



**BICSAK KFT.**

6400 Kiskunhalas, Malom sor  
Telefon/fax: 77/426-966



**TRAILERS**



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# single axle trailers





# T655

## PRONAR

	T655
Permitted total weight:	2980 [kg]
Load capacity*:	2000 [kg]
Empty weight:	980 [kg]
Load volume:	1,6 [m <sup>3</sup> ]
Load surface:	4,1 [m <sup>2</sup> ]
Carrying body internal length:	2910 [mm]
Carrying body internal width:	1410 [mm]
Overall dimensions (length/width/ height)	4425/1595/1270 [mm]
Carrying body height:	400 [mm]
Floor/sides thickness:	3/1,5 [mm]
Platform height, unladen:	855 [mm]
Axle track:	1150 [mm]
Suspension:	rigid
Permissible tongue load	480 [kg]
Tyre:	10,0/75-15,3
Max. permissible speed:	30 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	4/1300/8l/160bar
Minimal draft requirement:	20,8/15,3 [HP/kW]
Tip angle (rear / sides):	50/46 [°]

\* Constructional permitted total capacity: 2500 kg



- Slim design, reliable in gardens and orchards
- Single axle facilitates manoeuvring in crowded urban streets
- Tractor power demand from 20 hp
- Available in municipal and agricultural versions





PRONAR	T671
Permitted total weight:	6855 [kg]
Load capacity*:	5000 [kg]
Empty weight:	1855 [kg]
Load volume:	8,2 [m <sup>3</sup> ]
Load surface:	8,2 [m <sup>2</sup> ]
Carrying body internal length:	4010 [mm]
Carrying body internal width:	trapezium: 2010/2060 [mm]
Overall dimensions (length/width/ height)	5630/2240/2080 [mm]
Carrying body height:	500+500 [mm]
Floor/sides thickness:	3/2 [mm]
Platform height, unladen:	1045 [mm]
Axle track:	1530 [mm]
Suspension:	rigid
Permissible tongue load	1100 [kg]
Tyre:	400/60-15,5
Max. permissible speed:	30 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	4/1300/8/160bar
Minimal draft requirement:	36,4/26,7 [HP/kW]
Tip angle (rear / sides):	42/46 [°]

\* Constructional permitted total weight: **5500 kg**



- Single axle transfers weight on tractor and ensures better trailer manoeuvrability
- Hydraulic tipping cylinder secured to upper frame with ball bearing and seated in lower frame cradle.
- Frame with tarpaulin cover and operator platform providing protection against adverse atmospheric conditions (optional equipment)

## PRONAR

	T654
Permitted total weight:	3780 [kg]
Load capacity*:	2500 [kg]
Empty weight:	1280 [kg]
Load volume:	3,1 [m <sup>3</sup> ]
Load surface:	6,2 [m <sup>2</sup> ]
Carrying body internal length:	3310 [mm]
Carrying body internal width:	1860 [mm]
Overall dimensions (length/width/ height)	4825/2045/1320 [mm]
Carrying body height:	400 [mm]
Floor/sides thickness:	3/2 [mm]
Platform height, unladen:	880 [mm]
Axle track:	1500 [mm]
Suspension:	rigid
Permissible tongue load	605 [kg]
Tyre:	10,0/75-15,3
Max. permissible speed:	30 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	4/1300/8l/160bar
Minimal draft requirement:	26/19 [HP/kW]
Tip angle (rear / sides):	50/46 [°]

## T654

\* Constructional permitted total weight: **3000 kg**

- Structure reinforced with longitudinal transverse profiles
- Load box placed low facilitating loading.
- Ergonomic upper catches of sides and side wall extensions
- Reliable and durable wheel axle
- Drawbar support wheel





PRONAR	T654/1
Permitted total weight:	4990 [kg]
Load capacity*:	3500 [kg]
Empty weight:	1490 [kg]
Load volume:	6,2 [m <sup>3</sup> ]
Load surface:	6,2 [m <sup>2</sup> ]
Carrying body internal length:	3310 [mm]
Carrying body internal width:	1860 [mm]
Overall dimensions (length/width/ height)	4825/2045/2060 [mm]
Carrying body height:	500+500 [mm]
Floor/sides thickness:	3/2 [mm]
Platform height, unladen:	1020 [mm]
Axle track:	1500 [mm]
Suspension:	rigid
Permissible tongue load	750 [kg]
Tyre:	11,5/80-15,3
Max. permissible speed:	30 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	4/1300/8/160bar
Minimal draft requirement:	31,2/23 [HP/kW]
Tip angle (rear / sides):	50/46 [°]

\* Constructional permitted total weight: 4000 kg

- Pouring chute opening facilitating unloading to silo hoppers and various types of grain conveyors.
- Single conduit pneumatic brake system
- Ladder ensuring easy and convenient access to trailer interior (option)
- Central bolting at floor edges



double axle trailers







## PRONAR

## T653

Permitted total weight:	5950 [kg]
Load capacity:	4000 [kg]
Empty weight:	1950 [kg]
Load volume:	4,1 [m <sup>3</sup> ]
Load surface:	8,2 [m <sup>2</sup> ]
Carrying body internal length:	4010 [mm]
Carrying body internal width:	trapezium: 2010/2060 [mm]
Overall dimensions (length/width/ height)	6140/2230/1585 [mm]
Carrying body height:	500 [mm]
Floor/sides thickness:	3/2 [mm]
Platform height, unladen:	1050 [mm]
Axle track:	1600 [mm]
Suspension:	leaf springs
Permissible tongue load	- [kg]
Tyre:	10,0/75-15,3
Max. permissible speed:	30 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	4/1300/8/160bar
Minimal draft requirement:	36,4/26,7 [HP/kW]
Tip angle (rear / sides):	42/46 [°]

- Profiled sides with industrial durability guarantee long trailer use.
- Rigid, distortion resistant structure reinforced with longitudinal transverse profiles
- Precision ball bearing with pin protecting trailer tipping





# T653/1

## PRONAR

Permitted total weight:	7105 [kg]
Load capacity:	5000 [kg]
Empty weight:	2105 [kg]
Load volume:	8,2 [m <sup>3</sup> ]
Load surface:	8,2 [m <sup>2</sup> ]
Carrying body internal length:	4010 [mm]
Carrying body internal width:	trapezium: 2010/2060 [mm]
Overall dimensions (length/width/ height)	6140/2230/2130 [mm]
Carrying body height:	500+500 [mm]
Floor/sides thickness:	4/2 [mm]
Platform height, unladen:	1095 [mm]
Axle track:	1600 [mm]
Suspension:	leaf springs
Permissible tongue load	- [kg]
Tyre:	11,5/80-15,3
Max. permissible speed:	30 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	4/1300/8l/160bar
Minimal draft requirement:	41,6/30,6 [HP/kW]
Tip angle (rear / sides):	42/46 [°]

## T653/1



- Metal netting side wall extensions to transport green forage and maize
- Load box placed low facilitating loading.
- Frame with tarpaulin cover and operator platform providing protection against adverse atmospheric conditions (optional equipment)





PRONAR	T653/2
Permitted total weight:	8120 [kg]
Load capacity:	6000 [kg]
Empty weight:	2120 [kg]
Load volume:	8,2 [m <sup>3</sup> ]
Load surface:	8,2 [m <sup>2</sup> ]
Carrying body internal length:	4010 [mm]
Carrying body internal width:	trapezium: 2010/2060 [mm]
Overall dimensions (length/width/ height):	6052/2240/2170 [mm]
Carrying body height:	500+500 [mm]
Floor/sides thickness:	4/2 [mm]
Platform height, unladen:	1135 [mm]
Axle track:	1600 [mm]
Suspension:	leaf springs
Permissible tongue load	- [kg]
Tyre:	11,5/80-15,3
Max. permissible speed:	30 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	4/1300/8/160bar
Minimal draft requirement:	46,8/34,4 [HP/kW]
Tip angle (rear / sides):	42/46 [°]

