

KELT XXL

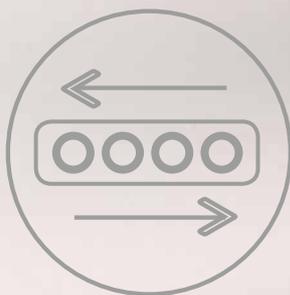
MULTIPURPOSE LOADING
SEMI-TRAILER

NEW 2019



MAKE YOUR MONEY WORK!

Tractor multipurpose loading semi-trailer KELT XXL is designed for transportation of agricultural cargo by hard-surface roads, earth roads, fields and cross-country, except of waterlogged areas.



Trailer is unloaded by means of closed conveyor belt.

One of the KELT XXL features is three-axle chassis which provides low unit pressure on soil (tire pressure is 2,2 atm) and maximum axial load allowing to use fully loaded trailer on public roads.

With additional equipment KELT XXL is capable to unload grain, spread fertilizers and much more.



28 m³, 36 m³, 43 m³



28 t



from 170 hp

The only and full compliance with road laws of Ukraine and EU countries in terms of dimensions and load on axle!



MAXIMUM COST-EFFECTIVENESS

KELT XXL has no separate frame and consists of integral body with mounted elements of chassis and pivoting bogie, which provides sufficient durability with low weight.

MANEUVERABILITY

Design of chassis with front pivoting bogie enables easier maneuvering on limited work sites.



OFF-ROAD CAPABILITY AND REDUCED FUEL CONSUMPTION

Trailer can be equipped with tire pressure regulation system (up to 4 atm) which works during movement and increases off-road capability, as well as reduces fuel consumption.

