROVED rear bumper with adjustable position (MANUAL OR AUTOMATIC) adapts to the length of the transported container, ensuring maximum safety.



HYDRAULIC OR MANUAL CONTROL of tipping, suspension lock and hook frame functions enables fast and efficient container handling, increasing productivity.



CONTAINER GUIDE ROLLERS DURING LOADING ensure precise positioning of the container on the trailer.



SUSPENSION STABILISER (one set per axle) optimises driving characteristics and ensures safe transport of large and heavy loads.



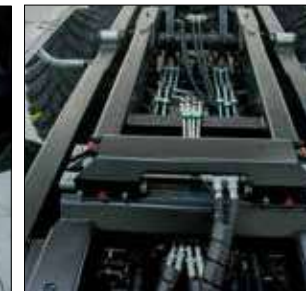
3 FUNCTIONALITY



Adjustable HOOK height (1450 mm / 1570 mm) (DIN, SS, CHEM standards) – flexible adaptation to different container types without additional modifications.



DRAWBAR SUPPORT (depending on model) allows quick and easy positioning of the trailer in the working position without additional tools.



CONTAINER LOCKING SYSTEM (DIN, SS, CHEM standards) prevents container movement during transport, increasing safety.



2-LINE PNEUMATIC SYSTEM



compatibility with containers of various dimensions (length 4100–7900 mm, width up to 2550 mm, depending on model) provides maximum flexibility for applications ranging from agriculture to municipal services.





HOOKLIFT TRAILERS

TANDEM

T185 | T185/1



TANDEM SUSPENSION with trailing arms and rigid stub axles equipped with $\varnothing 300 \times 135$ mm drum brakes (T185)



SUSPENSION LOCK HYDRAULIC SYSTEM stiffens the suspension during coupling, loading, unloading and tipping of the container



TYPE-APPROVED REAR BUMPER manually extendable and adjustable to several positions, increasing driving safety and allowing the bumper position to be adapted to the length of the transported container



(OPTION)
WIRED ELECTRICAL CONTROL FROM THE TRACTOR CAB FOR FIVE VEHICLE functions (suspension lock, hooklift/tipper mode selection with container locking, hook frame movements, tilting frame movements)



HOOKS WITHOUT AUTOMATIC CONTAINER LOCKING (T185)

(OPTION)
TWO REAR WARNING BEACONS

● **PLASTIC MUDGUARDS** behind the rear wheel and in front of the front wheel

(OPTION)
TWO-LINE PNEUMATIC BRAKING SYSTEM with automatic braking force regulator (ALB)

PRONAR T185/1

(OPTION)
HYDRAULIC HOOKLIFT/TIPPER MODE SELECTION integrated with the hydraulic container locking system and equipped with an electro-hydraulic safety system for locking containers compliant with DIN 30722

(OPTION)
TYRES:
385/55R22,5; 520/50-17; 500/50R17

HOOKLIFT TRAILERS

TANDEM

T285 | T285/1



TANDEM SUSPENSION with two trailing arms and rigid axles equipped with $\varnothing 406 \times 140$ mm drum brakes (T285/1)



MANUAL CONTROL OF THE TILTING FRAME HYDRAULIC FUNCTIONS



(OPTION T285/1,T286;T286LH)
INDEPENDENT HYDRAULIC SYSTEM WITH oil tank, pump, gearbox and PTO shaft, electrically controlled via cable from the tractor cab, operating five vehicle functions (suspension lock, hooklift/tipper mode selection with container locking, hook frame movements, tilting frame movements)



HOOKS WITH AUTOMATIC CONTAINER LOCKING

● **HOOK WITH AUTOMATIC CONTAINER LOCKING**

(OPTION T285)
INDEPENDENT HYDRAULIC SYSTEM with oil tank, pump, gearbox and PTO shaft, electrically controlled via cable from the tractor cab, operating four vehicle functions



(OPTION T285)
MANUAL BRAKING FORCE REGULATOR - hydraulic system

● **PLASTIC MUDGUARDS** behind the rear wheel and in front of the front wheel

(OPTION)
DOCUMENT SLEEVE

PASSIVELY STEERED 2ND AXLE (T285/1) improves vehicle manoeuvrability by automatically aligning the wheels with the trailer's direction of travel

(OPTION)
TYRES: 385/65R22,5; 425/65R22,5; 445/65R22; 500/60R22,5; 600/50-22.5; 600/50R22,5; 620/50R22,5

PRONAR T285



HOOKLIFT TRAILERS

TANDEM

T286 | T286LH



REMOTE CONTROL (T286) enables remote operation of key hooklift trailer functions, such as raising and lowering the hook frame and suspension locking, increasing convenience and operational precision.



• **HYDRAULICALLY SUSPENDED drawbar with stepless height adjustment, suitable for coupling to either the upper or lower tractor HITCH.**



HYDRAULIC TIPPING SYSTEM with two cylinders ensures stable and even container lifting; the use of two cylinders increases productivity and operational safety.



• **HYDRAULIC CONTAINER LOCKING SYSTEM compliant with DIN 30722**, prevents container movement during transport, increases safety, saves time and simplifies trailer operation.



SIDE GUARDS (OPTION) – minimise the risk of persons or objects entering beneath the trailer during transport or loading operations.



REMOTE CONTROL (T286) enables control of the articulated hook emergency stop button optional work light switch "fast lifting" button

• **TELESCOPIC HOOK TOWER** that allows the container to be moved backwards for unloading and to accommodate containers of different lengths.

(OPTION)
TILTING HOOK TOWER allowing the approach angle to be adjusted when lifting the container



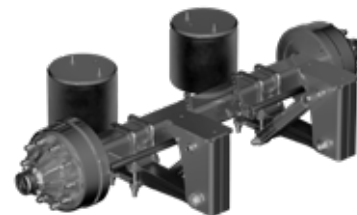
HOOK HEIGHT ADJUSTMENT



PRONAR T286

• **HYDRAULIC HOOKLIFT/ TIPPER MODE SELECTION**

• **TANDEM SUSPENSION** with 4 parabolic springs



AIR SUSPENSION (T286) (OPTION)



HYDRAULIC SUSPENSION LOCK

Compatibility with containers of various dimensions (length 4400–4900 mm, width up to 2550 mm) provides maximum flexibility for applications ranging from agriculture to municipal services.



PRONAR T185/1

Enables the transport of containers with an internal length of 5000–6000 mm, while the electronically controlled hydraulic system ensures convenient and precise operation.



PRONAR T285/1

The **PRONAR T286** hooklift trailer is a versatile solution suitable for agricultural, construction, municipal, forestry and orchard applications.



PRONAR T286 + SPT70



HOOKLIFT TRAILERS

TRIDEM

T386 | T386LH



CENTRAL HYDRAULIC SYSTEM with PTO-driven pump and integrated oil tank, electrically controlled via cable from the tractor cab



(OPTION)
Possibility of transporting containers in:
Scandinavian version (SS)
British version (HEM)
**with higher-mounted
CONTAINER GUIDE ROLLERS
and a different lock spacing
arrangement**



(OPTION) **FLOW REGULATOR
for the Central Hydraulic
System** (recommended for
trailers where the hydraulic
system operates for extended
periods during frequent
container changes or when
transporting containers over
short distances)

• **TELESCOPIC HOOK TOWER** that allows the container to be moved backwards for unloading and to accommodate containers of different lengths.

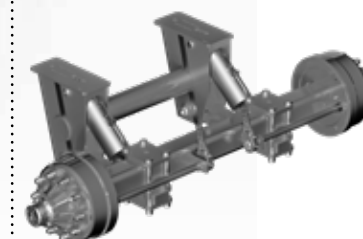
(OPTION)
TILTING HOOK TOWER allowing the approach angle to be adjusted when lifting the container



PRONAR T386LH

The **PRONAR T386LH** trailer features a so-called „FAST“ lifting function. The extension time of the tipping cylinders for an empty container has been reduced to just 25 seconds.

• **ACTIVE STEERING SYSTEM** with a rigid centre axle and two actively steered axles provides exceptional manoeuvrability and stability, facilitating operation even in confined or uneven areas.



• **HYDRAULIC SUSPENSION (T386LH)**

The **PRONAR T386** trailer enables the transport and handling of containers with lengths from 5.0 to 7.5 m, providing broad application possibilities in agriculture, construction and municipal services.



PRONAR T386

ALUMINIUM CHEQUERED-PLATE MUDGUARDS (over the wheels) protect the vehicle and its surroundings from mud, water and stones thrown up by the wheels, increasing both safety and trailer appearance.



PRONAR T386

The **PRONAR T386** trailer is used in a wide range of transport and handling applications. Thanks to compatibility with containers manufactured according to different standards, the trailer increases productivity, reduces investment and operating costs, and enables year-round operation regardless of weather conditions.



PRONAR T386



HOOKLIFT TRAILERS

TECHNICAL DATA:



TECHNICAL DATA:		UNIT	T185	T185/1	T285
CoC			√	√	√
Permissible Gross Vehicle Weight	kg		15000	15000	21000
Load Capacity	kg		12130*	11900*	16360*
Empty Weight (without container)	kg		2870	3100	4640
Technically Permissible Gross Vehicle Weight	kg		15000	15000	21000
Length without Container	mm		5940	5940	7313
Length with Container (shortest / longest)	mm		6415 / 6782	6180 / 6780	7413 / 8413
Width without Container	mm		2360	2380	2550
Width with Container (max.)	mm		2550	2550	2550
CONTAINER CONNECTION DIMENSIONS					
Hook Height	mm		1450/1570	1450 / 1570	1450 / 1570
Longitudinal Beam Spacing	mm		1060	1060	1060
PERMISSIBLE CONTAINER DIMENSIONS					
Overall Length (min. / max.)	mm		4100/4900	4400 / 4900	5400/6400
Overall Width	mm		max. 2550	max. 2550	max. 2550
Overall Height	mm		max. 2000	max. 2000	max. 2500
Container Guide Roller Height	mm		900	990	1150
Wheel Track	mm		1830	1860	1990
Mechanical Suspension			Tandem Suspension with Trailing Arms	Tandem Suspension with Parabolic Springs	Tandem Suspension with Trailing Arms
Drawbar Eye Load	kg		2000	2000	3000
Tyre Size			500/50-17	500/50-17	385/65R22,5 RE
Design Speed	km/h		40	40	40
Tipping Hydraulics:					
Tipping Angle	°		46	46	53
Oil Requirement	l		15	15	18
pressure	bar		200	200	200
Minimum Tractor Power Requirement	KM/kW		78/57.3	78 / 57.3	110/80.8

* including the weight of the container (when used as a tipper trailer, it may be necessary to move the container rearwards before tipping). In some markets, the final load capacity depends on the coupling used, which affects the final drawbar eye load.

T285/1	T286	T286LH	T386	T386LH
√	√	√	√	√
23000	23000	23000	34000	34000
17760*	17100*	16800*	25500*	25200*
5240	5900	6200	8500	8800
23000	23000	23000	35000	35000
7313	8000	8000	8710	8710
7413 / 8413	8000 / 9000	8000 / 9000	8850 / 9850	8850 / 9850
2550	2550	2550	2550	2550
2550	2550	2550	2550	2550
1450 / 1570	1450 / 1570	1450 / 1570	1450 / 1570	1450 / 1570
1060	1060	1060	1060	1060
5400/6400	5400 / 6900	5400 / 6900	5400 / 7900	5400 / 7900
max. 2550	max. 2550	max. 2550	max. 2550	max. 2550
max. 2500	max. 2500	max. 2500	max. 2500	max. 2500
1180	1310	1310	1300	1360
2000	2000	2000	2000	2000
Tandem Suspension with Parabolic Springs	Tandem Suspension with Parabolic Springs	Tandem Suspension with Parabolic Springs	Tandem Suspension with Parabolic Springs	Tandem Suspension with Parabolic Springs
3000	3000	3000	4000	4000
445/65R22,5	445/65R22,5	445/65R22,5	445/65R22,5	445/65R22,5
40/60	40/60	40	40	40
53	50	50	52	52
18	25	25	-	-
200	200	200	200	200
125/92	125 / 92	125 / 92	182/133.8	182/133.8



Learn more





CONTAINERS



K001

K002

K004

KP10

PRONAR containers are robust and functional solutions for agricultural, construction, transport and municipal applications. The KO 01, with a capacity exceeding 15 m³, features reinforced sidewall ribbing and centrally locked doors, ensuring durability and ease of use. The KO 02, with a capacity of 7.4 m³, performs reliably in demanding conditions thanks to its reinforced construction, making it ideal for transporting rubble and similar materials. The KO 03 is a construction container designed for transporting heavy materials such as rubble, stones and gravel, with various single-door unloading configurations available. The largest model, KO 04, offers a capacity of up to 26 m³ and exceptional durability thanks to thicker sidewalls and additional reinforcement ribs. All containers are designed for use with PRONAR hooklift trailers, ensuring maximum versatility.

TECHNICAL DATA:	UNIT	K001	K002 / K003	K004	KP10
Permissible gross vehicle weight	[kg]	12000	12000	16000	7890
Load capacity	[kg]	10450	10560	13500	7000
Empty weight	[kg]	1550	1440	2500	890
Load volume	[m³]	15.1	7.4	26.45	7.5
Loading area	[m²]	10.92	10.92	13.22	7.5
Internal container length	[mm]	4560	4560	5750	4500
Internal container width	[mm]	2395	2392	2300	1650
Internal container sidewall height	[mm]	1405	700	2000	1000
Overall dimensions					
Length	[mm]	5017	5004	6198	4770
width		2506	2550	2512	1824
height		1762	1562	2341	1515
Floor / sidewall thickness	[mm]	4/3	6/4	5/3	3/2
Platform height from ground level	[mm]	294	296	295	294
Roller spacing*	[mm]	2058	2058	2160	1491
Longitudinal beam spacing*	[mm]	1060	1060	1065	1010
Distance between container lock and hook eye	[mm]	3540	3540	3515	4350
Hook eye height	[mm]	1450	1450	1570	1200

* external dimensions



07

LOW-LOADER TRAILERS

PRONAR low-loaders are versatile and durable solutions designed for forestry, construction, agricultural machinery transport and other heavy-duty applications. The use of heavy-duty axles and a suspended drawbar ensures safe and stable transport. Thanks to suitable loading ramps and load securing points, these trailers are highly functional and easy to operate.