- Hydraulic system and platform adapted to tip in three directions
- Side wall extensions increasing load capacity of trailer
- Rigid distortion resistant structure
- Rear access to second trailer and Pronar rear hitch





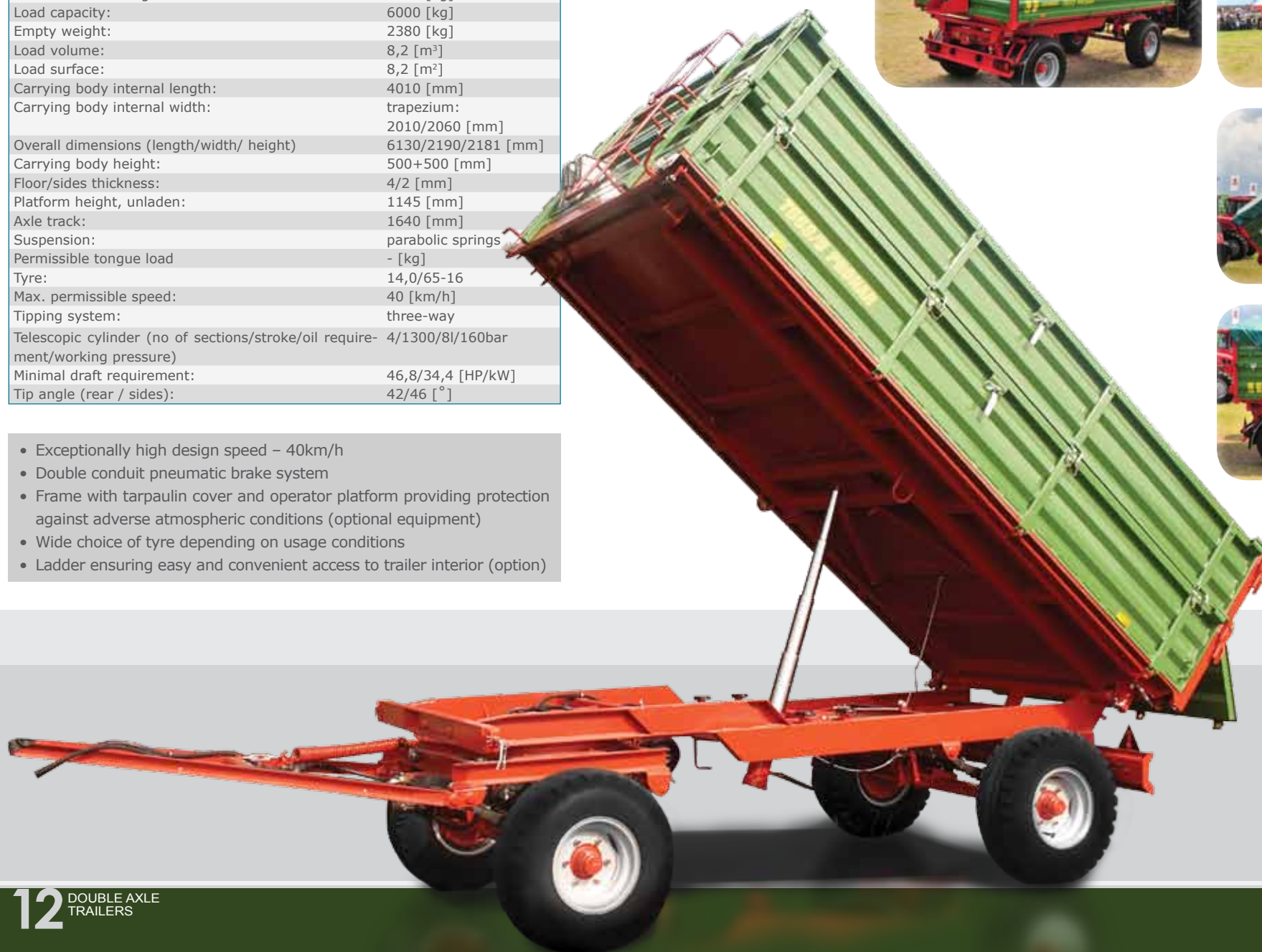
# T653/3

## PRONAR

## T653/3

Permitted total weight:	8380 [kg]
Load capacity:	6000 [kg]
Empty weight:	2380 [kg]
Load volume:	8,2 [m <sup>3</sup> ]
Load surface:	8,2 [m <sup>2</sup> ]
Carrying body internal length:	4010 [mm]
Carrying body internal width:	trapezium: 2010/2060 [mm]
Overall dimensions (length/width/ height):	6130/2190/2181 [mm]
Carrying body height:	500+500 [mm]
Floor/sides thickness:	4/2 [mm]
Platform height, unladen:	1145 [mm]
Axle track:	1640 [mm]
Suspension:	parabolic springs
Permissible tongue load	- [kg]
Tyre:	14,0/65-16
Max. permissible speed:	40 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	4/1300/8l/160bar
Minimal draft requirement:	46,8/34,4 [HP/kW]
Tip angle (rear / sides):	42/46 [°]

- Exceptionally high design speed – 40km/h
- Double conduit pneumatic brake system
- Frame with tarpaulin cover and operator platform providing protection against adverse atmospheric conditions (optional equipment)
- Wide choice of tyre depending on usage conditions
- Ladder ensuring easy and convenient access to trailer interior (option)





- Central bolting of sides at the floor reducing loading time
- Hydraulic tipping cylinder secured to upper frame with ball bearing and seated in lower frame cradle.
- Pouring chute with slide in rear side enabling precision control of pouring stream
- Profiled sides with industrial durability guarantee long trailer use.



PRONAR	T672
Permitted total weight:	10990 [kg]
Load capacity:	8000 [kg]
Empty weight:	2990 [kg]
Load volume:	9,8 [m <sup>3</sup> ]
Load surface:	9,8 [m <sup>2</sup> ]
Carrying body internal length:	4440 [mm]
Carrying body internal width:	trapezium: 2190/2240 [mm]
Overall dimensions (length/width/ height)	6455/2390/2243 [mm]
Carrying body height:	500+500 [mm]
Floor/sides thickness:	4/2 [mm]
Platform height, unladen:	1227 [mm]
Axle track:	1730 [mm]
Suspension:	leaf springs
Permissible tongue load	- [kg]
Tyre:	400/60-15,5
Max. permissible speed:	40 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	4//1700/13l/160bar
Minimal draft requirement:	62,4/45,8 [HP/kW]
Tip angle (rear / sides):	50/46 [°]





# T672/1

## PRONAR

## T672/1

Permitted total weight:	13160 [kg]
Load capacity:	10000 [kg]
Empty weight:	3160 [kg]
Load volume:	11,8 [m <sup>3</sup> ]
Load surface:	9,8 [m <sup>2</sup> ]
Carrying body internal length:	4440 [mm]
Carrying body internal width:	trapezium: 2190/2240 [mm]
Overall dimensions (length/width/ height):	6455/2390/2500 [mm]
Carrying body height:	600+600 [mm]
Floor/sides thickness:	5/2,5 [mm]
Platform height, unladen:	1290 [mm]
Axle track:	1700 [mm]
Suspension:	leaf springs
Permissible tongue load	- [kg]
Tyre:	15,0/70-18
Max. permissible speed:	40 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	4//1700/13/160bar
Minimal draft requirement:	72,8/53,5 [HP/kW]
Tip angle (rear / sides):	50/46 [°]



- Pouring chute opening facilitating unloading to silo hoppers and various types of grain conveyors.
- Strong side profile ensuring great stability
- Load box placed low facilitating loading.
- Exceptionally high design speed – 40km/h





PRONAR	T672/2
Permitted total weight:	14000 [kg]
Load capacity:	10400 [kg]
Empty weight:	3600 [kg]
Load volume:	11,8 [m <sup>3</sup> ]
Load surface:	9,8 [m <sup>2</sup> ]
Carrying body internal length:	4440 [mm]
Carrying body internal width:	trapezium: 2190/2240 [mm]
Overall dimensions (length/width/ height)	6455/2390/2580 [mm]
Carrying body height:	600+600 [mm]
Floor/sides thickness:	5/2,5 [mm]
Platform height, unladen:	1345 [mm]
Axle track:	1700 [mm]
Suspension:	Parabolic springs
Permissible tongue load	- [kg]
Tyre:	385/65 R22,5 RE
Max. permissible speed:	40 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	4//1700/131/160bar
Minimal draft requirement:	78/57,3 [HP/kW]
Tip angle (rear / sides):	50/46 [°]

- Hydraulic system and platform adapted to tip in three directions
- Side wall extensions increasing load capacity of trailer
- Ergonomic upper catches of sides and side wall extensions
- Rear access to second trailer and Pronar rear hitch





# T680

## PRONAR

## T680

Permitted total weight:	18000 [kg]
Load capacity:	13100 [kg]
Empty weight:	4900 [kg]
Load volume:	17,2 [m <sup>3</sup> ]
Load surface:	12,3 [m <sup>2</sup> ]
Carrying body internal length:	5100 [mm]
Carrying body internal width**:	2410 [mm]
Overall dimensions (length/width/ height)	7500/2550/3100 [mm]
Carrying body height:	800+600 [mm]
Floor/sides thickness:	5/2,5 [mm]
Platform height, unladen:	1400 [mm]
Axle track:	1900 [mm]
Suspension:	Parabolic springs
Permissible tongue load	- [kg]
Tyre:	385/65 R22,5 RE
Max. permissible speed:	40 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	5/1980/18l/200bar
Minimal draft requirement:	109,2/80,3 [HP/kW]
Tip angle (rear / sides):	47/47 [°]

\*\* Width adjusted for EUROPALET transportation



- Load box adapted to EUROPALET transport
- Spare wheel with securing bracket in standard equipment
- High bodywork tightness
- Frame with tarpaulin cover and operator platform providing protection against adverse atmospheric conditions (optional equipment)







- Portal door system (opening as gate)
- Resistant and water resistant plywood sides reducing risk of losses resulting from harmful atmospheric conditions
- Aluminium fittings with rubber seals enabling transport of e.g. oilseed rape
- Side and rear whole width pouring channel preventing the pouring of materials under trailer wheels

## PRONAR

## T680/P

Permitted total weight:	18000 [kg]
Load capacity:	13165 [kg]
Empty weight:	4835 [kg]
Load volume:	19,5 [m <sup>3</sup> ]
Load surface:	12,7 [m <sup>2</sup> ]
Carrying body internal length:	5250 [mm]
Carrying body internal width:	2410 [mm]
Overall dimensions (length/width/ height):	7270/2550/3250 [mm]
Carrying body height:	1540 [mm]
Side material:	Waterproof plywood
Floor/sides thickness:	5/18 [mm]
Platform height, unladen:	1400 [mm]
Axle track:	1900 [mm]
Suspension:	Parabolic springs
Permissible tongue load:	- [kg]
Tyre:	385/65 R22,5 RE
Max. permissible speed:	40 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure):	5/1980/18l/200bar
Minimal draft requirement:	109,2/80,3 [HP/kW]
Tip angle (rear / sides):	47/47 [°]

\*\*Width adjusted for EUROPALLET transportation





# T680/H

PRONAR	T680/H
Permitted total weight:	18000 [kg]
Load capacity:	12985 [kg]
Empty weight:	5015 [kg]
Load volume:	20,3 [m <sup>3</sup> ]
Load surface:	12,1 [m <sup>2</sup> ]
Carrying body internal length:	5020 [mm]
Carrying body internal width*:	242 [mm]
Overall dimensions (length/width/ height)	7270/2550/3070 [mm]
Carrying body height:	800+900 [mm]
Floor/sides thickness:	5/2,5 [mm]
Platform height, unladen:	1400 [mm]
Axle track:	1900 [mm]
Suspension:	Parabolic springs
Permissible tongue load	- [kg]
Tyre:	385/65 R22,5 RE
Max. permissible speed:	40 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	4/1700/131/200bar
Minimal draft requirement:	109,2/80,3 [HP/kW]
Tip angle (rear / sides):	47/47 [°]

\*Width adjusted for EUROPALLET transportation



- High bodywork tightness
- Hydraulically opening side wall
- Load box adapted to EUROPALLET transport
- Ball bearing facilitating tipping the load box to the rear and to the sides



# triple axle trailers





# T780

## PRONAR

Permitted total weight:	24000 [kg]
Load capacity:	16300 [kg]
Empty weight:	7700 [kg]
Load volume:	26 [m <sup>3</sup> ]
Load surface:	18,55 [m <sup>2</sup> ]
Carrying body internal length:	7696 [mm]
Carrying body internal width:	2410 [mm]
Overall dimensions (length/width/ height)	10087/2548/2800 [mm]
Carrying body height:	800+600 [mm]
Floor/sides thickness:	5/2,5 [mm]
Platform height, unladen:	1400 [mm]
Axle track:	1960 [mm]
Suspension:	parabolic springs
Tyre:	385/65 R22,5 RE
Max. permissible speed:	40 [km/h]
Tipping system:	2 cylinders, three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	5/2990/68l/180bar
Minimal draft requirement:	150/110,2 [HP/kW]
Tip angle (rear / sides):	47/45 [°]

## T780



- Width of load box adapted to EUROPALET transport
- 24 t permitted total gross weight
- 2-cylinder tipping system





tandem trailers



# T663/1

## PRONAR

Permitted total weight:	13290 [kg]
Load capacity:	10000 [kg]
Empty weight:	3290 [kg]
Load volume:	11,8 [m <sup>3</sup> ]
Load surface:	9,8 [m <sup>2</sup> ]
Carrying body internal length:	4440 [mm]
Carrying body internal width:	trapezium: 2190/2240 [mm]
Overall dimensions (length/width/ height):	6116/2390/2484 [mm]
Carrying body height:	600+600 [mm]
Floor/sides thickness:	5/2,5 [mm]
Platform height, unladen:	1250 [mm]
Axle track:	1700 [mm]
Suspension:	leaf springs
Permissible tongue load	1860 [kg]
Tyre:	15,0/70-18
Max. permissible speed	30 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	4/1700/13l/160bar
Minimal draft requirement:	67,6/49,7 [HP/kW]
Tip angle (rear / sides):	50/46 [°]

## T663/1



- Sides tipping sideways and downwards
- Rigid distortion resistant structure
- Tested, long-lasting load-bearing profile frames





## PRONAR

## T663/2

Permitted total weight:	9700 [kg]
Load capacity*:	7000 [kg]
Empty weight:	2700 [kg]
Load volume:	9,8 [m <sup>3</sup> ]
Load surface:	9,8 [m <sup>2</sup> ]
Carrying body internal length:	4440 [mm]
Carrying body internal width:	trapezium: 2190/2240 [mm]
Overall dimensions (length/width/ height)	6121/2390/2094 [mm]
Carrying body height:	500+500 [mm]
Floor/sides thickness:	4/2 [mm]
Platform height, unladen:	1060 [mm]
Axle track:	1650 [mm]
Suspension:	Parabolic springs
Permissible tongue load	1465 [kg]
Tyre:	11,5/80-15,3
Max. permissible speed:	30 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	4/1700/13/160bar
Minimal draft requirement:	57,2/42 [HP/kW]
Tip angle (rear / sides):	50/46 [°]