LOW-LOADERS

1 TANDEM LOW-LOADERS

RC2100-2

2 THREE-AXLE LOW-LOADERS

RC3100 | RC3100-1

SPEED
MAXIMUM



LOADING
AREA



16,1-19,2

LOAD CAPACITY



14,5-15,0

DMC



16 -19

TDMC



19 -30



PAINT COATING

A high-performance paint finish system with excellent corrosion resistance and durable coating protection safeguards the trailer against weather conditions and UV radiation, extending its service life and maintaining its attractive appearance for years.



ORANGE
RAL2008



ANTHRACITE
RAL 7021

(OPTION)
CUSTOM PAINT
FINISH COLOURS
AVAILABLE
ACCORDING
TO THE RAL
CLASSIC COLOUR
SYSTEM.



LOW-LOADERS

EQUIPMENT (STANDARD)

1 DESIGN AND DURABILITY



ROBUST HIGH-STRENGTH STEEL FRAME ensures high load capacity and resistance to demanding operating conditions



LOADING PLATFORM with a wooden floor in the horizontal section and a steel anti-slip floor in the rear inclined section

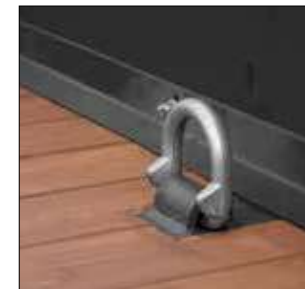


TANDEM SUSPENSION based on parabolic springs and equalising rockers, ensuring greater stability



TELESCOPIC SUPPORT LEGS located at the rear of the trailer for additional stability

3 FUNCTIONALITY



LOAD SECURING POINTS recessed into the steel side edges, facilitating the securing of transported machinery



LOADING PLATFORM EXTENSION SYSTEM increases platform width and loading area, enabling the safe transport of wider or oversized machinery and loads



MECHANICAL OR (OPTIONAL) HYDRAULIC RAMP LOWERING SYSTEM allows convenient and safe loading and unloading of transported machinery onto and from the low-loader trailer

2 SAFETY AND COMFORT



TWO-LINE PNEUMATIC BRAKING SYSTEM with automatic braking force regulator (ALB)



MANUAL PARKING BRAKE equipped with a crank handle for easy operation



DRAWBAR suspended on Steel Springs ensures smoother driving characteristics



TWIN WHEELS provide improved load-carrying capacity and stability on difficult terrain



LOADING RAMP SAFETY LOCK prevents accidental opening of the ramps



EQUIPMENT STORAGE BOX mounted beneath the platform, providing additional storage space for accessories





LOW-LOADERS

RC2100-2 | PRONAR RC3100 | RC3100-1



(OPTION)
HYDRAULIC WINCH
facilitates loading and unloading of heavy machinery



(OPTION)
HYDRAULIC OR MECHANICAL RAMPS
available for RC2100-2, RC3100 and RC3100-1



(OPTION)
AXLE-MOUNTED ODOMETER
enables easy monitoring of maintenance intervals and tyre inspections



(OPTION)
LOAD STOPS
(4 pcs.) used to stabilise elongated loads (e.g. tree trunks)



(OPTION)
2 SPARE WHEELS (each wheel sold separately)



PRONAR RC3100-1

The robust construction of **PRONAR low-loaders**, including dedicated structural reinforcements, enables them to withstand heavy loads in the most demanding operating conditions. The trailers are equipped with advanced suspension systems that ensure smooth transport and minimise the impact of vibrations on the transported cargo. The use of modern braking systems further enhances transport safety.



(OPTION)
WIDE RAMPS
facilitate and accelerate loading and unloading operations, providing safe and stable access even in difficult conditions



(OPTION)
AMBER WARNING BEACON
improves vehicle visibility, enhancing safety on roads and construction sites

The **PRONAR RC3100** is an efficient and versatile solution for transporting heavy agricultural and construction machinery, offering a payload capacity of up to 24 tonnes and a robust three-axle suspension based on parabolic springs. The wide platform with optional extensions, anti-slip surface and stable wide ramps ensures easy and safe loading, while the twin wheels minimise the risk of sinking on soft ground.



PRONAR RC3100

The rapid development of the construction industry has increased demand for the transport of machinery such as excavators, road rollers and similar equipment. The **PRONAR RC3100** and **RC3100-1** models feature an extended platform and an optional additional steering axle.



PRONAR RC3100

The **PRONAR RC2100-2** low-loader trailer is a lightweight yet durable solution, ideal for transporting agricultural and construction machinery, with a gross vehicle weight of 19 tonnes. Its wide platform with optional extensions and anti-slip surface ensures safe and convenient loading.



PRONAR RC2100-2



LOW-LOADERS



TECHNICAL DATA:		UNIT	RC2100-2	RC3100	RC3100-1
CoC			-	-	-
Permissible Gross Vehicle Weight		[kg]	19000	24000	24000
Load Capacity		[kg]	14900	18540	18160
Empty Weight		[kg]	4100	5460	5840
Technically Permissible Gross Vehicle Weight		[kg]		30000	30000
Loading Area of the Horizontal Platform Section (+ extensions)		[m²]	14.0	17,3 (+ 3,0)	17,3 (+ 3,0)
Total Loading Area (+ extensions)		[m²]	17.9 *	21,3(+ 3,7)	21,3(+ 3,7)
Overall Platform Length		[mm]	7020 *	8340	8340
Ramp Length		[mm]	1900	1900	1900
Floor Width without Extensions (with Extensions)		[mm]	2540 (-)**	2540(3000)	2540(3000)
Overall dimensions					
Length		[mm]	9450	10410	10410
Width		[mm]	2550	2550	2550
Height		[mm]	2460 *	2500	2550
Floor Material:		[mm]	45 mm softwood planks	45 mm softwood planks	45 mm softwood planks
Platform Height		[mm]	930	930	980
Number of Axles:			2	3	3
Axle Load:		[kg]	8000	8000	8000
Hitch Load:		[kg]	3000	3000	3000
Suspension:			Parabolic springs	Parabolic springs	Parabolic springs
Tyre Size			Twin wheels 215/75 R17.5	Twin wheels 215/75 R17.5	Twin wheels 215/75 R17.5
Design Speed		[km/h]	40	40 or 60	40 or 60
Number of Load Securing Points		pcs.	10	19(23)	19(23)
Minimum Tractor Power Requirement		[KM/kW]	104/76.4	104/76.4	104/76.4

* Dimensions given with ramps folded and without extensions
** With optional equipment



Learn more



36 MONTHS WARRANTY*

08

BALE TRANSPORT TRAILERS

PRONAR bale trailers feature a robust construction and high payload capacity, enabling efficient transport of hay bales, straw bales and other agricultural materials. The use of durable materials increases resistance to mechanical damage and intensive operation in demanding working conditions. The well-designed platform structure facilitates loading and unloading, improving operating comfort and transport efficiency.



BALE TRAILERS

1 TWO-AXLE TRAILERS

T022 | T022M | T025 |
T025M | T025KM | T027M

2 TANDEM TRAILERS

T024M

3 THREE-AXLE TRAILERS

T023 | T023M | T026 | T026M |
T026KM | T028KM | T028ML | T028MXL

NUMBER OF
BALES



SPEED
MAXIMUM



LOADING
AREA



LOAD CAPACITY



DMC



TDMC



26 - 34

40

15,6|15,6|15,8
15,6|15,6|20,4

7,3|7,3|9
9|8,9|13,2

10|10|12
12|12|18

11|11|13
13|13|18



22

40

17,4

8,7

12

13



34 - 40

40

24|24|24|24
24|23,8|28,8|30

11,3|11,2|13,7|13,6
13,5|18,5|17,4|20,3

15|15|18|18
18|24|24|26

16|16|19|19
19|24|24|26



PRONAR T028KM

PAINT COATING

A high-performance paint finish system with excellent corrosion resistance and durable coating protection safeguards the trailer against weather conditions and UV radiation, extending its service life and maintaining its attractive appearance for years.



GREEN
RAL6010

(OPTION)
CUSTOM PAINT
FINISH COLOURS
AVAILABLE
ACCORDING
TO THE RAL
CLASSIC COLOUR
SYSTEM.

1 DESIGN AND DURABILITY



Robust CHASSIS FRAME welded from closed steel profiles, ensuring exceptional durability and resistance to intensive use even in demanding operating conditions



LOADING PLATFORM with Profiled Side Edges ("M" version) ensures bale stability during transport and prevents bales from sliding off the platform



PARABOLIC SPRING SUSPENSION



FRONT AND REAR SUPPORTING LADDERS prevent bales from shifting during transport, securing both the load and the vehicle

3 FUNCTIONALITY



Extendable REAR FRAME with locking in any position enables the transport of loads of various lengths, increasing trailer versatility



HOLES IN THE PLATFORM for securing straps allow safe transport of loads of varying lengths, increasing trailer functionality and versatility



SUPPORTING LADDER LOCKING MECHANISM ensures secure positioning of the supporting ladders, preventing bale movement during transport



Y-TYPE DRAWBAR with rigid towing eye $\varnothing 40$ mm ensures stable trailer handling, even load distribution and easy manoeuvring, even with heavy loads

2 SAFETY AND COMFORT



MANUAL PARKING BRAKE with crank handle



Suspension BUMP STOP protects the spring assembly when the trailer is loaded



Profiled SIDE EDGES protect the load and prevent damage to film-wrapped bales



BRAKING SYSTEM with manual braking force regulator adjusts braking performance to the current load



(OPTION)
version with PRONAR overrun brake



12V LIGHTING SYSTEM (BULB TYPE) with clearance lights and rear socket, ensuring trailer visibility on the road, including after dark



STEERING SYSTEM: BALL-BEARING TURNTABLE WITH STEERING FRAME improves manoeuvrability and stability of the trailer combination





BALE TRAILERS

DOUBLE-AXLE TRAILERS

T022 | T022M | T025 | T025M | T025KM | T027M



- **EXTENDABLE REAR FRAME** with a supporting ladder, adjustable to five positions (T027M) or lockable using clamping pins, increasing loading capacity



- (OPTION) **BELT TENSIONERS** facilitate strap tightening, speeding up bale securing and simplifying trailer operation



- (OPTION) **SIDE GUARDS** protect other road users from entering beneath the side of the trailer and protect the trailer's side components from damage



- (OPTION) **HYDRAULICALLY RAISED SIDE WALLS**



- (OPTION) **TOOLBOX**

(OPTION T027M)

- **LOAD-RETAINING SIDE WALLS** each side wall hydraulically operated in sequence (outward - upwards; downwards - inwards), with vertical supporting ladders at the front and rear

Thanks to this solution, farmers no longer need to secure silage bales with transport straps, which not only improves convenience but also increases transport safety and saves time.



- **SUPPORTING LADDERS** (front and rear) with adjustable angle of inclination (angle adjusted using clamping pins), secured with four bolts, designed for transporting bales and small square BALES



- (OPTION) **ADDITIONAL PLASTIC MUDGUARDS** behind the front wheel and in front of the rear wheel

PRONAR T027M

- **LOADING PLATFORM** ("M" version) with profiled side edges

- (OPTION) **SIDE GUARDS**

- **STEERING SYSTEM:** ball-bearing turntable with steering frame



PRONAR T025M

The smallest bale trailer model – **PRONAR T022** – has also found application as a mobile platform for transporting beehives.



PRONAR T022

They are ideally suited for transporting high-volume loads, primarily straw and silage bales, as well as pallets and euro pallets. Carefully selected tyres facilitate operation in difficult conditions, including sandy or waterlogged terrain.