\* Constractional permitted total weight: **8000 kg**

- Hydraulic system and platform adapted to tip in three directions
- Central bolting at floor edges
- Ergonomic upper catches of sides and side wall extensions





# T663/3

## PRONAR

	T663/3
Permitted total weight:	13660 [kg]
Load capacity:	10000 [kg]
Empty weight:	3660 [kg]
Load volume:	11,8 [m 3]
Load surface:	9,8 [m 2]
Carrying body internal length:	4440 [mm]
Carrying body internal width:	trapezium: 2190/2240 [mm]
Overall dimensions (length/width/ height)	6115/2390/2554 [mm]
Carrying body height:	600+600 [mm]
Floor/sides thickness:	5/2,5 [mm]
Platform height, unladen:	1320 [mm]
Axle track:	1700 [mm]
Suspension:	leaf springs
Permissible tongue load	1880 [kg]
Tyre:	385/65 R22,5 (15R22,5) RE
Max. permissible speed:	40 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	4/1700/13/160bar
Minimal draft requirement:	72,8/53,5 [HP/kW]
Tip angle (rear / sides):	50/46 [°]



- Design speed of 40km/h
- Slide panel opening for grain in rear side
- Wheel wedges with holders







## PRONAR

## T683

Permitted total weight*:	19000 [kg]
Load capacity**:	14700 [kg]
Empty weight:	4300 [kg]
Load volume:	17,2 [m <sup>3</sup> ]
Load surface:	12,3 [m <sup>2</sup> ]
Carrying body internal length:	5100 [mm]
Carrying body internal width:	2420 [mm]
Overall dimensions (length/width/ height)	6778/2550/3100 [mm]
Carrying body height:	800+600 [mm]
Floor/sides thickness:	5/2,5 [mm]
Platform height, unladen:	1350 [mm]
Axle track:	1960 [mm]
Suspension:	Parabolic springs
Permissible tongue load	2000 [kg]
Tyre:	385/65 R22,5 RE
Max. permissible speed	40 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	5/1980/18l/200bar
Minimal draft requirement:	104/76,4 [HP/kW]
Tip angle (rear / sides):	50/46 [°]

\* Constructional permitted total weight: **20000** [kg]

\*\* Constructional permitted load capacity: **15700** [kg]

- Design load capacity 15.7 t
- Exceptionally high design speed – 40km/h
- Frame with tarpaulin cover and operator platform providing protection against adverse atmospheric conditions (optional equipment)





# T663/1 SILO

## PRONAR

## T663/1 SILO

Permitted total weight:	13625 [kg]
Load capacity:	10000 [kg]
Empty weight:	3625 [kg]
Load volume:	15,7 [m <sup>3</sup> ]
Load surface:	9,8 [m <sup>2</sup> ]
Carrying body internal length:	4440 [mm]
Carrying body internal width:	trapezium: 2190/2240 [mm]
Overall dimensions (length/width/ height):	6115/2455/3150 [mm]
Carrying body height:	600+500+500 [mm]
Floor/sides thickness:	5/2,5 [mm]
Platform height, unladen:	1252 [mm]
Axle track:	1700 [mm]
Suspension:	leaf springs
Permissible tongue load	1860 [kg]
Tyre:	15,0/70-18
Max. permissible speed:	30 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	4/1700/13l/160bar
Minimal draft requirement:	67,6/49,7 [HP/kW]
Tip angle (rear / sides):	50/46 [°]



- Load box sides of height 1600mm
- Three-way tipping system
- Optional guide attachment to slide panel grain chute





**monocoque trailers**



# T669

## PRONAR

Permitted total weight:	20000 [kg]
Load capacity:	14320 [kg]
Empty weight:	5680 [kg]
Load volume:	22,7 [m <sup>3</sup> ]
Load surface:	12,4 [m <sup>2</sup> ]
Carrying body internal length:	5500 [mm]
Carrying body internal width:	trapezium: 2200/2250 [mm]
Overall dimensions (length/width/ height)	7255/2550/3160 [mm]
Carrying body height:	1200+580 [mm]
Floor/sides thickness:	5/4 [mm]
Platform height, unladen:	1435 [mm]
Axle track:	1960 [mm]
Suspension:	Parabolic springs
Permissible tongue load	2000 [kg]
Tyre:	385/65 R22,5 RE
Max. permissible speed:	40 [km/h]
Tipping system:	one-way to the rear
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	5/2400/29l/200bar
Minimal draft requirement:	104/76,4 [HP/kW]
Tip angle (rear / sides):	50 [°]

## T669



- Stable travel in the most difficult conditions
- Tandem parabolic leaf spring suspension
- Drawbar shock absorbed with rubber underlays



# T669/1



PRONAR	T669/1
Permitted total weight:	20000 [kg]
Load capacity:	14000 [kg]
Empty weight:	6000 [kg]
Load volume:	22,7 [m <sup>3</sup> ]
Load surface:	12,4 [m <sup>2</sup> ]
Carrying body internal length:	5500 [mm]
Carrying body internal width:	trapezium: 2200/2250 [mm]
Overall dimensions (length/width/ height)	7255/2550/3160 [mm]
Carrying body height:	1200+580 [mm]
Floor/sides thickness:	5/4 [mm]
Platform height, unladen:	1435 [mm]
Axle track:	1960 [mm]
Suspension:	Parabolic springs
Permissible tongue load	2000 [kg]
Tyre:	385/65 R22,5 RE
Max. permissible speed:	40 [km/h]
Tipping system:	two - ways
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	5/2400/29l/200bar
Minimal draft requirement:	104/76,4 [HP/kW]
Tip angle (rear / sides):	50/45 [°]

- Chassis frame welded from rectangular closed profile
- Two sided tipping system (backwards, sideways)
- Two centrally bolted opening sides on right side





# T679

## PRONAR

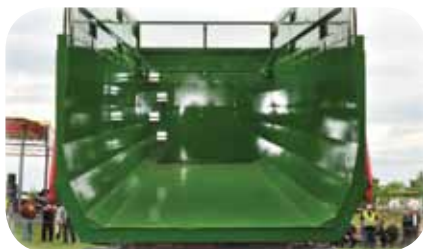
Permitted total weight:	16000 [kg]
Load capacity:	12000 [kg]
Empty weight:	4000 [kg]
Load volume:	15,8 [m <sup>3</sup> ]
Load surface:	10 [m <sup>2</sup> ]
Carrying body internal length:	4500 [mm]
Carrying body internal width:	trapezium: 2200/2250 [mm]
Overall dimensions (length/width/ height)	6259/2550/2866 [mm]
Carrying body height:	1000+580 [mm]
Floor/sides thickness:	5/4 [mm]
Platform height, unladen:	1240 [mm]
Axle track:	1860 [mm]
Suspension:	Parabolic springs
Permissible tongue load	1950 [kg]
Tyre:	385/65 R22,5 RE
Max. permissible speed:	40 [km/h]
Tipping system:	one-way to the rear
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	5/1980/18l/200bar
Minimal draft requirement:	83,2/61 [HP/kW]
Tip angle (rear / sides):	50 [°]

## T679



- Slide panel opening for grain in rear side
- Design speed of 40km/h
- Frame with tarpaulin cover to side tops (mounted optionally)





PRONAR	T700
Permitted total weight:	21000 [kg]
Load capacity:	14430 [kg]
Empty weight:	6570 [kg]
Load volume:	34,3 [m <sup>3</sup> ]
Load surface:	14,7 [m <sup>2</sup> ]
Carrying body internal length:	6694 [mm]
Carrying body internal width:	2198 [mm]
Overall dimensions (length/width/ height):	8500/2550/3900 [mm]
Carrying body height:	1500+830 [mm]
Floor/sides thickness:	4/4 [mm]
Platform height, unladen:	1475 [mm]
Axle track:	2060 [mm]
Suspension:	Parabolic springs
Permissible tongue load	3000 [kg]
Tyre:	425/65 R22,5 RE
Max. permissible speed:	25 lub 40 [km/h]
Tipping system:	one-way to the rear
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	5/2990/40l/200bar
Minimal draft requirement:	124,8/91,7 [HP/kW]
Tip angle (rear / sides):	55 [°]

- Maximum design gross weight 24 000kg
- 34m<sup>3</sup> load volume
- Hydraulic straight drawbar support as standard



## PRONAR

	T682
Permitted total weight:	33000 [kg]
Load capacity:	24000 [kg]
Empty weight:	9000 [kg]
Load volume:	22 [m <sup>3</sup> ]
Load surface:	17,8 [m <sup>2</sup> ]
Carrying body internal length:	8000 [mm]
Carrying body internal width:	trapezium: 2200/2250 [mm]
Overall dimensions (length/width/ height):	9900/2550/3330 [mm]
Carrying body height:	1200 [mm]
Floor/sides thickness:	5/4 [mm]
Platform height, unladen:	1495 [mm]
Axle track:	2000 [mm]
Suspension:	Parabolic springs
Permissible tongue load	3000 [kg]
Tyre:	385/65 R22,5 RE
Max. permissible speed:	40 [km/h]
Tipping system:	one-way to the rear
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	5/2990/72l/200bar
Minimal draft requirement:	182/133,8 [HP/kW]
Tip angle (rear / sides):	50 [°]



- Maximum design gross weight 33 000kg
- Drawbar with shock absorber leaf spring with height adjustment
- Triple axle suspension type on parabolic leaf springs with ADR torsion mechanism
- Load box raised backwards with the aid of two powerful hydraulic cylinders







- Extraordinarily resistant box, due to the application of HARDOX materials.
- Reliable and wear resistant wheel axles and brakes
- Possibility of equipping with wide profile tyre
- Taper leaf spring shock absorbers

PRONAR	T679/2
Permitted total weight:	16350 [kg]
Load capacity:	1200 [kg]
Empty weight:	4350 [kg]
Load volume:	7,7 [m <sup>3</sup> ]
Load surface:	10,9 [m <sup>2</sup> ]
Carrying body internal length:	4625/4500 [mm]
Carrying body internal width:	2410 [mm]
Overall dimensions (length/width/ height)	6230/2546/2080 [mm]
Carrying body height:	700 [mm]
Floor/sides thickness:	10/8 [mm]
Platform height, unladen:	1240 [mm]
Axle track:	1860 [mm]
Suspension:	Parabolic springs
Permissible tongue load	1950 [kg]
Tyre:	385/65 R22,5 RE
Max. permissible speed:	40 [km/h]
Tipping system:	one-way to the rear
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	5/2150/28l/200bar
Minimal draft requirement:	83,2/61 [HP/kW]
Tip angle (rear / sides):	55 [°]





# T701 BUILDING TRAILER

PRONAR	T701
Permitted total weight:	21000 [kg]
Load capacity:	14840 [kg]
Empty weight:	6160 [kg]
Load volume:	10,44 [m <sup>3</sup> ]
Load surface:	13,5 [m <sup>2</sup> ]
Carrying body internal length:	5600 [mm]
Carrying body internal width:	2410 [mm]
Overall dimensions (length/width/ height)	7360/2550/2330 [mm]
Carrying body height:	800 [mm]
Floor/sides thickness:	10/8 [mm]
Platform height, unladen:	1475 [mm]
Axle track:	1850 [mm]
Suspension:	Parabolic springs
Permissible tongue load	3000 [kg]
Tyre:	385/65 R22,5 RE
Constructional speed:	40 [km/h]
Tipping system:	2 cylinders, one-way
Telescopic cylinder(no of sections/stroke/oil requirement/working pressure)	5/1980/36l/200bar
Minimal draft requirement:	124,8/91,7 [HP/kW]
Tip angle:	60 [°]



- Long-lasting frame profile
- Maximum design gross weight 24000 kg
- Increased box tipping angle 60°



# manure spreaders





# N162/1 MANURE SPREADER HEROS

PRONAR	N162/1
Permitted total weight:	13000 [kg]
Load capacity:	8400 [kg]
Empty weight:	4600 [kg]
Load volume:	9 [m <sup>3</sup> ]
Load surface:	8,5 [m <sup>2</sup> ]
Carrying body internal length:	4400 [mm]
Carrying body internal width:	1930 [mm]
Overall dimensions (length/width/ height)	7420/2510/3430* [mm]
Carrying body height:	1040** [mm]
Floor/sides thickness:	3/3 [mm]
Platform height, unladen:	1460 [mm]
Axle track:	1900 [mm]
Suspension:	Single axle with parabolic springs
Permissible tongue load	2000 [kg]
Tyre:	600/50-22,5
Max. permissible speed:	25 [km/h]
Minimal draft requirement – sort of adapter	85/62,5 with AV40; 95/69,8 with AV20 [HP/kW]
PTO shaft	1000 [r.p.m]
Sort of adapter / max. spread width	AV40/8; AV20/16 [ - /m]

\* with z protective net

\*\* with wooden protective batten

- Vertical adapter 4-roll
- Single conduit adapter lubrication system
- 8.4 t design load capacity



# MANURE SPREADER HERKULES 12

# N262



- Hydraulically raised rear side (bolt and tail board flap)
- Spreading adapter typified by good disintegration and very wide spread
- Spread width - depending on type of material spread - may reach

## PRONAR

## N262

Permitted total weight:	18350 [kg]
Load capacity:	12000 [kg]
Empty weight:	6350 [kg]
Load volume:	11,3 [m <sup>3</sup> ]
Load surface:	8,9 [m <sup>2</sup> ]
Carrying body internal length:	4500 [mm]
Carrying body internal width:	trapezium: 1955/1995 [mm]
Overall dimensions (length/width/ height)	7800/2510/3740* [mm]
Carrying body height:	1265** [mm]
Floor/sides thickness:	4/3 [mm]
Platform height, unladen:	1530 [mm]
Axle track:	1900 [mm]
Suspension:	Tandem - parabolic springs
Permissible tongue load	2500 [kg]
Tyre:	550/60-22,5
Max. permissible speed:	25 [km/h]
Minimal draft requirement - sort of adapter	127,3/93,6 [HP/kW]
PTO shaft	1000 [r.p.m]
Sort of adapter / max. spread width	AH20 / 25 [ - /m]

\* with protective net

\*\* with wooden protective batten





# N262/1 MANURE SPREADER HERKULES 14

PRONAR	N262/1
Permitted total weight:	21200 [kg]
Load capacity:	14000 [kg]
Empty weight:	7200 [kg]
Load volume:	14 [m <sup>3</sup> ]
Load surface:	11,1 [m <sup>2</sup> ]
Carrying body internal length:	5600 [mm]
Carrying body internal width:	trapezium: 1955/1995 [mm]
Overall dimensions (length/width/ height)	8820/2550/3740* [mm]
Carrying body height:	1265** [mm]
Floor/sides thickness:	4/3 [mm]
Platform height, unladen:	1530 [mm]
Axle track:	1940 [mm]
Suspension:	parabolic springs
Permissible tongue load	2500 [kg]
Tyre:	600/50-22,5
Max. permissible speed:	40 [km/h]
Minimal draft requirement – sort of adapter	147,4/108,3 [HP/kW]
PTO shaft	1000 [r.p.m]
Sort of adapter / max. spread width	AH20 / 25 [ - /m]