PRONAR T027M



BALE TRAILERS

TANDEM TRAILERS

T024M



● **Robust FRAME CONSTRUCTION** with a reduced number OF **WELDS** AND A **4 mm STEEL FLOOR**, increasing durability and corrosion resistance



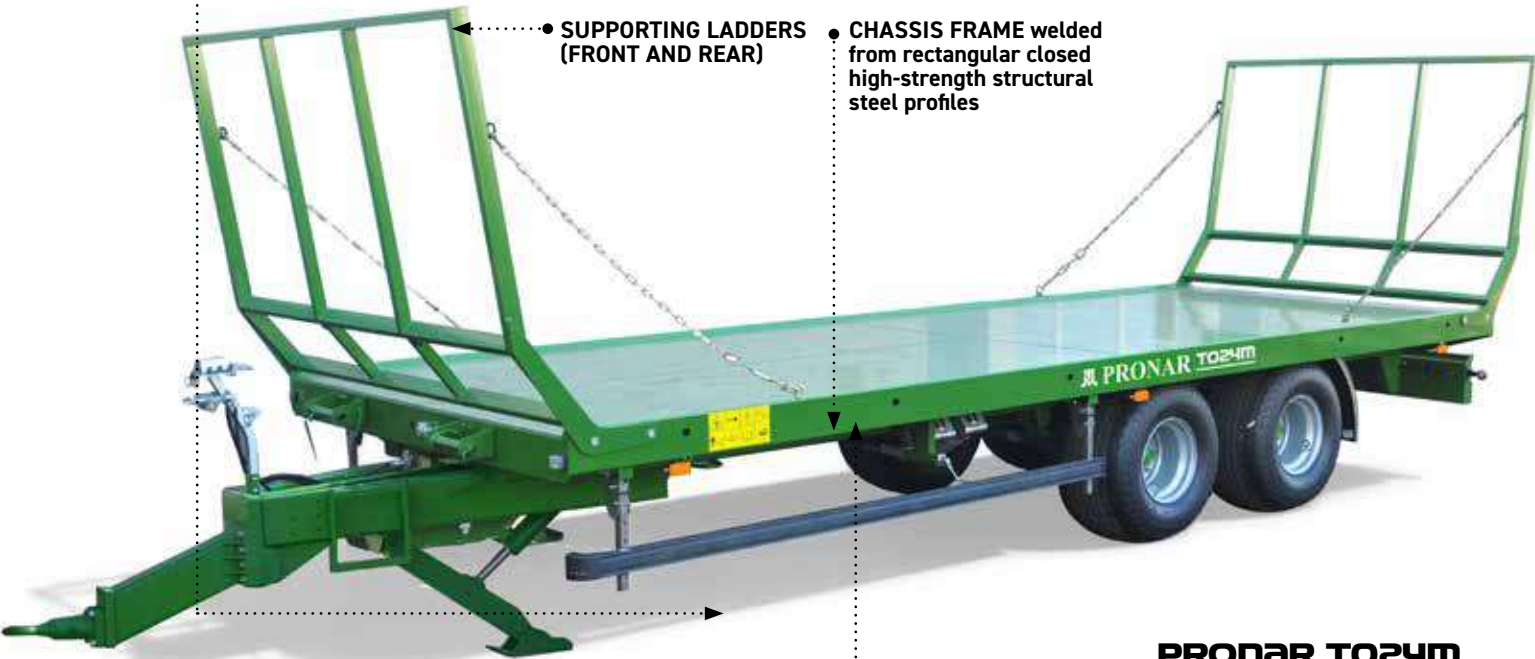
TANDEM SUSPENSION with 4 parabolic springs, equalising rockers and 1,325 mm axle spacing, with rigid axles equipped with **Ø300 × 90 mm drum brakes**



(OPTION) **SIDE UNDERRUN GUARDS**



UNIVERSAL RIGID DRAWBAR for coupling to the lower or upper tractor **HITCH**



● **SUPPORTING LADDERS (FRONT AND REAR)**

● **CHASSIS FRAME** welded from rectangular closed high-strength structural steel profiles

PRONAR T024M



Type-Approved Rear Protection Device (LIGHTING BEAM) (OPTION) **MANUAL REAR HITCH** ("small" type) type-approved (V. Orlandi)



LOADING PLATFORM ("M" Version) with profiled side edges



LOADING PLATFORM without profiled side **EDGES**

SUPPORTING LADDERS IN BALE TRAILERS

FRONT AND REAR
each secured with two or four bolts and two tensioning chains

3 FUNCTIONALITY

TYPE A



TYPE B



TYPE C



TYPE D





BALE TRAILERS

THREE-AXLE TRAILERS

T023 | T023M | T026 | T026M | T026KM | T028KM | T028ML | T028MXL



INDEPENDENT HYDRAULIC SIDE WALL CONTROL SYSTEM enables selective and independent opening and closing of individual side walls



HYDRAULIC SIDE WALL CONTROL VALVES AND BRAKING FORCE REGULATOR



• **SOCKETS for Stanchions (T025KM, T026KM)** for stable positioning and securing of long or bulky loads (e.g. timber, structural elements), preventing load movement during transport



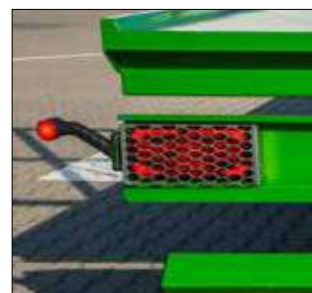
(OPTION T026KM)
1,200 mm TIMBER TRANSPORT STANCHIONS equipped with hooks for tensioning straps, adapting the trailer for timber transport applications

• (OPTION)
HYDRAULIC Load-Retaining Side Walls each side wall raised in sequence (outwards – upwards; downwards – inwards), with vertical supporting ladders at the front and rear



• **OPENINGS ALONG THE PLATFORM EDGES FOR TRANSPORT STRAPS**

PRONAR T026M



12V LIGHTING SYSTEM (LED-PRONAR) with clearance lights



SIDE EDGE on "M" version loading platforms prevents palletised loads from sliding off the platform



LOAD SECURING STRAP SYSTEM side bar along the entire trailer length (under the platform on the left and right sides) (T028MXL)



(OPTION)
PREMIUM TWO-LINE pneumatic BRAKING SYSTEM with automatic braking force regulator (ALB)

Thanks to the additional stanchions, the **PRONAR T026KM** trailer is suitable for timber transport. It can be equipped with 14 side stanchions and/or 4 front and 4 rear stanchions (side stanchions for long timber transport; front and rear stanchions for logs up to 2 m in length). Side, front and rear stanchions are available as optional equipment.



PRONAR T026KM

The **PRONAR T026M** trailers are an ideal solution for modern farms. The hydraulic side walls provide significant convenience, making unloading quick and easy. In addition, the trailers remain highly stable, even when fully loaded.



PRONAR T026M

The design combines functionality and versatility: in addition to transporting straw, hay and silage bales, the **T028MXL FR** is also well suited for transporting pallet boxes, for example with potatoes or sugar beet.



PRONAR T028MXL



BALE TRAILERS

TECHNICAL DATA



TECHNICAL DATA:		T022	T022M	T025	T025M	T025KM	T027M
		Two-Axle	Two-Axle	Two-Axle	Two-Axle	Two-Axle	Two-Axle
CoC		√	√	√	√	√	√
Permissible gross vehicle weight	[kg]	10000	10000	12000	12000	12000	18000
Load capacity	[kg]	7360	7300	9040	8980	8890	13200
Empty weight	[kg]	2640	2700	2960	3020	3110	4800
Technically permissible Gross vehicle weight	[kg]	11000	11000	13000	13000	13000	
Loading area rear frame: retracted / extended	[m²]	15.6/17.8	15,6 /17,8	15.8/18 m²	15,6 /17,8	15,6 /17,8	20.4/23.0
Loading area length							
Rear frame retracted	[mm]	6495	6495	6495	6495	6495	8500
Rear frame extended		7395	7395	7395	7395	7395	9600
Loading area width							
Overall / flat surface	[mm]	2450/2435	6495/7395	2450/2435	2517/2410	2517/2410	2470/2400
Overall dimensions							
Length							
Rear frame retractedd	[mm]	9135	9135	9135	9135	9135	10600
Rear frame extended		10035	10035	10035	10035	10035	11700
Width	[mm]	2500	2550	2500	2550	2550	2530
Height	[mm]	2830	2830	2880	2880	2880	2900
Height of supporting ladders (from the loading area)	[mm]		1700	1700	1700	1700	1790
Floor plate thickness	[mm]	3	4	3	4	4	3
Platform height from ground level	[mm]	1130	1130	1180	1180	1180	1110
Wheel track	[mm]	1730	1730	1820	1820	1820	2060
Tyre size		400/60-15.5	400/60-15.5	500/50-17	500/50-17	500/50-17*	445/45R19.5
Design speed	[km/h]	40	40	40	40	40	40
Minimum tractor power requirement	[KM/kW]	67.6/49.7	67.6/49.7	93.6/68.8	93.6/68.8	93.6/68.8	109.2/80.3

OVERVIEW OF SUPPORTING LADDER AND FRAME VARIANTS	T022	T022M	T025	T025M	T025KM	T027M
Supporting Ladder Type	A	A	A	A	A	B
Secured with 2 bolts and 2 tensioning chains	S	S	-	-	-	-
Secured with 2 bolts and 2 tensioning cables	-	-	S	S	S	-
Secured with 4 bolts	0	0	-	0	0	S
Supporting ladders (front and rear) with adjustable angle of inclination	-	-	-	0	0	S
Extendable rear frame with attached rear supporting ladder	S	S	S	S	S	S
Extendable rear frame with supporting ladder adjustable to any position and locked using clamping screws	S	S	S	S	S	S (5 positions)
Hydraulically extendable rear frame adjustable to any position	-	-	-	0	-	0
Hydraulic side walls	-	-	-	-	-	0
Stanchions	-	-	-	-	0	-

S = Standard | 0 = Option | - = Not Available



T024M	T023	T023M	T026	T026M	T026KM	T028KM	T028ML	T028MX
Tandem	Three-Axle	Three-Axle	Three-Axle	Three-Axle	Three-Axle	Three-Axle	Three-Axle	Three-Axle
√	√	√	√	√	√	√	-	-
12000	15000	15000	18000	18000	18000	24000	24000	26000
8700	11300	11170	13720	13580	13470	18500	17420	20270
3300	3700	3830	4280	4420	4530	5500	6580	5730
13000	16000	17000	19000	19000	19000	24000	24000	26000
17.4	24/26.2	24/26.2	24/26.2	24/26.2	24/26.2	23.8/26.4	28.8/31.4	30
7170	9880	9880	9880	9880	9880	9900	12000	11840
2517	10780	10780	10780	10780	10780	11000	13100	12000
2517/2410	2450/2435	2517/2410	2450/2435	2517/2410	2517/2410	2470/2400	2470/2400	2520 / 2430
9290	12000	12000	12000	12000	12000	12000	14100*	14300
	12900	12900	12900	12900	12900	12900	15200*	
2550	2500	2550	2500	2500	2550	2530	2530	2530
2740	2830	2830	2880	2880	2880	2900	2900	2920
1700	1700	1700	1700	1700	1700	1790	1790	1800
4	3	4	3	4	4	3	3	4
1040	1130	1130	1180	1180	1180	1110	1110	1150 / 1120
1850	1730	1730	1820	1820	1820	2060	2060	2060
15.0/70-18	400/60-15.5	400/60-15.5	500/50-17	500/50-17	500/50-17	445/45R19.5	445/45R19.5	445/45R19.5
40	40	40	40	40	40	40	40	40
62.5/45.9	83.2/61	90.2/61	93.6/68.8	93.6/68.8	93.6/68.8	124.8/91.8	124.8/91.8	125/92

T024M	T023	T023M	T026	T026M	T026KM	T028KM	T028ML	T028MXL FR
A	A	A	A	A	A	B	B	C
S	-	-	-	-	S	-	-	-
-	S	S	S	S	-	-	-	S
0	-	-	-	0	0	0	S	-
-	-	-	-	0	0	S	S	-
-	S	S	S	S	S	S	S	-
-	S	S	S	S	S	S (5 positions)	S (5 positions)	-
-	-	-	-	0	-	0	0	-
0	-	-	-	0	0	0	0	-
-	-	-	-	-	0	0	0	-



TYPE A



TYPE B



TYPE C



TYPE D



secured with 2 bolts



secured with 4 bolts



secured with 4 bolts and adjustable angle of inclination



Learn more





TRAILERS WITH OVERRUN BRAKES

T655 | T654/1 | T654/2 | T671 | T653/2 | T672 ECO | PT606 | T663/2 | T046 | T046/1 | T022 | T022M



1 SIDEBOARD TRAILERS

SINGLE AXLE



TECHNICAL DATA:	UNIT	T655	T654/1	T654/2	T671
CoC		-	-	✓	✓
Permissible Gross Vehicle Weight	[kg]	3400	5500	6000	7400 7000
Design Speed	[km/h]	25	25	40	30 40

DOUBLE AXLE



TECHNICAL DATA:	UNIT	T653/2	T672 ECO	PT606
CoC		-	✓	-
Permissible Gross Vehicle Weight	[kg]	8000	8000	8000
Design Speed	[km/h]	25	40	40

TANDEM SUSPENSION



TECHNICAL DATA:	UNIT	T663/2
CoC		✓
Permissible Gross Vehicle Weight	[kg]	8000
Design Speed	[km/h]	40

2 CATTLE TRAILERS



TECHNICAL DATA:	UNIT	T046	T046/1
CoC		-	✓
Permissible Gross Vehicle Weight	[kg]	5500	8000
Design Speed	[km/h]	40	40

3 BALE TRAILERS



TECHNICAL DATA:	UNIT	T022	T022M
CoC		✓	✓
Permissible Gross Vehicle Weight	[kg]	8000	8000
Design Speed	[km/h]	40	40



24 MONTHS WARRANTY*

09

CHASER BINS

PRONAR chaser bins are designed for grain transport and its rapid loading and unloading. They enable efficient transfer of grain from the combine harvester to trailers used for further transport on public roads, reducing harvesting machine downtime and increasing field productivity. The use of a chaser bin helps optimise harvest logistics. These machines can also be used for transporting grain directly to seed drills and mineral fertilisers for filling fertiliser spreaders.



CHASER BINS

1 TANDEM CHASER BINS

T740



2



28

15,3

23

25



2 TRIDEM CHASER BINS

T743

2



34

21,9

33

36



T743M

1



43

22,7

34

40



PAINT COATING

A high-performance paint finish system with excellent corrosion resistance and durable coating protection safeguards the trailer against weather conditions and UV radiation, extending its service life and maintaining its attractive appearance for years.



SIDEWALLS
GREEN RAL6010



CHASSIS
ANTHRACITE
RAL 7021



CHASSIS
RED RAL3000

(OPTION)
CUSTOM PAINT
FINISH COLOURS
AVAILABLE
ACCORDING
TO THE RAL
CLASSIC COLOUR
SYSTEM.