\* with protective net

\*\* with wooden protective batten

- Maximum design gross weight 21 200kg
- Tandem type suspension
- 14m<sup>3</sup> load volume





**bale platform trailers**

PRONAR	T022	T025
Permitted total weight:	10000 [kg]	12000 [kg]
Load capacity:	7360 [kg]	9040 [kg]
Empty weight:	2640 [kg]	2960 [kg]
Load surface:	16,4 (17,7*) [m <sup>2</sup> ]	16,4 (17,7*) [m <sup>2</sup> ]
Platform length:	6495 [mm]	6495 [mm]
Load surface length:	6740 (7270*) [mm]	6740 (7270*) [mm]
Load surface width **:	2450 [mm]	2450 [mm]
Overall dimensions (length***/width/ height)	9135/2500/2780 [mm]	9135/2500/2860 [mm]
Frame height (from load surface)	1680 [mm]	1680 [mm]
Floor thickness:	3 [mm]	3 [mm]
Platform height, unladen:	1100 [mm]	1180 [mm]
Axle track:	1730 [mm]	1820 [mm]
Suspension:	parabolic springs	parabolic springs
Tyre:	400/60-15,5	500/50-17
Max. permissible speed:	40 [km/h]	40 [km/h]
Minimal draft requirement:	67,6/49,7 [HP/kW]	72,8/53,5 [HP/kW]

\* with extended rear frame

\*\* width adjusted for EUROPALLETE transportation

\*\*\* with hidden rear frame

- Platform width adapted to EUROPALET transport
- Adjustable rear frame extending load area
- Design speed of 40km/h
- Tandem parabolic leaf spring suspension
- T025 - Increased - in comparison to T022 - axle track and load capacity

PRONAR	T024
Permitted total weight:	12000 [kg]
Load capacity:	8900 [kg]
Empty weight:	3100 [kg]
Load surface:	17,4 [m <sup>2</sup> ]
Platform length:	7170 [mm]
Load surface width*:	2450 [mm]
Overall dimensions (length/width/ height)	9290/2500/2800 [mm]
Frame height (from load surface)	1680 [mm]
Floor thickness:	3 [mm]
Platform height, unladen:	1120 [mm]
Axle track:	1700 [mm]
Suspension:	parabolic springs
Permissible tongue load:	1925 [kg]
Tyre:	15,0/70-18TL
Max. permissible speed:	40 [km/h]
Minimal draft requirements:	62,5/45,9 [HP/kW]

\* width adjusted for EUROPALLET transportation

- Platform width adapted to EUROPALET transport
- Built on tandem type chassis
- Load capacity 9 t





# T023

## BALE PLATFORM TRAILERS

# T026



PRONAR	T023
Permitted total weight:	15000 [kg]
Load capacity:	11300 [kg]
Empty weight:	3700 [kg]
Load surface:	24 (26,2*) [m <sup>2</sup> ]
Platform length:	9695 [mm]
Load surface length:	9880 (10770*) [mm]
Load surface width **:	2450 [mm]
Overall dimensions (length***/width/ height)	11995/2500/2780 [mm]
Frame height (form load surface)	1680 [mm]
Floor thickness:	3 [mm]
Platform height, unladen:	1100 [mm]
Axle track:	1730 [mm]
Suspension:	parabolic springs
Tyre:	400/60-15,5
Max. permissible speed:	40 [km/h]
Minimal draft requirements:	83,2/61 [HP/kW]

\* with extended rear frame  
 \*\* width adjusted for EUROPALLETE transportation  
 \*\*\* with hidden rear frame

- Platform width adapted to EUROPALET transport
- Front axle turns on turntable
- Parabolic leaf spring suspension

PRONAR	T026
Permitted total weight:	18000 [kg]
Load capacity:	13720 [kg]
Unladen weight:	4280 [kg]
Load surface:	24 (26,2*) [m <sup>2</sup> ]
Platform length:	9695 [mm]
Load surface length:	9880 (10770*) [mm]
Load surface width **:	2450 [mm]
Overall dimensions (length***/width/ height)	11995/2500/2860 [mm]
Frame height (from load surface)	1680 [mm]
Floor thickness:	3 [mm]
Platform height, unladen:	1180 [mm]
Axle track:	1820 [mm]
Suspension:	parabolic springs
Tyre:	500/50-17
Max permissible speed:	40 [km/h]
Minimal draft requirements:	93,6/68,8 [HP/kW]

\* with extended rear frame  
 \*\* width adjusted for EUROPALLET transportation  
 \*\*\* with hidden rear frame

- Platform width adapted to EUROPALET transport
- Increased - in comparison to T023 - axle track and load capacity
- Design speed of 40km/h



# livestock transportation trailers





- Wooden floor impregnated with deep penetrating wood protection
- Lighting system
- Tarpaulin cover frame together with transverse connections

## PRONAR

PRONAR	T046
Permitted total weight:	5500 [kg]
Load capacity*:	3700 [kg]
Empty weight:	1800 [kg]
Load surface:	9,01 [m <sup>2</sup> ]
Carrying body length (up/down):	4160 [mm]
Carrying body width:	2360 [mm]
Overall dimensions (length/width/height)	6100/2515/2780 [mm]
Carrying body height:	1350 [mm]
Floor (impregnated wood)/ sides (waterproof plywood) thickness:	30/18 [mm]
Platform height, unladen:	700 [mm]
Axle track:	2100 [mm]
Suspension:	rigid
Permissible tongue load	600 [kg]
Tyre:	11,5/80 15,3
Max. permissible speed:	30 [km/h]
Minimal draft requirement:	28,6/21 [HP/kW]



PRONAR	T046/1
Permitted total weight:	8000 [kg]
Load capacity:	5360 [kg]
Empty weight:	2640 [kg]
Load surface:	14,1 [m <sup>2</sup> ]
Carrying body length (up/down):	5960 [mm]
Carrying body width:	2360 [mm]
Overall dimensions (length/width/height)	7980/2515/3012 [mm]
Wysokość ścian skrzyni:	1350 [mm]
Floor (impregnated wood)/sides (waterproof plywood) thickness:	30/18 [mm]
Platform height, unladen:	945 [mm]
Axle track:	2100 [mm]
Suspension:	leaf springs
Permissible tongue load	1000 [kg]
Tyre:	11,5/80 15,3
Max. permissible speed:	30 [km/h]
Minimal draft requirement:	41,6/30,6 [HP/kW]



- Load platform from water resistant anti-slip plywood
- Springs facilitating opening and closing of rear tail ramp
- Sides from water resistant plywood foil covered both sides, thickness. 18 mm





- Hydraulically lowered load box
- Sidewalls of metal sheet profile, thickness 3 mm
- 12 t permitted total gross weight



PRONAR	T046/2
Permitted total weight:	12000 [kg]
Load capacity:	8500 [kg]
Empty weight:	3500 [kg]
Load surface:	14 [m <sup>2</sup> ]
Carrying body internal length (up/down):	6990 [mm]
Carrying body internal width:	2300 [mm]
Overall dimensions (length/width/ height)	8920/2530/2800 [mm]
Carrying body height:	1400 [mm]
Floor/sides thickness:	4/3 [mm]
Platform height, unladen: (transportation / loading)	660/130 [mm]
Axle track:	2100 [mm]
Suspension:	hydraulic
Permissible tongue load:	1500 [kg]
Tyre:	11,5/80 15,3
Max. permissible speed:	40 [km/h]
Minimal draft requirement:	65/47,8 [HP/kW]