PRONAR T743M

1 DESIGN AND DURABILITY



monocoque LOADING BOX with profiled side walls and additional reinforcements provides exceptional resistance to deformation, even when fully loaded



RIGID DRAWBAR integrated with the chassis frame for coupling to the tractor's lower transport **HITCH**



CHASSIS FRAME with multi-point loading box support (**6- or 8-point**) increases stability and reduces structural stresses

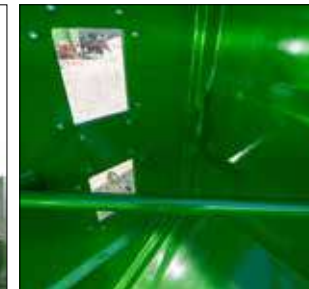


HEAVY-DUTY STEEL PLATES (**4/4/3 mm**) resistant to damage and wear, even during intensive field operation

3 FUNCTIONALITY



hydraulically foldable two-section auger CONVEYOR with **discharge angle adjustment**, enabling fast and precise unloading in any direction



LOAD LEVEL INSPECTION WINDOWS provide full control of filling levels



FOLDING LADDER AND REAR PLATFORM provide easy and safe access to the interior of the loading box



TARPAULIN FRAME with **ROPE GRID** (or manually rolled tarpaulin) protects the material from rain and dust

2 SAFETY AND COMFORT



PARABOLIC SPRING SUSPENSION (TANDEM/TRIDEM) ensures comfortable and stable driving characteristics even under heavy loads



parking brake and pneumatic braking system with **automatic ALB regulator** ensure effective vehicle control under all operating conditions



Mechanical CONVEYOR DRIVE with **two-speed adjustment** allows operating performance to be adapted to harvesting requirements and field conditions



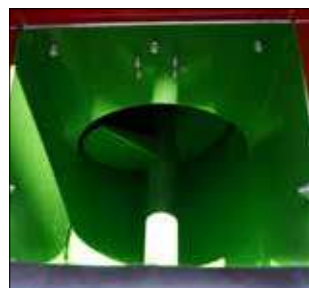
Hydraulic CONTROL OF SLIDE gates, steering axle lock and drawbar adjustment provides quick and convenient operation directly from the tractor



ANTI-SLIP GRATING PLATFORM inside the loading box increases operator safety during inspection and cleaning operations



INSPECTION OPENINGS in the floor facilitate cleaning of the loading box



TROUGH-SHAPED floor with a **single auger conveyor (T743M)** or a **twin auger conveyor (T743 AND T740)**, ensuring efficient and rapid material transfer to the unloading auger





CHASER BINS

TRIDEM TRAILERS

T743M



● **PROTECTIVE COVER FOR THE TRANSFER AUGER TUBE** (T743M)



● **WEIGHING SYSTEM** provides full crop monitoring and enables precise grain weighing already during loading



● **HYDRAULIC SYSTEM SECTION CONTROL** integrated with the **REMOTE CONTROL UNIT LOCATED in the tractor cab** (T743M)



● **HYDRAULIC INTERNAL SLIDE GATES OF THE HORIZONTAL CONVEYOR** inside the loading box regulate grain flow rate



PRONAR T743M

● **HYDRAULIC ADJUSTMENT OF THE DISCHARGE AUGER ANGLE** allows the unloading height to be adjusted

● **SUSPENSION SYSTEM** based on three axles including two actively steered axles, enables excellent manoeuvrability even on uneven or waterlogged terrain

● **INCREASED CAPACITY OF THE MONOCOQUE LOADING BOX** up to 43 m³ – when operating the chaser bin in field conditions, its design payload capacity is 27,950 kg.



PRONAR T743M

The adjustable discharge system expands the machine's range of applications beyond standard field grain transfer. The solution is particularly useful for loading seed material into seed drills and filling grain storage equipment. **PRONAR T743M** provides a transfer capacity of up to 700 m³/h using a single floor conveyor.



PRONAR T743M

PRONAR T740 (due to its drive system design featuring two floor conveyors) operates at capacities of up to 400 m³/h.



PRONAR T740



CHASER BINS



TECHNICAL DATA:		UNIT	T740	T743	T743M
 CoC			√	√	√
 Permissible gross vehicle weight	[kg]		23000	33000	34000
 Load capacity	[kg]		15300	22700	21950
 Empty weight	[kg]		7700	10300	12050
 Technically permissible gross vehicle weight	[kg]		25000	36000	40000
 Load volume	[m³]		28	34	43
Unloading capacity	[m³/h]		200-400	200-400	up to 700
Loading box length	[mm]		6015	7265	8490
Loading box width	[mm]		2492	2492	2490
Loading box sidewall	[mm]		1440 + 340	1440 + 340	750/540 Asymmetric
Floor / Side wall / Extension plate thickness	[mm]		4/4/3	4/4/3	4
Loading height	[mm]		3400	3415	3860/3650
Wheel track	[mm]		2260	2260	2160
Suspension			Tandem Suspension, 4 Parabolic Springs	Tridem Suspension, 6 Parabolic Springs	Tridem Suspension, 6 Parabolic Springs
Tyre size			700/50-26,5	710/50 R26.5 (Radial)	710/50 R26.5 (Radial)
Drawbar eye load	[kg]		3000	3000	4000
 Design speed	[km/h]		40	40	40
Minimum tractor power requirement	[KM/kW]		165/121.3	220/161.7	250-300
PTO speed	[rpm]		1000	1000	1000
Auger conveyor diameter	[mm]		430	430	550
Auger conveyor length	[mm]		5170	5170	5500
Auger discharge height	[mm]		4550-4850	4565-4865	2990-5560



24 MONTHS WARRANTY*

10

FORAGE WAGONS

The PRONAR T400 and T400R are ideal trailers for biomass transport. The body is built on a frame structure that reinforces the side walls made of galvanised trapezoidal profiles. This design delivers significant savings in the process of transporting biomass to storage or processing facilities. The PRONAR T400R additionally features a self-loading function.



FORAGE WAGONS

1 FORAGE WAGONS

T400

2 SELF-LOADING BIOMASS TRAILER

T400R

SPEED
MAXIMUM



CAPACITY



LOAD CAPACITY



DMC



TDMC



40

40

14,5

22

23

40

41

12,5

24

28



PAINT COATING

A high-performance paint finish system with excellent corrosion resistance and durable coating protection safeguards the trailer against weather conditions and UV radiation, extending its service life and maintaining its attractive appearance for years.



SIDEWALLS
GREEN RAL6010



CHASSIS
RED RAL3000

(OPTION)
CUSTOM PAINT
FINISH COLOURS
AVAILABLE
ACCORDING
TO THE RAL
CLASSIC COLOUR
SYSTEM.

1 DESIGN AND DURABILITY



ROBUST FRAME AND REINFORCED FLOOR designed for transporting large volumes of bulky biomass, ensuring long service life even under intensive operating conditions



HIGH-CAPACITY LOADING BOX allows larger quantities of biomass to be transported in a single trip, reducing the number of journeys and lowering transport costs



galvanised trapezoidal profile side WALLS resistant to deformation and wear



TANDEM AXLE SUSPENSION with four parabolic springs and equalising rockers

2 SAFETY AND COMFORT



CUTTING BAR ADJUSTMENT (T400R)



HYDRAULICALLY RAISED REAR WALL enables fast, safe and convenient biomass unloading without material losses



HYDRAULICALLY FOLDABLE MESH EXTENSION facilitates access for the forage harvester



PARKING BRAKE ensures complete safety during parking and unloading, even on uneven terrain



LADDER WITH INSPECTION DOOR in the side wall of the loading box provides quick and safe access to the trailer interior for load inspection without the need to climb onto the side wall



REAR LIGHTING Units with protective guards to prevent damage in demanding field conditions



METAL MUDGUARDS provide effective protection against mud and stones and are highly durable and resistant to damage, contributing to the trailer's long service life



(T400EU) Type-Approved Rear Protection Device (BUMPER) folding design improves road safety while maintaining full trailer functionality in field conditions

3 FUNCTIONALITY



(T400R) LOADING ROTOR with eight spirally arranged rows of tines made from wear-resistant steel



(OPTION) METERING ROLLERS for chopped maize from forage harvesters, driven via a shaft with automatic clutch and a PTO telescopic drive shaft, ensuring even distribution of the material



WOODEN FLOOR with metal conveyor chain guides or **(OPTION) a 3 mm steel floor** with metal conveyor chain guides



STEERING AXLE provides greater manoeuvring comfort





FORAGE WAGONS

T400R



- **CAM PICK-UP 2 m wide, with eight rows of pick-up tines, a guide roller and a pivoting gauge wheel, protecting the turf and ensuring excellent ground contour following**



hydraulically lowered KNIFE BAR equipped with 45 individually mounted knives that chop the harvested material into pieces no larger than 34 mm, eliminating excessive material blockages



hydraulically opened REAR WALL opening to an angle of 90°, significantly facilitating unloading; mechanical locking protects the wall against accidental opening



HYDRAULICALLY SUSPENDED DRAWBAR with stepless height adjustment ensures stable and comfortable operation under all conditions by reducing vibrations transmitted to the tractor



CHAIN FLOOR CONVEYOR WITH SLATS



TWO UNLOADING SPEEDS



PRONAR T400R

LOADING ROTOR 800 mm in diameter, with eight spirally arranged rows of arms made of wear-resistant steel

HYDRAULIC TANDEM SUSPENSION with four steel half-springs, 1,810 mm axle spacing, front rigid axle and rear passively steered axle; hydraulically stabilised and height-adjustable

TWO-LINE PNEUMATIC BRAKING SYSTEM with automatic braking force regulator (ALB)



The **PRONAR T400R** trailer is equipped with a self-loading pick-up unit (2 m wide), featuring eight spirally arranged rows of arms made of wear-resistant steel and a knife bar equipped with 45 individually mounted knives.



PRONAR T400R

Compaction and unloading of material from the loading box are carried out by a four-chain conveyor (T400) or a six-chain conveyor (T400R), driven by two hydraulic motors connected to reduction gearboxes. Optional metering rollers ensure uniform unloading of biomass onto the silage clamp.



PRONAR T400R

The most distinctive feature and key advantage of the **PRONAR T400** is its large capacity. With the ability to transport up to 40 m³ of material in a single load, biomass transport from the field, for example to a silo, becomes highly economical.



PRONAR T400R



FORAGE WAGONS



TECHNICAL DATA:		UNIT	T400	T400R
CoC			√	√
Permissible Gross Vehicle Weight	[kg]		22000	24000
Load Capacity	[kg]		14550	12500
Empty Weight	[kg]		7450	11500
Technically Permissible Gross Vehicle Weight	[kg]		23000	28000
Load Volume	[m³]		40	41
Loading Area	[m²]		16.84	18
Internal Loading Box Length	[mm]		8000	7840
Internal Loading Box Floor Width (Trapezoidal Shape):	[mm]		2080/2130	2300
Loading Box Sidewall	[mm]		2260	2280
Side Wall Plate Thickness	[mm]		0.75	0.75
Loading Box Floor Height from Ground Level	[mm]		1690	1690
Wheel Track	[mm]		2260	2200
Axle Spacing	[mm]			1810
SUSPENSION			Tandem suspension on parabolic springs	Tandem suspension on parabolic springs
Tyre Size			710/50 R26.5 (Radial)	710/50 R26.5 (Radial)
Drawbar Eye Load	[kg]		2000	4000
Design Speed	[km/h]		40	40
Minimum Tractor Power Requirement	[KM]		160/118	182/133.8
Overall Dimensions (Length / Width / Height)	[mm]		10180/2960/3950	10750/2850/3990
Pick-Up Width	[mm]		-	2000
Total Number of Pick-Up Tines	[pcs.]		-	240 (120 double tines)
Rotor diameter	[mm]		-	800
Number of Cutting Knives (Rotor Mechanism)	[pcs.]		-	45
Theoretical Cutting Length	[mm]		-	35
Tractor PTO Speed	[rpm]		-	1000

Requirements for the Tractor External Hydraulic System

- pressure	[bar]	-	200
- flow rate	[l/min]	-	130



36 MONTHS WARRANTY*

* Ask Your local Authorized Dealer and Sales Representatives or see PRONAR.PL for more details.

11 MANURE SPREADERS

PRONAR manure spreaders are technologically advanced machines that combine high performance with precision operation. Thanks to their ability to spread not only manure, but also lime, peat and compost, they enable comprehensive organic and mineral fertilisation. High-quality components, such as AV20 vertical beaters and durable chain conveyors, ensure reliable performance under all operating conditions. The machines can be equipped for operation with ISOBUS or DSKD systems.



MANURE SPREADERS

1 SINGLE-AXLE MANURE SPREADERS

NV161/1 | NV161/2 | NV161/3 |
NV161/4 | NV161/5

N162/1 (HEROS)

2 TANDEM MANURE SPREADERS (HERKULES)

N262 | N262/1

N262/2

BEATER



SPEED
MAXIMUM



CAPACITY



LOAD CAPACITY



DMC



TDMC



2 ×
VERTICAL
BEATER

30

9,1|10,7|11,8
13,1|14,9

6,8|8,5|10,2
12,3|13,7

10,5|12,3|14,2
17,2|18,9

10,5|12,3|14,2
17,2|18,9

4 ×
VERTICAL
BEATER

25

9

8,4

13

13

2 ×
HORIZONTAL
BEATER

40

11,3-18

12|14

18,7|21,2

18,7|21,2

2 ×
VERTICAL
BEATER

40

18

13,8

21

25,6

PAINT COATING

A high-performance paint finish system with excellent corrosion resistance and durable coating protection safeguards the trailer against weather conditions and UV radiation, extending its service life and maintaining its attractive appearance for years.



SIDEWALLS
GREEN RAL6010



CHASSIS
ANTHRACITE
RAL 7021



CHASSIS
RED RAL3000

(OPTION)
CUSTOM PAINT
FINISH COLOURS
AVAILABLE
ACCORDING
TO THE RAL
CLASSIC COLOUR
SYSTEM.



MANURE SPREADERS

EQUIPMENT (STANDARD)

1 DESIGN AND DURABILITY



VERTICAL SPREADING BEATER (NV SERIES and N262/2) ensures uniform spreading over a width of up to 12 m



HORIZONTAL SPREADING BEATER with two spreading discs (N262 AND N262/1) ensures uniform spreading over a width of up to 25 m



monocoque self-supporting LOADING BOX provides maximum structural rigidity and durability, even under intensive operating conditions



SINGLE-AXLE or TANDEM SUSPENSION with parabolic springs ensures smooth operation even on soft ground

2 SAFETY AND COMFORT



wooden PROTECTIVE STRIP on the upper edge of the loading box protects the upper edge against damage during loading



SPRING-SUSPENDED DRAWBAR reduces vibrations transmitted to the tractor



PNEUMATIC BRAKING SYSTEM with automatic braking force regulator (ALB) ensures full vehicle control during transport, even at maximum load



telescopic or hydraulic DRAWBAR SUPPORT LEG facilitates and speeds up machine coupling



FOLDING LADDER and **SIDE WALL STEPS** provide safe access to the loading box during operation



ADJUSTABLE VANES on the spreading discs (N262 AND N262/1) allow the spreading width to be adjusted according to the type of material



various control packages ISOBUS and DSKD



3 FUNCTIONALITY



CONTROL VALVE for ISOBUS and DSKD Packages used to switch and operate the machine's electro-hydraulic functions from the terminal



INSPECTION OPENINGS in the front wall of the loading box allow the operator to check the contents of the loading area



FRONT PROTECTIVE SCREEN protects the tractor cab and windscreen from spreading material



HIGH-GRADE STEEL CHAIN CONVEYOR with hydraulic drive and infinitely variable feed speed adjustment, ensuring uniform and consistent material delivery to the spreading unit





MANURE SPREADERS

NV SERIES

NV161/1 | NV161/2 | NV161/3 | NV161/4 | NV161/5



• (OPTION) **hydraulically operated TWO-PIECE REAR DEFLECTOR** limits spreading width; the side on which spreading is restricted can be selected using manual valves on the spreader. The system requires one pair of the tractor's external hydraulic outlets.



• (OPTION) **hydraulically raised SLIDE GATE** provides precise unloading control while improving operator convenience and safety



• (OPTION) **METAL MUDGUARDS** protect the wheels, machine structure and tractor from mud, stones and spreading material



MANUAL FLOOR FEED SPEED REGULATOR allows smooth adjustment of load conveying speed



FLOOR CONVEYOR with 14 mm chains made of high-grade steel, hydraulic drive and infinitely variable feed speed adjustment, ensuring uniform and stable material delivery to the spreading unit, increasing productivity and reliability even when handling heavy and compacted loads



• **WOODEN PROTECTIVE STRIP** for the top edge of the load bed



ISOBUS with speed sensor antenna



• **FRONT PROTECTIVE SCREEN**

• (OPTION) **TYRES** with ECE approval: 750/65R26



INSPECTION OPENINGS in the front wall of the loading box allow inspection of the spreader's loading area.

(OPTION) **SWIVEL DRAWBAR HITCH** WITH Ø 50 mm EYE for coupling to the tractor's lower hitch

PRONAR NV161/5

PRONAR NV Series manure spreaders are designed for precise and uniform spreading of manure, peat and compost. With capacities ranging from 9.1 m³ to 14.9 m³, they provide an excellent solution for both small and large farms. High-quality materials are used in the production of the NV series, including 4 mm steel plates for the side walls and floor, ensuring a smooth loading box surface and high resistance to intensive use.

The **PRONAR NV161/5** is distinguished by modern control systems that allow performance monitoring and fertilisation optimisation. Equipped with 650/65-30.5 diagonal tyres, it performs particularly well on soft and muddy fields.



PRONAR NV 161/5

The **NV161/4** (payload 12,290 kg, capacity 13.10 m³) and NV161/5 (13,650 kg, 14.9 m³) manure spreaders are designed for operation on large farms. These models are equipped with features that enhance operation, including automation systems and functions that allow working parameters to be adapted to current operating conditions.



PRONAR NV161/3

The **PRONAR NV161/3** manure spreader features a robust and durable design together with a high-performance spreading unit that ensures uniform and precise material distribution. Thanks to its versatility, it is suitable for both small and medium-sized farms, providing reliable operation over many seasons.



PRONAR NV161/3



MANURE SPREADERS

HERCULES N SERIES

N262 | N262/1 | N262/2



• **SPREADING DEFLECTOR** (N262/2) limits the spreading width



• **FLOOR DRIVE SYSTEM** ensures uniform material feed and precise control of spreading rate



• **PASSIVE REAR STEERING AXLE** (OPTION) with hydraulic steering lock system improves manoeuvrability during driving and turning, while the lock function provides stable handling during reversing



• **SILo EXTENSIONS** for green forage transport, 500 mm high (OPTION), increasing capacity to 22.4 m³



• **ELECTRO-HYDRAULIC ISOBUS SYSTEM** (OPTION – N262, N262/1, N262/2) enables data exchange between the agricultural tractor and the manure spreader, improving spreading precision.



(OPTION – N262/1 and N262)
• **RIGHT-HAND DEFLECTOR** manually or hydraulically foldable



PRONAR N262/2 HERKULES

The **PRONAR N262/1** Herkules manure spreader has a 14-ton payload capacity and a 14 m³ loading box capacity. It is equipped with the AH20 horizontal spreading beater. Inside the loading box, a reinforced floor conveyor with four transport chains is installed.



PRONAR N262/1

The **PRONAR N262 Herkules**, with a 12-ton payload capacity and equipped with the AH20 horizontal spreading beater, spreads manure, peat, compost, lime and sewage sludge with a capacity of up to 4 m³/min. The spreading beater ensures precise and uniform spreading over widths ranging from 12 to 25 m.



PRONAR N262



The N and NV series spreaders can optionally be equipped with ISOBUS control, in which machine operating parameters required for fertiliser rate calculations are programmed. This increases machine functionality through the TC-GEO, TC-BAS and TC-SC functions, enabling modern precision farming practices.

The **PRONAR N262/2**, equipped with the AV20 vertical spreading beater, enables spreading of manure, peat, compost and lime with a capacity of up to 4 m³/min. Upon request, the N262/2 may also be equipped with a passively steered rear axle featuring a hydraulic steering lock system, as well as spreading deflectors.



PRONAR N262



MANURE SPREADERS

TECHNICAL DATA



TECHNICAL DATA:		UNIT	NV161/1	NV161/2	NV161/3
	CoC		√	√	√
	Permissible gross vehicle weight	[kg]	10500	12300	14200
	Load capacity	[kg]	6750	8490	10240
	Empty weight	[kg]	3750	3810	3960
	Technically permissible gross vehicle weight	[kg]	10500	12300	14200
	Load volume	[m³]	9.1	10.7	11.8
	Loading area	[m²]	6.7	6.7	6.7
	Internal loading area length	[mm]	4500	4500	4500
	Internal loading area width (bottom/top)	[mm]	1500/2000	1500/2000	1500/2000
	Overall dimensions (l / w / h)	[mm]	7350/2540/2550	7350/2540/2600	7330/2760/2700
	Loading box sidewall	[mm]	1060	1160	1500
	Plate thickness (floor / side walls)	[mm]	4/4	4/4	4/4
	Loading height	[mm]	2150	2300	2430
	Wheel track	[mm]	2050	2050	2170
	Suspension		Single Axle, Rigid	Single Axle, Rigid	Single Axle, Rigid
	Drawbar eye load	[kg]	2000	2500	3000
	Tyre size		18.4-34	18.4-38	23.1-26
	Design speed	[km/h]	30	30	30
	Minimum tractor power requirement	[KM]	70-80	75-90	80-100
	PTO speed	[rpm]	540	540	1000
	Beater type		AV20(15165)	AV20(15165)	AV20(15180)
	Maximum spreading width	[m]	8-12	8-12	8-12



NV161/4	NV161/5	N162/1	N262	N262/1	N262/2
√	√	-	√	√	√
17200	18900	13000	18660	21200	21000
12290	13650	8400	12000	14000	13800
4910	5250	4600	6660	7200	7600
17200	18900	13000	18660	21200	24600
13.1	14.9	9	11.3	14	18
7.5	8.5	8.5	8.9	11.1	11.1
5000	5680	4400	4500	5600	5600
1500/2000	1500/2000	1930	1955/1995	1955/1995	1955/1995
7970/2970/2740	8650/2970/2740	7420/2510/3430	8000/2510/3740	9000/2550/3740	8780/2540/3450
1250	1250	1040	1265	1265	1200/300
4/4	4/4	3/3	4/3	4/3	4/3
2370	2370	2500	2800	2800	2800
2300	2300	1900	1900	1940	1940
Single Axle, Rigid	Single Axle, Rigid	Single Axle, Parabolic Springs	Tandem, Parabolic Springs	Tandem, Parabolic Springs	Tandem, Parabolic Springs
3000	3000	2000	2200	2200	3000
650/65-30,5	650/65-30,5	600/50-22,5	550/60-22,5	600/50-22,5	600/55-22,5
30	30	25	40	40	40
100-115	120-130	85-95	127.3/93.6	147.4/108.3	170
1000	1000	1000	1000	1000	1000
AV20(15180)	AV20(15180)	AV40	AH20	AH20	AV20(20183)
8-12	8-12	6	25	25	12

* Structurally permissible parameters; homologation parameters may differ from those stated.
** Unladen weight differs for configurations other than the standard version.

 Learn more







ISOBUS OR DSKD (DYNAMIC SPREAD RATE CONTROL SYSTEM)



ISOBUS is an international electronic communication standard for agriculture, defined by ISO 11783, whose purpose is to standardise data exchange between tractors, implements and farm management systems, regardless of equipment manufacturer. The system is based on a communication bus that enables data transmission and control of machine functions through a single terminal located in the operator's cab. As a result, once a machine is connected, it is automatically recognised and all key parameters and functions can be operated via a unified user interface.

In PRONAR manure spreaders, the implementation of ISOBUS significantly improves the precision and efficiency of organic fertiliser application. The system enables automatic adjustment of the fertiliser application rate according to the tractor's forward speed and predefined operating parameters by regulating the speed of the floor conveyor and spreading components. This ensures uniform material distribution across the entire field. At the same time, the operator can continuously monitor machine performance and control functions such as starting and stopping the spreading process or adjusting the operating intensity of the spreading beater.

Integration of the ISOBUS system with satellite positioning technologies enables advanced precision farming functions, including variable-rate fertiliser application based on soil conditions, as well as the creation of application maps and documentation of completed field operations. This helps reduce nutrient losses, eliminate overlaps and optimise resource utilisation. In addition, all operational data can be recorded and used within farm management systems, facilitating performance analysis and compliance with record-keeping requirements. As a result, ISOBUS represents an important element of modern agriculture, contributing to increased production efficiency and reduced environmental impact.

PRONAR offers solutions for N and NV series manure spreaders through two main packages:

1. ISOBUS Package with LCD Display and Spreader Speed Antenna electronically regulates the speed of the spreader's floor conveyor according to changes in the travelling speed of the tractor-trailer combination, based on previously defined operating parameters.
Additional functions operated manually via the ISOBUS display include: adjustment of floor conveyor speed and direction; raising and lowering of the slide gate; opening and closing of deflectors (depending on model); raising and lowering of the support leg; steering axle lock operation (where available).
2. This package is intended for tractors equipped with an integrated ISOBUS terminal capable of receiving the required vehicle speed signal. The system operates in the same way as Package 1 and, depending on the tractor model, may additionally support operation based on variable-rate application maps.

An alternative electronic control solution is the DSKD (Dynamic Spread Rate Control System), available in two versions:

1. DSKD BASIC - control panel is supplied with the machine, enabling operation of spreader functions such as: floor conveyor speed adjustment; floor conveyor direction control; raising and lowering of the slide gate; system activation and deactivation.
2. DSKD FULL - An extended version that additionally supports operation of the deflector flaps (depending on the model).



12

SLURRY TANKERS

PRONAR slurry tankers are specialised machines designed for the transport and application of liquid fertilisers, such as slurry and liquid manure. They are available with steel or composite tanks, with capacities ranging from 4,000 to 21,000 litres. The machines are distinguished by their robust construction, high-performance pumps (up to 6,000 L/min) and safety and ventilation systems that enhance operational safety. Composite tanks are lightweight, corrosion-resistant and lower the machine's centre of gravity, improving stability and manoeuvrability.



SLURRY TANKERS

1 SLURRY TANKERS – STEEL TANK

T314 | T315 | T316

2 SLURRY TANKERS – COMPOSITE TANK

TG110 | TG214 | TG219 | TG221

SPEED
MAXIMUM



CAPACITY



LOAD CAPACITY



DMC



TDMC



40

4|5|6

4|5,5|6

5,8|7,2|8,6

5,8|7,2|8,6



40

10|14|19|21

8,3|15,7|19|21

15|21|27|29

15|21|27|29



PAINT COATING

A high-performance paint finish system with excellent corrosion resistance and durable coating protection safeguards the trailer against weather conditions and UV radiation, extending its service life and maintaining its attractive appearance for years.



SIDEWALLS
GALVANISED STEEL
SHEET



SIDEWALLS
GREEN RAL6010



CHASSIS
ANTHRACITE
RAL 7021

(OPTION)
CUSTOM PAINT
FINISH COLOURS
AVAILABLE
ACCORDING
TO THE RAL
CLASSIC COLOUR
SYSTEM.



PRONAR TG214



SLURRY TANKERS

METAL

T314 | T315 | T316



● **opening REAR MANHOLE** with a diameter of 500 mm provides easy access to the interior of the tank, while **THE DRAIN OUTLET** located at the lowest point of the tank enables complete and rapid emptying of its contents



● **two additional CONNECTIONS** on the right- and left-hand sides of the tanker, capped and prepared for the installation of a manual shut-off valve



HIGH-PERFORMANCE PUMP from a renowned manufacturer, with a capacity of 4,350–6,150 L/min, providing rapid filling and efficient liquid discharge



● **COMPOUND VACUUM/PRESSURE GAUGE AND SIPHON VALVE** enable continuous monitoring of vacuum and pressure inside the tank, increasing operational safety



Profiled SPLASH PLATE

● **4" REAR SLIDE Gate** hydraulically operated and controlled from the tractor, ensuring fast and convenient tank emptying without the operator having to leave the cab

● **DOUBLE WELDS (internal and external) ON TANKS** made of high-strength steel and hot-dip galvanised, increasing tank tightness and structural durability

● **HOT-DIP GALVANISING** protects surfaces against corrosion, extending machine service life even under demanding operating conditions

● **Two TANK LEVEL INDICATORS** in the form of sight glasses located on the front end cap allow continuous visual monitoring of liquid level from both sides of the machine, improving convenience and operational accuracy

● **4" SUCTION HOSE** (Ø 110 mm), 6 m long, equipped with a suction strainer at the end, allowing convenient intake of liquid even from hard-to-reach locations

● **SINGLE-AXLE CHASSIS FRAME CONSTRUCTION** with the tank bolted to the frame ensures high stability during transport and operation while facilitating manoeuvring on uneven terrain

TWO-LINE PNEUMATIC BRAKING SYSTEM

PRONAR T316

The **PRONAR T316** slurry tanker is designed for users seeking greater capacity while retaining the stability advantages of a single-axle design. The high-performance pneumatic system, robust frame and proven PRONAR construction ensure reliability, high productivity and low operating costs over the long term.