# T900 PUSH OFF DUMPER TRAILER

PRONAR	T900
Permitted total weight:	33000 [kg]
Load capacity:	23500 [kg]
Empty weight:	9500 [kg]
Load volume:	36,57 [m <sup>3</sup> ]
Load surface:	19,7 [m <sup>2</sup> ]
Carrying body internal length:	8320 [mm]
Carrying body internal width:	2370 [mm]
Overall dimensions (length/width/ height):	10510/2595/3543 [mm]
Carrying body height:	2000 [mm]
Floor/sides thickness:	6/4 [mm]
Platform height, unladen:	1500 [mm]
Axle track:	2150 [mm]
Suspension:	Parabolic springs
Permissible tongue load	3000 [kg]
Tyre:	445/65 R22,5 RE
Max. permissible speed:	40 [km/h]
Tipping system:	power push + tip mechanism
Telescopic cylinder (oil requirement/working pressure)	40l/200bar
Minimal draft requirement:	182/133,8 [HP/kW]
Tip angle (rear / sides):	55 [°]



- Innovative unloading system
- 33,000kg permitted total gross weight
- Double conduit pneumatic brake system
- Tridem suspension on parabolic leaf springs with central axle rigid and two axles active





- Tandem suspension on parabolic leaf springs with front axle rigid and rear axle active
- Drawbar with shock absorber leaf spring with height adjustment
- Hydraulically raised rear tailgate with automatic closure

**PRONAR**

**T902**

Permitted total weight:	23000 [kg]
Load capacity:	18000 [kg]
Empty weight:	7000 [kg]
Load volume:	30,8 [m <sup>3</sup> ]
Load surface:	16,8 [m <sup>2</sup> ]
Carrying body internal length:	7100 [mm]
Carrying body internal width:	2370 [mm]
Overall dimensions (length/width/ height)	9100/2550/3500 [mm]
Carrying body height:	2000 [mm]
Floor/sides thickness:	4/4 [mm]
Platform height, unladen:	1500 [mm]
Axle track:	2150 [mm]
Suspension:	Parabolic springs
Permissible tongue load	3000 [kg]
Tyre:	445/65 R22,5 RE
Max. permissible speed:	40 [km/h]
Tipping system:	power push + tip mechanism
Telescopic cylinder (oil requirement/working pressure)	30l/200bar
Minimal draft requirement:	124,8/91,7 [HP/kW]
Tip angle (rear / sides):	55 [°]





# T740 TRANSSHIPPING TRAILER

PRONAR	T740
Permitted total weight:	23000 [kg]
Load capacity:	15300 [kg]
Empty weight:	7700 [kg]
Load volume:	28 [m <sup>3</sup> ]
Unloading output:	200 - 400 [t/h]
Carrying body internal length:	6015 [mm]
Carrying body internal width:	2492 [mm]
Overall dimensions (length/width/ height)	9142/2900/3645 [mm]
Carrying body height:	1440+340 [mm]
Floor/sides/side extensions thickness:	4/4/3 [mm]
Platform height, unladen:	3400 [mm]
Axle track:	2200 [mm]
Suspension:	Parabolic springs, axles with passive steering system
Permissible tongue load:	3000 [kg]
Tyre:	700/50-26,5
Max. permissible speed	40 [km/h]
Minimal draft requirement	165/121,3 [HP/kW]
Hydraulically folded conveyor:	430 [mm]
Diameter:	5170 [mm]
Length:	4550 - 4850 [mm]

- 28 m<sup>3</sup> load volume
- Rapid trans-shipment
- Tandem parabolic leaf spring suspension







**PRONAR**

**T743**

Permitted total weight:	33000 [kg]
Load capacity:	22700* [kg]
Empty weight:	10300* [kg]
Load volume:	34 [m <sup>3</sup> ]
Unloading output:	200 - 400 [t/h]
Carrying body internal length:	7265 [mm]
Carrying body internal width:	2492 [mm]
Overall dimensions (length/width/ height)	10392/2900/3660 [mm]
Carrying body height:	1440+340 [mm]
Floor/sides/side extensions thickness:	4/4/3 [mm]
Platform height, unladen:	3415 [mm]
Axle track:	2200 [mm]
Suspension:	parabolic springs, rear and front steering axles with active control
Permissible tongue load:	3000 [kg]
Tyre:	700/50-26,5
Max. permissible speed	40 [km/h]
Minimal draft requirement	220/161,7 [HP/kW]
Hydraulically folded conveyer:	430 [mm]
Diameter:	5170 [mm]
Length:	4565 - 4865 [mm]

\* approx. data

- 34 m<sup>3</sup> load volume
- Rapid trans-shipment
- Tridem parabolic leaf spring suspension

PRONAR	T644/1
Permitted total weight	12100 [kg]
Load capacity:	8000 [kg]
Empty weight:	4100 [kg]
Load volume:	10,5* [m <sup>3</sup> ]
Number of box pillars	10 [m <sup>2</sup> ]
Load space internal length:	3500 (4340*) [mm]
Load space internal width:	1835 [mm]
Overall dimensions (length/width/ height)	6440*/2100/3300** [mm]
Maximum radius of operation:	1440 [mm]
Grab crane lifting capacity (using max. radius of operation):	6900 [mm]
Crane arm angle rotation:	450 [kg]
Maximum radius of operation:	400 [°]
Axle track	1670 [mm]
Suspension:	Pendulum bogie
Drawbar angle rotation (left/ right):	24°/24°
Permissible tongue load	2000 [kg]
Maximum bogie load	10500 [kg]
Tyre:	400/60-15.5 145A8 Flotation+
Max. permissible speed:	40 [km/h]
Minimal draft requirement:	65/47,8 [HP/kW]
Max pressure of hydraulic system:	180 bar

\* with extended rear frame

\*\* height with folded crane

- Crane on telescopic support with rotating grab
- Operated with hydraulic manifold from tractor
- Load capacity 8,000kg



TANDEM AXLE  
LOW LOADER

# RC2100



PRONAR	RC2100
Permitted total weight:	19000 [kg]
Load capacity:	14700 [kg]
Empty weight:	4300 [kg]
Load volume:	- [m <sup>3</sup> ]
Load surface of a flat part (+extensions):	14,0 (+ 2,7) [m <sup>2</sup> ]
Overall load surface	17,9 (+ 3,4) [m <sup>2</sup> ]
Length of a flat part	5500 [mm]
Platform overall length:	7020 [mm]
Overrun length	1900 [mm]
Floor width	2540 [mm]
Floor width with extensions	3040 [mm]
Overall dimensions (length/width/ height)	9160/2550/2500 [mm]
Floor thickness	oak 45 [mm]
Platform height, unladen:	970 [mm]
Axle manufacturer	ADR /ATW
No of axles	2 pcs
Axle load:	8000 [kg]
Permissible tongue load	3000 [kg]
Brake system	pneumatic
Suspension	mechanic
Tyre	215/75 R17,5
Max permissible speed	40 [km/h]

- Height of platform from ground 970 mm
- Total platform length 7 m
- Load capacity 14.7 t
- Hydraulic or mechanical loading ramps