PRONAR T316

The **PRONAR T316** is a compact and reliable slurry tanker ideally suited to the day-to-day needs of farms and smaller agricultural service providers. Its robust single-axle chassis frame and hot-dip galvanised steel tank ensure excellent durability and corrosion resistance, resulting in a long service life.



PRONAR T316

High-Performance Compressor enables rapid filling and emptying of the tank, significantly reducing operating time. Simple operation, good manoeuvrability and stable transport characteristics make the **PRONAR T314** an economical and practical solution for efficient management of natural fertilisers.



PRONAR T314



SLURRY TANKERS

COMPOSITE TANKERS

TG110 | TG214 | TG219 | TG221

EQUIPMENT (STANDARD)

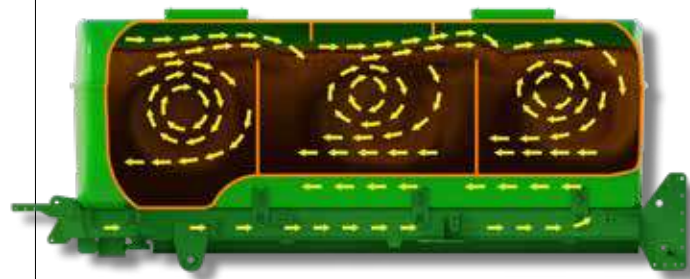
1 DESIGN AND DURABILITY



Robust FRAME manufactured from closed-section members or steel profiles, ensuring a long service life even under intensive operating conditions



SINGLE-ROTOR PROGRESSIVE CAVITY PUMP with high suction and discharge capacity, ensuring rapid filling and emptying of the tanker



HIGH-STRENGTH COMPOSITE TANKS provide excellent resistance to deformation, while **internal reinforcements (baffles)** improve safety by limiting liquid movement during transport (arrows indicate liquid movement during mixing)

3 FUNCTIONALITY



SLURRY TANKER CONTROL PANEL allows convenient control of filling, emptying and hydraulic functions from the tractor cab



APPLICATOR CONTROL PANEL provides precise control of applicator operation, enabling adjustment of application rate and operating mode



LED LIGHTS, WORK LIGHTS AND MARKER LIGHTS ensure excellent vehicle visibility under all operating conditions



TOOLBOX, WHEEL CHOCKS, LADDER AND LIQUID LEVEL INDICATORS keep all essential equipment within easy reach, ensuring smooth operation and minimising downtime

2 SAFETY AND COMFORT



FOLDING LADDER provides easy and safe access to the tank for inspection and maintenance



MOUNTING INTERFACE FOR SLURRY APPLICATORS allows connection of various types of applicators, adapting the tanker for precise subsurface or band application



SPLASH PLATE SPREADER ENSURES uniform distribution of slurry over a wide area



(OPTION) **DOCKING SYSTEM WITH 6" articulated suction arm controlled via the central hydraulic system control panel** (the suction arm can be folded to either the left- or right-hand side of the tanker)



SUCTION VALVES with hydraulic cylinders allow convenient liquid flow control without manual operation



SUCTION HOSES and pipes with protective strainer reduce the risk of drawing foreign objects into the system



HYDRAULIC DRAWBAR SUSPENSION absorbs vibrations during transport, increasing vehicle stability and operator comfort while protecting the tanker structure



(OPTION) **PASSIVELY STEERED REAR AXLE with hydraulic steering lock system improves manoeuvrability**, reduces turning radius and minimises soil compaction during field operation





SLURRY TANKERS

COMPOSITE TANKERS

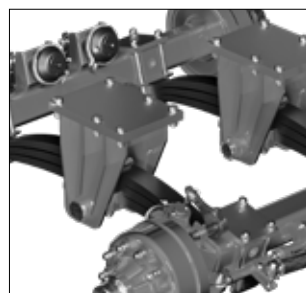
TG110 | TG214 | TG219 | TG221



• **LEVEL INDICATOR**
INTEGRATED with the ALB system provides automatic filling control and an additional safety safeguard during transport



PROGRESSIVE CAVITY PUMP for circulation and filling (540 rpm)



BOGIE SUSPENSION
(two-axle suspension system)



DRAIN VALVE



(OPTION TG221)
ISOBUS control system

COMPOSITE TANK reinforced with glass-fibre mats and fitted with internal transverse baffles; a special chemically resistant lining on the internal surfaces ensures maximum resistance to the aggressive effects of slurry

• **FILLING SYSTEM**
- **DOCKING SUCTION ARM WITH HYDRAULIC CYLINDER** allowing operation from either the left- or right-hand side

• **Special BOAT-HULL TANK DESIGN** provides a low centre of gravity; side recesses combined with a circumferential seam around the middle section of the tank improve stability during transport

• **6" VENT PIPES** protect the tank against excessive pressure build-up

• **FILLING / SERVICE HATCH**

• **HYDRAULICALLY SUSPENDED DRAWBAR** provides stability during transport

• **STONE TRAP** prevents unwanted foreign objects from entering the tank

• **ACTIVELY STEERED REAR AXLE** with hydraulic steering lock system (two hydraulic lines for connection to the tractor hydraulic system) increases manoeuvring comfort during headland turns (TG219, TG221)

• **30.5" WHEELS**
(TG219 | TG221)

• **2 SUCTION PIPES**
(Perrot quick couplings)
6" (TG110 | TG214 | TG219),
8" (TG221)

PRONAR TG221



PRONAR TG110

The **PRONAR TG219** slurry tanker equipped with a splash plate spreader (downward-directed slurry flow). A high-performance progressive cavity pump and a central hydraulic system operated from the tractor cab ensure rapid filling and efficient spreading.



PRONAR TG219

The **PRONAR TG221** slurry tanker equipped with a subsurface applicator allows fertiliser to be placed directly into the soil, maximising nutrient utilisation while minimising unpleasant odours.



PRONAR TG221



SLURRY TANKERS

EQUIPMENT (STANDARD)



TECHNICAL DATA		UNIT	T314	T315	T316
CoC			-	-	-
Permissible gross vehicle weight	[kg]		5800	7200	8650
Load capacity	[kg]		4000	5500	6000
Empty weight	[kg]		1800	1700	2650
Tank capacity	[l]		4000	5000	6000
Tank length	[mm]		3120	3460	3600
Tank diameter tank width / height	[mm]		1250	1400	1400
Tank wall thickness	[mm]		5	5	5
Overall dimensions					
Length	[mm]		5620	5965	6100
Width			2200	2300	2400
Height			2400	2430	2650
Tank mounting	[mm]		on the chassis frame	on the chassis frame	on the chassis frame
Tank filling / emptying system	[mm]		Pneumatic: vacuum / pressure	Pneumatic: vacuum / pressure	Pneumatic: vacuum / pressure
Wheel track	[mm]		1700	1770	1800
Chassis suspension			Single Axle, Rigid	Single Axle, Rigid	Single Axle, Rigid
Drawbar eye load	[kg]		1200	1300	1400
Tyre size			400/60R-15,5	500/50Rx17	500/60R-22,5
Design speed	[km/h]		40	40	40
Minimum tractor power requirement	[KM/kW]		45	54	65
PTO speed	[rpm]		540	540	540
Maximum compressor capacity	[KM]		4350	6150	6150

TG110	TG214	TG219	TG221
-	√	√	√
13000	21000	26000	28000
9550	15730	19000	21000
3450	5270	8000	8500
10000	14000	19000	21000
4050	5050	6750	6750
2080/1730	2080/1830	2100/1830	2100/1980
12	12	min. 15	min. 15
7330 2550 3370	8220 2550 3440	10300 2800 3500	10300 2800 3700
on the chassis frame	on the chassis frame	on the chassis frame	on the chassis frame
Single-Rotor Progressive Cavity Pump	Single-Rotor Progressive Cavity Pump	Single-Rotor Progressive Cavity Pump	Single-Rotor Progressive Cavity Pump
1980	1980	2200	2200
Single Axle, Rigid	Bogie, Leaf Springs	Bogie, Parabolic Springs	Hydraulic Tandem Suspension
3000	3000	3000	4000
560/60R22,5	560/60R22,5	600/55R26,5	600/55R26,5
40	40	40	40
80-100	170	220	250
540	540	540	540
4000	4000	4000	4000 / 6000





ALUMINIUM MUDGUARDS



PLASTIC MUDGUARDS mounted in front of or behind the wheel



WHEEL CHOCKS in galvanised holders



UNDERRUN PROTECTION

LIGHTING



LED PRONAR



SEALED LED LIGHTS with protective GUARD



BULB-TYPE LIGHTS with protective GUARD



12 V SEALED BULB-TYPE LIGHTS with protective guard



YELLOW FLASHING WARNING BEACON



FLASHING BEACON + NUMBER PLATE LIGHT



MARKER LIGHTS



MARKER AND POSITION LIGHTS

COMFORT



STEP ON DRAWBAR



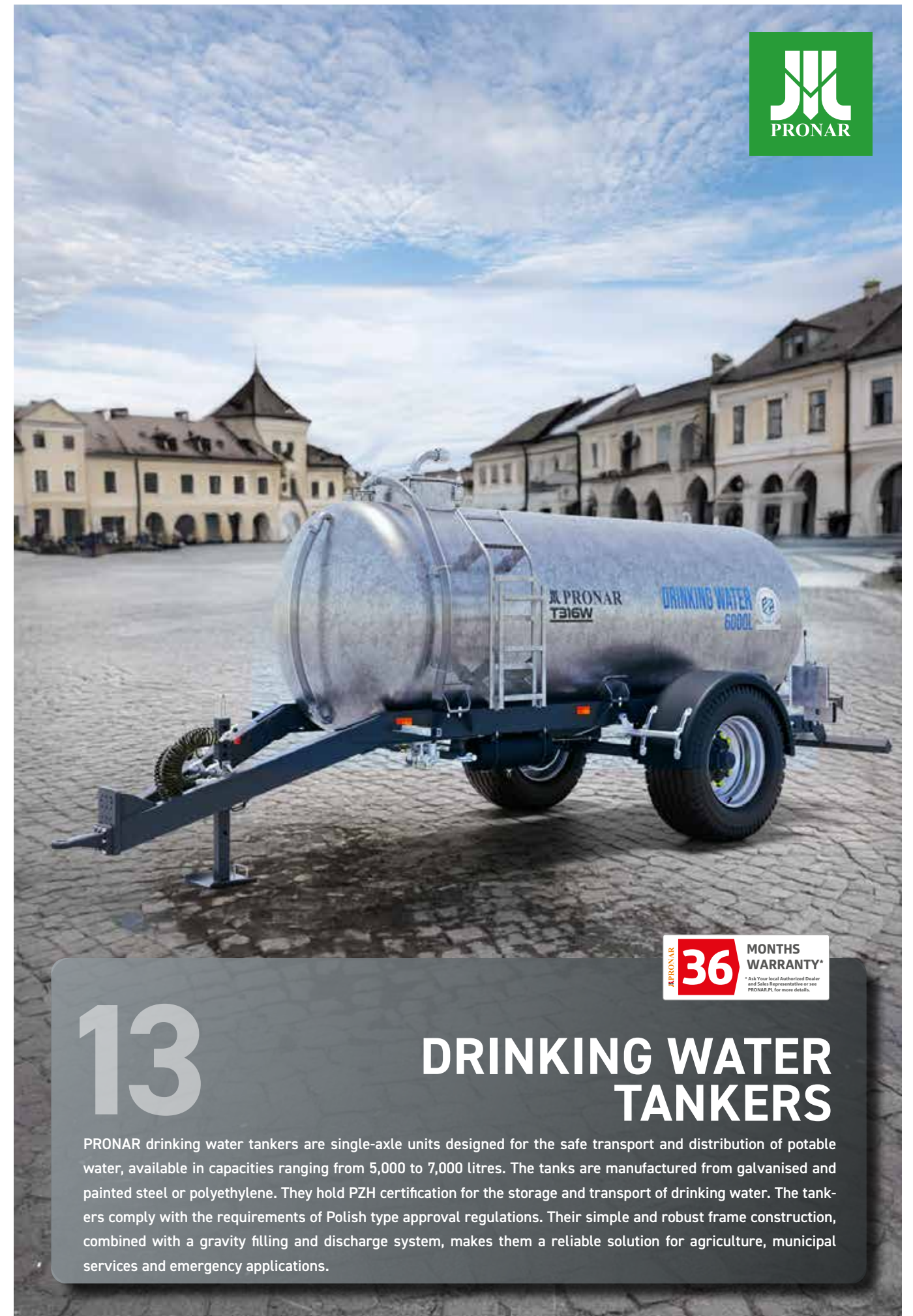
TOOLBOX



WATER TANK



slow-moving vehicle EMBLEM



36 MONTHS WARRANTY*

13

DRINKING WATER TANKERS

PRONAR drinking water tankers are single-axle units designed for the safe transport and distribution of potable water, available in capacities ranging from 5,000 to 7,000 litres. The tanks are manufactured from galvanised and painted steel or polyethylene. They hold PZH certification for the storage and transport of drinking water. The tankers comply with the requirements of Polish type approval regulations. Their simple and robust frame construction, combined with a gravity filling and discharge system, makes them a reliable solution for agriculture, municipal services and emergency applications.