PRONAR	T185
Permitted total weight:	15000 [kg]
Load capacity *	12130 [kg]
Empty weight of hook lift trailer :	2870 [kg]
Length w/o container:	5920 [mm]
Length with the shortest / longest container:	6415/6782 [mm]
Width w/o container:	2360 [mm]
Width with container (min/max):	2360/2550 [mm]
Coupling dimensions of containers:	
Hook height:	1450/1570 [mm]
Stringer width:	1070 [mm]
Permissible dimensions of container:	
Length (min/max):	4540 - 4907 [mm]
Width:	max. 2550 [mm]
Height:	max. 2000 [mm]
Height (w/o / with container)**:	2512/2898** [mm]
Max tip angle of container /oil requirement:	46/15 [°/l]
Axle track:	1830 [mm]
Suspension:	pendulum bogie
Permissible tongue load	2000 [kg]
Tyre:	500/50-17
Max. permissible speed:	40 [km/h]
Minimal draft requirement :	78/57,3 [HP/kW]

\* with container weight

\*\* with container of height 2000[mm]



- For the transport of containers up to 4.9m length
- Maximum gross weight 15,000 kg
- Tandem suspension with longitudinal rocker arms





- For the transport of containers up to 6.4m length
- Maximum gross weight 21,000 kg
- Tandem suspension with longitudinal rocker arms



PRONAR	T285
Permitted total weight:	21000 [kg]
Load capacity *	16360 [kg]
Empty weight of hook lift trailer :	4640 [kg]
Length w/o container:	7313 [mm]
Length with the shortest / longest container:	7413/8413 [mm]
Width w/o container:	2550 [mm]
Width with container (min/max):	2550 [mm]
Coupling dimensions of containers:	
Hook heigh:	1450/1570 [mm]
Roller track:	1060 [mm]
Permissible dimintions of container:	
Length (min/max):	5400/6400 [mm]
Width:	max. 2550 [mm]
Height:	max. 2500 [mm]
Height (w/o / with container)**:	2981/3650** [mm]
Max tip angle of container /oil requirement:	53/18 [°/l]
Axle track:	1990 [mm]
Suspension:	pendulum bogie
Permissible tongue load	3000 [kg]
Tyre:	385/65 R22,5 RE
Max. permissible speed:	40 [km/h]
Minimal draft requirement :	110/80,8 [HP/kW]

\* with container weight

\*\* with container of height 2500[mm]



PRONAR	PC2100
Permitted total weight:	18000 [kg]
Load capacity*:	12300 [kg]
Empty weight:	5700 [kg]
Load volume:	12 [m <sup>3</sup> ]
Load surface:	12,3 [m <sup>2</sup> ]
Carrying body internal length:	5100 [mm]
Carrying body internal width**:	2410 [mm]*
Carrying body height:	1000 [mm]
Overall dimensions (length/width/ height)	7610/2550/2780 [mm]
Floor/sides thickness:	5 Hardox / 4 Domex [mm]
Platform height, unladen:	1540 [mm]
Axle manufacturer:	BPW
No of axles:	2 [szt]
Axle load:	9000 [kg]
Brake system:	pneumatic with EBS
Suspension (pneumatic / mechanic):	pneumatic
Tyre:	385/65 R 22,5 (160J,K)
Max. permissible speed:	100 [km/h]
Tipping system:	three-way
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	6/1875/22/300bar

\* Width adjusted for EUROPALLET transportation



- Super resistant Domex sidewalls and Hardox floor
- Knorr-Bremse pneumatic brake system
- Load capacity 12.3t
- Design speed of 100 km/h





- Movable side curtains and roof
- Width of load box adapted to EUROPALET transport
- BPW pneumatic suspension
- Design speed of 100km/h



PRONAR	PC2200
Permitted total weight:	18000 [kg]
Load capacity*:	13200 [kg]
Empty weight:	4800 [kg]
Load volume:	57 [m <sup>3</sup> ]
Load surface:	19,3 [m <sup>2</sup> ]
Carrying body internal length:	7800 [mm]
Carrying body internal width**:	2480 [mm]
Carrying body height:	600/2970 [mm]
Overall dimensions (length/width/ height)	10210±450/2550/4000 [mm]
Floor/sides thickness:	27 sklejka / 25 Al [mm]
Platform height, unladen:	990 [mm]
Axle manufacturer:	BPW
No of axles:	2 [szt]
Axle load:	9000 [kg]
Brake system:	pneumatic with EBS
Suspension (pneumatic / mechanic):	pneumatic
Tyre:	265/70 R19,5 (160K)
Max. permissible speed:	100 [km/h]
Tipping system:	-
Telescopic cylinder (no of sections/stroke/oil requirement/working pressure)	-

\* Width adjusted for EUROPALET transportation





# VMP10

## FEED WAGON

PRONAR	VMP10
Permitted total weight:	7700 [kg]
Load capacity*:	4000 [kg]
Empty weight:	3700 [kg]
Load volume:	10 [m <sup>3</sup> ]
Load surface of a tank (top) **	4,8 [m <sup>2</sup> ]
Tank length (top)	3530 [mm]
Tank width (top)	2490 [mm]
Tank height ***	1588 [mm]
Extension height	250 [mm]
Inner diameter of a tank floor	1960 [mm]
Overall dimensions (length/width/ height)*	4860/2550/2670 [mm]
Floor/Sides/ Extension thickness	20/8/8 [mm]
Tank height form the ground level, unladen	820 [mm]
Axle track	1700 [mm]
Suspension:	rigid
Permissible tongue load:	1300 [kg]
Tyre	30x11.5-14.5 RE
Max. permissible speed:	25 [km/h]
Weight system	4-point
Feed distribution system	on a side
P.T.O	540 [r.p.m]
Revolution of a mixer (with, WOM revolution 540 r.p.m.)	25 [r.p.m]
Minimal draft requirements:	60/44,1 [HP/kW]

\* with an extension 250mm

\*\* load surface at the upper protective rim

\*\*\* inner height of a tank without extensions

- To serve herd of cows numbering 50 - 60 animals
- Possibility of setting cutting knives in 3 positions
- Possibility of increasing container volume by 2 m<sup>3</sup> (to 12 m<sup>3</sup> total volume)







PRONAR	T130
Permitted total weight:	3500 [kg]
Load capacity:	2520 [kg]
Empty weight:	980 [kg]
Load volume:	2 [m <sup>3</sup> ]
Load surface*	3,8 [m <sup>2</sup> ]
Carrying body internal length:	2749 [mm]
Carrying body internal width:	1386 [mm]
Carrying body height:	625 [mm]
Load surface height:	1670 [mm]
Overall dimensions (length/width/ height):	4950/1770/1670 [mm]
Side thickness:	2 [mm]
Axle track:	1500 [mm]
Suspension:	rigid
Permissible tongue load	500 [kg]
Tyre:	10,0/75-15,3
Max. permissible speed:	40 [km/h]
Width of a conveyer belt:	800 [mm]
No of discs of spreading adapter:	2 [pcs]
Maximal revolutions of discs	150** [r.p.m]
Working width:	1700-3000 [mm]
Minimal draft requirement :	47,6/35 [HP/kW]
Hydraulic system pressure:	16 [MPa]
Minimal output of a tractor's hydraulic system:	32 [l/min]

\* Load surface consists of a net-lid

\*\*with oil output 32 l/min

- Trailer load capacity 2,520 kg
- Design speed of 40 km/h
- Two spreading discs





[www.pronar.pl](http://www.pronar.pl)



Technical data contained in the directory to several of completion equipment found in both versions of the standard and above standard. Due to the constant process of improvement of these figures may change. The manufacturer reserves the right to make changes without notice. This publication does not constitute an offer to trade.

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DEALER:



**BICSAK KFT.**

6400 Kiskunhalas, Malom sor

Telefon/fax: 77/426-966

**Pronar Sp. z o.o.** 17-210 Narew, ul. Mickiewicza 101A, POLAND, tel./fax: +48 85/681 63 29, 681 64 29, fax: +48 85/681 63 83