DRINKING WATER TANKERS

1 DRINKING WATER TANKERS – STEEL TANK

T315W | T316W | T317W

2 DRINKING WATER TANKERS – POLYETHYLENE TANK

T316W

SPEED
MAXIMUM



CAPACITY



LOAD CAPACITY



DMC



TDMC



5/6/7

5/6/7

6,6/8/9,2

7,2/8,7/10



6

6

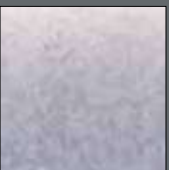
7,3

7,3



PAINT COATING

A high-performance paint finish system with excellent corrosion resistance and durable coating protection safeguards the trailer against weather conditions and UV radiation, extending its service life and maintaining its attractive appearance for years.



SIDEWALLS
GALVANISED STEEL
SHEET



SIDEWALLS
BLUE RAL5012



SIDEWALLS
WHITE RAL9003



CHASSIS
ANTHRACITE
RAL 7021

(OPTION)
CUSTOM PAINT
FINISH COLOURS
AVAILABLE
ACCORDING
TO THE RAL
CLASSIC COLOUR
SYSTEM.

PRONAR T316W

1 DESIGN AND DURABILITY



HOT-Dip Galvanised Steel Tank (galvanised inside and outside and painted externally) provides a long service life and complete corrosion resistance



POLYETHYLENE TANK single-wall design with a capacity of 6,000 litres, manufactured from high-quality polyethylene approved for contact with drinking water



CHASSIS FRAME manufactured from painted closed-section members, ensuring high structural rigidity and resistance to overloads

RIGID Drawbar integrated with the chassis frame for coupling to the tractor's lower transport hitch, improving stability during transport and manoeuvring

2 SAFETY AND COMFORT



INTERNAL BAFLE limits liquid movement during transport, improving vehicle stability and transport safety



Opening REAR MANHOLE with a diameter of 500 mm provides easy access to the interior of the tank, while **THE DRAIN OUTLET** located at the lowest point of the tank enables complete and rapid emptying of its contents



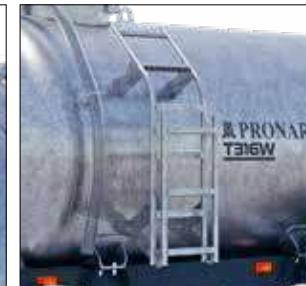
RIGID AXLE equipped with drum brakes ensures safe transport and effective braking even when the tanker is fully loaded



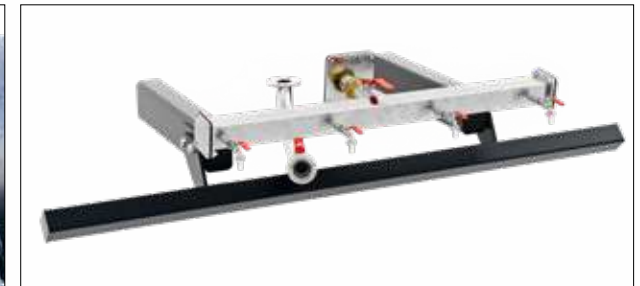
3 FUNCTIONALITY



TOP MANHOLE Ø 500 mm with a 2" filling connection fitted with a STORZ 52C fire brigade coupling enables fast and convenient filling using standard firefighting equipment without additional adapters. The large manhole diameter facilitates inspection and cleaning of the tank interior, improving safety and hygiene when handling drinking water



STRAIGHT LADDER provides easy and safe access to the upper parts of the tank, facilitating filling, inspection and maintenance



BEAM WITH FOUR TAPS – homologated rigid rear protective device (rear underrun bumper) enabling fast and convenient simultaneous water dispensing at several points, improving efficiency during water distribution operations



TANK LEVEL INDICATOR located on the front end cap, allowing continuous visual monitoring of the liquid level and improving operating convenience and accuracy





DRINKING WATER TANKERS



TECHNICAL DATA		UNIT	T315W	T316W	T316W	T317W
Manufactured in compliance with polish type approval requirements			√	√	√	√
 Permissible gross vehicle weight	[kg]		6600	8000	7300	9150
 Load capacity	[kg]		5000	6000	6000	7000
 Empty weight	[kg]		1600	2000	1220	2150
 Technically permissible gross vehicle weight	[kg]		7200	8700	7300	10000
 Tank material			Steel	Steel	Polyethylene	Steel
Certification for drinking water			√	√	√	√
Tank capacity	[kg]		5000	6000	6000	7000
Tank length	[l]		3460	4100	2670	4760
Tank dimensions	[mm]		Ø 1400	Ø 1400	1400x2130	Ø 1400
Tank wall thickness	[mm]		5	5	8-10	5
Overall dimensions	[mm]	Length	5600	6250	4500	6900
Width			2180	2280	2200	2380
Height			2490	2540	2530	2540
Tank filling / Emptying system	[mm]		Gravity Filling / Emptying System	Gravity Filling / Emptying System	Gravity Filling / Emptying System	Gravity Filling / Emptying System
Wheel track	[mm]		1750	1860	1750	1960
Chassis suspension	[-]		Single Axle, Rigid	Single Axle, Rigid	Single Axle, Rigid	Single Axle, Rigid
Drawbar eye load	[kg]		1300	1400	1400	2000
Tyre size			15.0/70-18	385/65R22,5 RE	15.0/70-18	385/65R22,5 RE
 Design speed	[km/h]		40	40	40	40
Minimum tractor power requirement	[KM/kW]		45	50	50	60



 **24** MONTHS WARRANTY*

* Ask Your local Authorized Dealer and Sales Representative or see PRONAR.PL for more details.

14

DOLLY CONVERTERS

DOLLY converters are designed for users seeking an efficient method of coupling a semi-trailer to an agricultural tractor. They are intended primarily for farm operators, as they significantly increase the traction capability of the tractor-semitrailer combination, making it easier to operate on difficult terrain. The key component is the fifth-wheel coupling, making its selection particularly important. PRONAR offers dolly converters that can be positioned in three different locations on the chassis frame, allowing the converter to be adapted to different semi-trailer front overhang configurations.



DOLLY CONVERTERS

1 SINGLE-AXLE DOLLY CONVERTERS

TD111

SPEED
MAXIMUM



LOAD CAPACITY



DMC



TDMC



2 TANDEM-AXLE DOLLY CONVERTERS

TD218



18

18

21



PAINT COATING

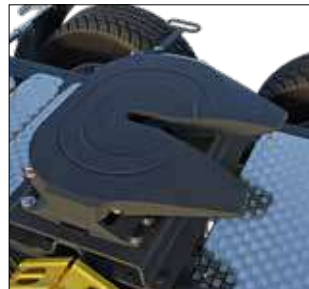
A high-performance paint finish system with excellent corrosion resistance and durable coating protection safeguards the trailer against weather conditions and UV radiation, extending its service life and maintaining its attractive appearance for years.



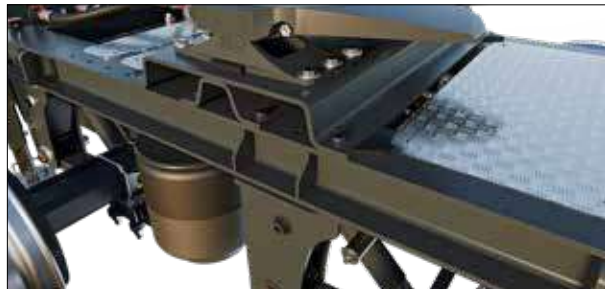
CHASSIS
ANTHRACITE
RAL 7021

(OPTION)
CUSTOM PAINT
FINISH COLOURS
AVAILABLE
ACCORDING
TO THE RAL
CLASSIC COLOUR
SYSTEM.

1 DESIGN AND DURABILITY



JOST FIFTH-WHEEL COUPLING (for a 2" kingpin; permissible fifth-wheel load of 11 tonnes) with three mounting positions on the chassis frame for adaptation to different semi-trailer front overhangs



Robust FRAME welded from a high-strength steel I-beam, ensuring a long service life and resistance to intensive use



SINGLE-AXLE AIR SUSPENSION (TD111) or **TANDEM AIR SUSPENSION** (TD218) with drum brakes ensures stability even under full load

3 FUNCTIONALITY



A SOLUTION ENABLING THE MOVEMENT OF SEMI-TRAILERS USING AN AGRICULTURAL TRACTOR, opening up new transport possibilities for farms and commercial operators



INDEPENDENT HYDRAULIC SYSTEM (oil reservoir with filter) provides a dedicated hydraulic supply, stable operation of connected hydraulic functions and protection of the hydraulic system against contamination, increasing reliability and operating comfort



SWIVEL DRAWBAR EYE COUPLING WITH Ø 50 mm EYE (OPTION: Ø 40 mm and K80)



STANDARD TYRES: 385/65R22.5 (possibility of fitting alternative ECE-approved tyre sizes: 425/65R22,5; 560/45R22,5)

2 SAFETY AND COMFORT



SUSPENSION with lift-and-lower function allows easy adjustment of fifth-wheel height to match the semi-trailer, increasing safety during coupling operations



HYDRAULIC CONNECTION OUTLET located above the drawbar, facilitating connection of the semi-trailer's hydraulic system



12 V LED LIGHTING SYSTEM with sealed electrical connections and marker lights ensures excellent visibility of the dolly converter on the road, while the rear mudflap reduces the spray of mud, water and stones from the wheels, protecting the rear of the vehicle and improving driving safety and comfort



Plastic MUDGUARDS (front and rear of the wheel) protect chassis components and the semi-trailer against dirt and damage



TD218 PNEUMATIC PARKING BRAKE prevents unintended vehicle movement, while the function enabling activation of the external hydraulic supply provides power to and operation of the hydraulic systems of the connected semi-trailer directly from the tractor's hydraulic system, increasing the versatility of the entire combination



TD111



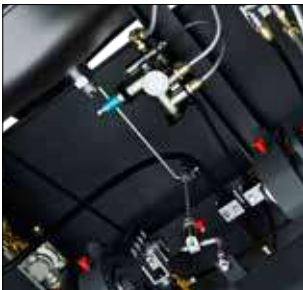


DOLLY CONVERTERS

TD111 | TD218



24 V Electrical OUTPUT (12 V / 24 V converter) for connecting the semi-trailer's electrical systems (one 15-pin socket; two 7-pin sockets - white and black)



"PREMIUM" TWO-LINE PNEUMATIC SYSTEM with automatic load-sensing braking system (ALB) for connection of the semi-trailer's braking system (red supply coupling; yellow control coupling; 7-pin ABS socket), mounted above the drawbar for easy access when connecting the semi-trailer braking system



TELESCOPIC DRAWBAR SUPPORT LEG with single-stage gearbox



REAR LIGHTING UNITS with protective guards against mechanical damage



electrical system with **SIDE MARKER LIGHTS**



PRONAR TD111

The dolly converter is intended for the transportation of semi-trailers within the farm premises. The possibility of operation on public roads is subject to the regulations applicable in the respective country.

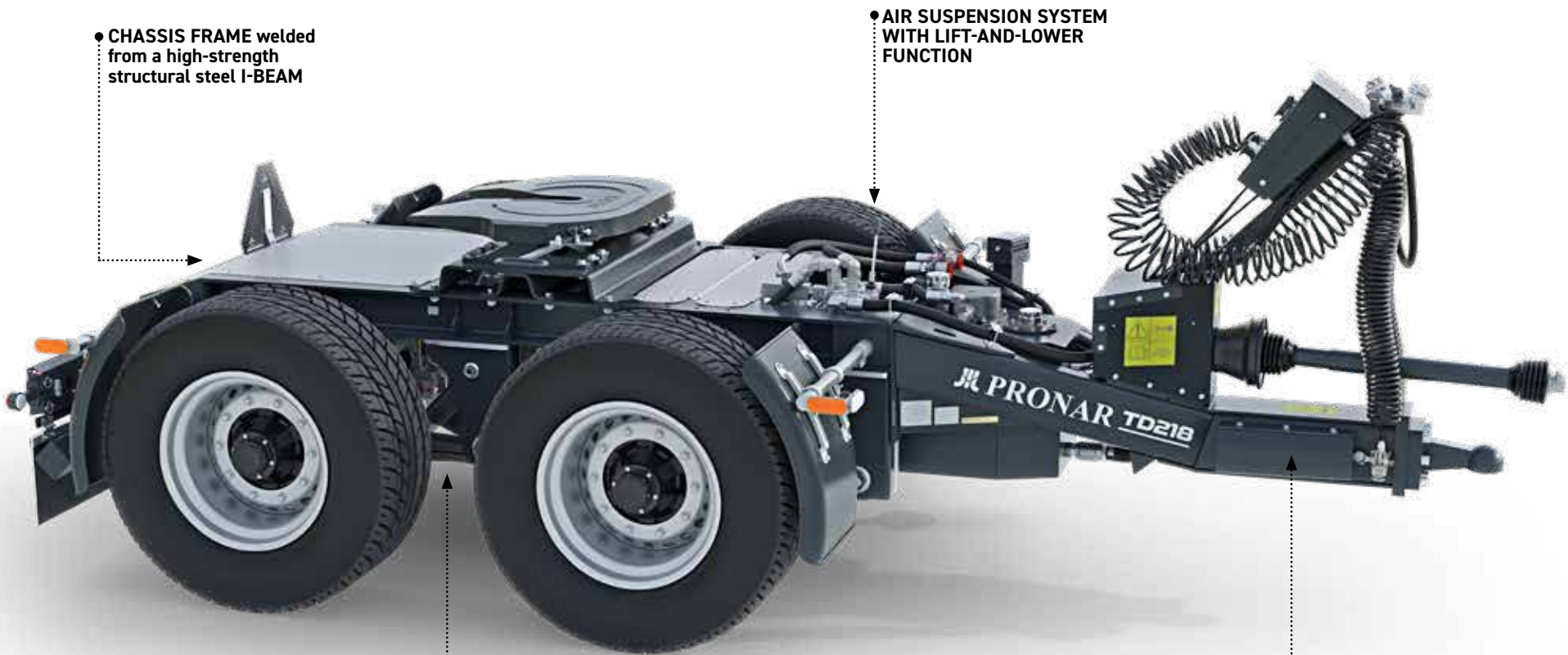


PRONAR TD218

JOST Fifth-Wheel Coupling (for a 2" kingpin; permissible fifth-wheel load of 18 tonnes) with three mounting positions on the chassis frame for adaptation to different semi-trailer front overhangs



PRONAR TD218



PRONAR TD218

• **CHASSIS FRAME** welded from a high-strength structural steel I-BEAM

• **AIR SUSPENSION SYSTEM** WITH LIFT-AND-LOWER FUNCTION

TANDEM AIR SUSPENSION with an axle spacing of 1,310 mm, rigid axles and Ø 410 × 120 mm DRUM BRAKES

INDEPENDENT HYDRAULIC SYSTEM WITH a 150-litre oil reservoir, pump and telescopic PTO shaft, electrically operated by wired remote control from the tractor cab

• **RIGID Y-Type Drawbar** integrated with the chassis frame, for coupling to the tractor's lower hitch



DOLLY CONVERTERS



TECHNICAL DATA		UNIT	TD111	TD218
 CoC			✓	✓
 Gross vehicle weight rating (GVWR) (EU type approval)	[kg]		9000	18000
 Payload capacity (EU type approval)	[kg]		9860	18000
 Empty weight	[kg]		2140	2925
 Technically permissible gross vehicle weight	[kg]		12000	21000
Overall dimensions				
Length	[mm]		4130	4630
Width			2525	2525
Height			1730	1730
Width with semi-trailer (max.)	[mm]		2550	2550
Height with semi-trailer (max.)	[mm]		4000	4000
Fifth-wheel height (ready-to-drive condition) *	[mm]		1200-1300	1200-1300
Wheel track	[mm]		2050	2050
Suspension			Single-Axle Air Suspension	Tandem Air Suspension
Drawbar eye load [kg]	[kg]		3000**	3000**
Tyre size			385/65R22,5	385/65R22,5
Design speed	[km/h]		40	40
 Minimum tractor power requirement	[KM/kW]		124.8/91.7	182/133.8

* depending on the selected air suspension ride height
** with the fifth wheel positioned fully forward and at maximum payload capacity









36

MONTHS WARRANTY*

15

TRUCK TRAILERS

PRONAR truck trailers are practical and durable solutions for transporting a wide variety of loads in agricultural, municipal and construction applications. Their design is based on robust chassis frames and high-quality running gear axles, ensuring reliability and safe operation. Some models additionally feature a three-way tipping system and can be operated with low- and medium-power tractors, making them versatile working tools for small and medium-sized farms.



TRUCK TRAILERS

1 TRUCK TRAILERS

PB3100 | PC2300

2 TRUCK TRAILERS

PB2100 | PC2100 | PC2100-1 | PC2200

SPEED
MAXIMUM



100

100

LOADING
AREA



16,5|14

10,1|12,3|12,3|19,3

LOAD CAPACITY



21|13,5

7|12,8|12,3|13,2

DMC



24|18

10|18|18|18

TDMC



27|18

10|18|18|18

PAINT COATING

A high-performance paint finish system with excellent corrosion resistance and durable coating protection safeguards the trailer against weather conditions and UV radiation, extending its service life and maintaining its attractive appearance for years.



ORANGE
RAL2008



ANTHRACITE
RAL 7021

(OPTION)
CUSTOM PAINT
FINISH COLOURS
AVAILABLE
ACCORDING
TO THE RAL
CLASSIC COLOUR
SYSTEM.

1 DESIGN AND DURABILITY



ROBUST CHASSIS FRAME based on I-beam sections and reinforced with a dense network of cross-members, providing high resistance to bending loads



9-TONNE AXLES increase trailer payload capacity and durability, enabling the safe transport of heavier loads



BPW or ATW SUSPENSION absorbs vibrations and stabilises the vehicle's path, protecting both the load and trailer components from excessive stresses



HEAVY-DUTY FLOOR – oak timber planks or HARDOX® steel

3 FUNCTIONALITY



FOLDABLE MECHANICAL RAMPS allow manual lowering of the loading ramps



LOAD SECURING LASHING POINTS recessed into the steel side rails, facilitating the secure fastening of transported machinery



PLASTIC MUDGUARDS protect the wheels and reduce the spray of mud, water and stones, improving safety and cleanliness



TURNTABLE STEERING SYSTEM improves manoeuvrability

2 SAFETY AND COMFORT



ABS on one or two axles prevents wheel lock-up during braking



TELESCOPIC SUPPORT LEGS located at the rear of the trailer, providing additional stability during loading and unloading operations



INSTALLATION 24 V ELECTRICAL SYSTEM



KNORR-BREMSE EBS electronically controls axle braking force, improves system response time and provides stability-control and diagnostic functions

ADDITIONAL EBS POWER SUPPLY FROM THE BRAKE LIGHT CIRCUIT ensures correct operation of the EBS system and stability-control functions even when power supplied from the towing vehicle is limited



UNDERRUN PROTECTION BARS prevent unwanted objects from entering beneath the trailer from the rear or sides



REAR LIGHTS protected by guards offering increased resistance to mechanical damage



SAFETY LOCKS AGAINST accidental opening





TRUCK TRAILERS

PB3100 | PC2300



LIGHTING WITH PROTECTIVE GUARD PLUS (OPTION)
AMBER WARNING BEACON, increasing trailer visibility during operation and manoeuvring



(OPTION) TOOLBOX FACILITATES quick servicing and maintenance operations



(OPTION) HYDRAULIC CABLE WINCH 6,500 kg or 8,000 kg facilitates loading and unloading of heavy machinery



SPARE WHEEL (PB3100) increases operator independence, even when working in demanding conditions such as fields or construction sites



MECHANICAL RAMP DEPLOYMENT SYSTEM



PRONAR PB3100

The **PRONAR PC2300** is an efficient and versatile solution for transporting heavy agricultural and construction machinery, offering a payload capacity of up to 13.5 tonnes and a robust three-axle suspension based on parabolic springs. The wide platform with optional extensions, anti-slip surface and stable wide ramps ensures easy and safe loading, while the twin wheels minimise the risk of sinking on soft ground.



PRONAR PC2300



PRONAR PC2300

• **RIGID DRAWBAR with A LOWER HITCH** coupling, providing a durable structure resistant to heavy loads and ensuring safe and stable handling of the combination

• **(OPTION) SPARE WHEEL - 1 OR 2 UNITS**

• **LOAD SECURING LASHING POINTS IN THE FLOOR 9 UNITS** securing the load against movement during transport

• **FLOOR - softwood planks, thickness 45 mm (pine / spruce)**

• **REAR SUPPORT LEGS (2 units) - swivelling, mechanically operated**

• **ADJUSTABLE DRAWBAR EYE HEIGHT** within a range of 1000 ±110 mm

235/75 R17.5 - 143/141J WHEELS (8 UNITS)

• **RUNNING GEAR plus UNDERRUN PROTECTION BARS** compliant with directive: 89/297/EWG

• **SINGLE-AXLE RELAY Emergency Parking Valve** with emergency braking function

AXLES: 2 × 9 TONNES (ATW)

• **BRAKING SYSTEM with KNORR-BREMSE EBS** including RSP function, improving vehicle stability

PRONAR PC2300

The **PRONAR PC2300** low-loader trailer is an excellent solution for transporting all types of machinery, including agricultural and construction equipment, as well as various loads. It is equipped with securing systems that prevent load movement during transport.



TRUCK TRAILERS

PRONAR PB2100 | PC2100 | PC2100-1 | PC2200



ROLL-UP TARPAULIN
provides additional protection
for the load



**ADJUSTABLE DRAWBAR
COUPLING** allows the
coupling height to be adapted to
different tractors or towing
vehicles.



(OPTION)
FRONT WALL PLATFORM



**UNDERRUN PROTECTION
BARS** prevent vehicles from
underrunning the trailer from
the side



(OPTION)
SPARE WHEEL mounted
beneath the trailer frame with
a winch facilitating removal
and installation



PRONAR PC2100 – features a special sidewall
opening system: the sidewalls are opened
manually using a lever located on the front wall
(right side – drop-side; left side – drop-side or
side-opening), while the rear sidewall opens
automatically during tipping.



(OPTION)
30-LITRE WATER TANK
with soap dispenser

(OPTION)
FRONT WALL PLATFORM



**UNDERRUN PROTECTION
BARS** compliant with
Directive:
89/297/EWG

PRONAR PC2100/1

A special sidewall opening system is used: the sidewalls are opened manually by means of a lever located on the front wall (right side – drop-side; left side – drop-side or side-opening), while the rear sidewall opens automatically during tipping. Loading Box is designed to accommodate 12 Euro pallets, which can be secured against movement using dedicated lashing points.



**Folding Sliding ROOF and
Sliding SIDE CURTAINS**

The **PRONAR PC2100** is a three-way tipper trailer ideally suited for transporting materials such as sand, stone, coal, rubble, as well as feed, sawdust and waste. The loading box is designed to accommodate 12 Euro pallets.



PRONAR PC2100

Trailer Unloading Left Sidewall opened and closed by hydraulic cylinders



PRONAR PC2100/1

The **PRONAR PC2200** has been designed for transport companies operating lighter vehicles, particularly suitable for palletised and high-volume cargo transport. Tarpaulin Customs Seal System allows customs seals to be fitted, enabling hassle-free international transport.



PRONAR PC2200



TRUCK TRAILERS

TECHNICAL DATA



TECHNICAL DATA:		PB3100	PC2300
 Gross vehicle weight rating (road use)	[kg]	24000	18000
 Payload capacity (road use)	[kg]	18000	13500
 Empty weight	[kg]	6000	4500
 Technically permissible gross vehicle weight	[kg]	27000	18000
 Load volume	[m³]	-	-
 Total loading area (+ extensions)	[m²]	20,5 (+ 3)	17,9 (+ 3,2)
Length of flat platform section	[mm]	6500	5500
Overall platform or loading box length	[mm]	8500	7020
Ramp length	[mm]	2200	1900
Approach angle	[°]	15	11.5
Floor or loading box width	[mm]	2540	2540
Floor width with extensions	[mm]	3000	3000
Overall dimensions			
Length	[kg]	11500	9500
Width		2550	2550
Height		2750	2500
Floor material		Softwood planks - 45 mm	Softwood planks - 45 mm
Platform height from ground level	[mm]	900	950
Number of axles / type	[pcs.]	3	2 / tandem
Axle load (road use)	[kg]	8000	9000
Braking system		Pneumatic with EBS	Pneumatic with EBS
Suspension type		BPW mechanical	Mechanical
Tyre size		235/75 R17,5 (143/141J)	235/75 R17,5 (143/141J)
 Design speed	[km/h]	100	100
Tipping system		-	-
Hydraulically lowered loading ramps		Yes	Yes
Load securing lashing points	[pcs.]	14	9



PB2100	PC2100	PC2100-1	PC2200
18000	18000	10000	18000
12300	12850	7000	13200
5700	5150	3100	4800
18000	18000	10000	10000
12	12	10.1	57
12.3	12.3	10.1	19.3
5100	5100	4190	7800
-	-	-	-
2410*	2410*	2420	2480*
-	-	-	-
7610 2550 2780	7610 2550 2780	~ 6500 2550 ~2500 (with tarpaulin)	10210 ± 300 2550 4000
sheet metal	sheet metal	sheet metal	sheet metal
1540	1540	up to 1300 mm	990
2	2 / tandem	2 / tandem	2 / tandem
9000	9000	-	9000
Pneumatic with EBS	Pneumatic with EBS	-	Pneumatic with EBS
Air	Air	Mechanical	Air
385/65 R 22,5 (160J,K)	385/65 R 22,5 (160J,K)	265/70 R19,5	265/70 R19,5 (160J)
100	100	100	100
Three-Way	Three-Way	-	-
-	-	-	-
-	-	-	-





DRAWBAR SUSPENSION

NOTES



HYDRAULIC



SPRING SUSPENSION



LEAF SPRING
LONGITUDINAL LEAF SPRING



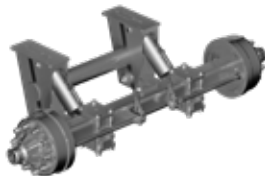
RUBBER / POLYMER SPRING

SUSPENSION

1 SINGLE-AXLE

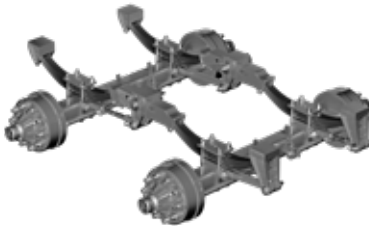
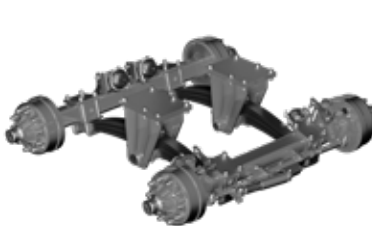


AIR



HYDRAULIC

2 TANDEM-AXLE



BOGIE

TANDEM

3 THREE-AXLE



TRIDEM

REAR CROSS MEMBER

Full Rear Cross Member without the possibility of installing a rear hitch
+ UNDERRUN PROTECTION BEAM



Split Rear Cross Member allowing installation of a rear hitch
+ UNDERRUN PROTECTION BEAM





PRONAR Sp. z o.o.

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We continuously improve our machines. Therefore, we reserve the right to make changes to this publication without prior notice.

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