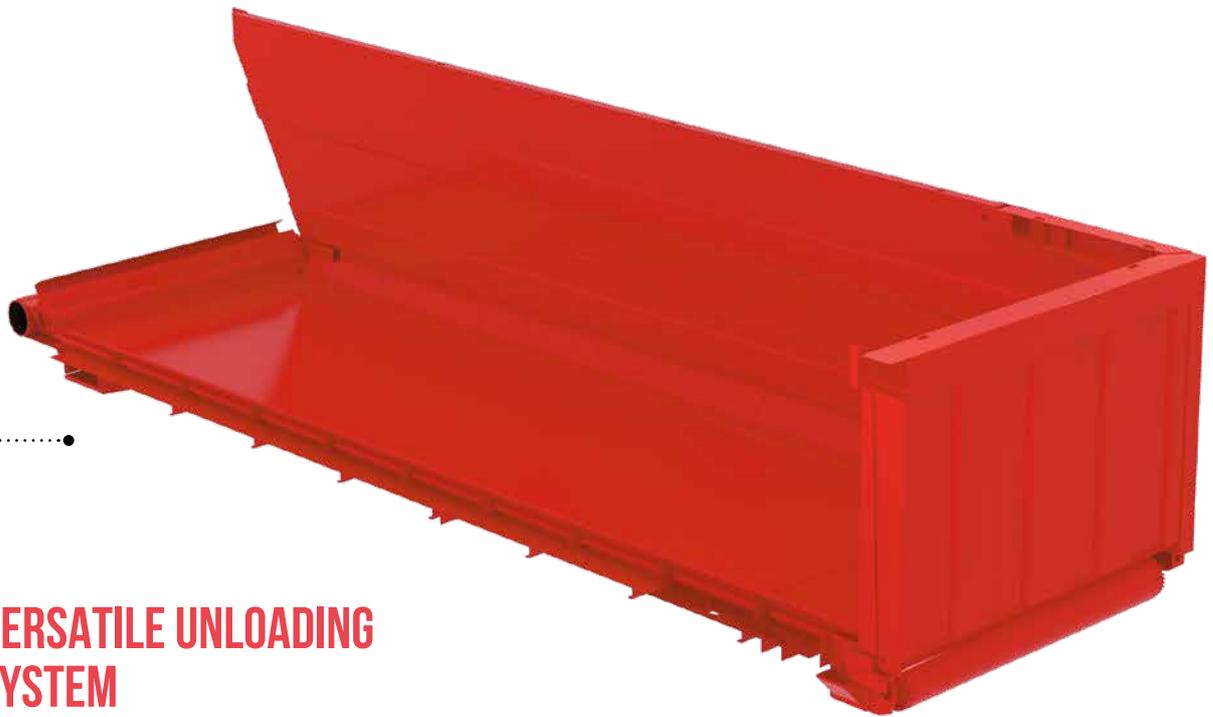


ADDITIONAL SIDES

Trailer can be equipped with two sets of additional sides with height of 400 and 800 mm. With additional sides trailer volume will be 36 and 43 m³ correspondingly.

28 m³, 36 m³, 43 m³





VERSATILE UNLOADING SYSTEM

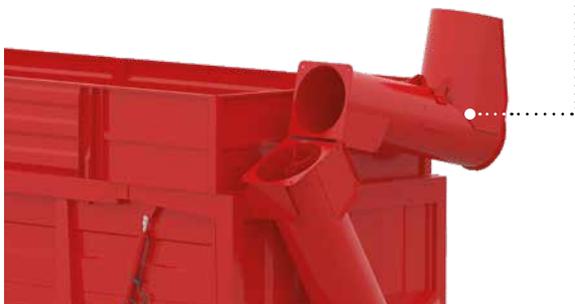
Trailer is unloaded by means of belt conveyor with width equal to body bottom width. Belt bears on the body bottom. Conveyor drive drum is rotated by hydraulic motor.

Friction between bottom and conveyor belt is reduced by the air lubrication system.

Conveyor unloading allows to mount additional equipment.

Such system allows to unload semi-trailer in low ceiling hangars, on uneven ground and during movement.

SCREW CONVEYOR



Screw conveyor is mounted instead of tail gate on its fittings. Mounting is very simple.

Semi-trailer (21 t) full unloading time is 3 minutes maximum.

Unloading can be performed on non-prepared sites and during movement. In transport position screw conveyor is folded across the body and not extends beyond it.

VERSATILITY



Trailer and pivoting bogie are joined by means of standard bolster, which enables to transport trailer by tractor trucks and to use pivoting bogie for this purpose.

Due to its design trailer can be coupled with tractor by means of towing eye of 50 mm or 90 mm, and drawbar allows to change towing eye during operation.

FERTILIZERS SPREADER



Spreader is easily mounted instead of tail gate. Horizontal beaters and spreading plates and driven by tractor hydraulic system.

CONVINIENCE

KELT XXL is equipped with convenient ladder (height from first stair to bottom is no more than 400 mm) which is folded up in transport position and not obstruct bogie pivoting.

Ladder stairs have nonslipping surface. There is a big window covered with transparent plastic on the body front, which ensures good view inside the body.



TECHNICAL CHARACTERISTICS	KELT XXL
Loading capacity, t	21
Useful capacity, m ³ : - base - with additional sides of 400 mm - with additional sides of 800 mm	28 36 43
Unloading time, min	2
Transport speed by hard surface roads, km/h	40
Transport speed by soil, km/h	20
Number of axles, pcs.	3
Body internal dimensions, mm: - length - width - height - height to body bottom - height with sides of 400 mm - height with sides of 800 mm	7 500 2 200-2 325 1 600 1 400 2 000 2 400
Basic design weight, kg	6 200
Full unladen weight, kg	27 500
Axle load, kg	8 000
Vertical load on tractor coupler, kg	3 500
Overall dimension in transport position, mm: - length - width - height - height with sides of 400 mm - height with sides of 800 mm	10 000 2 550 3 000 3 400 3 800
Off-road features: - road clearance, mm - rear overhang angle, (значок градуса) - allowed tire pressure at full load, MPa - allowed maximum tire pressure, MPa - maximum tire pressure change time, min - minimum turning radius, m	480 42 11 0,24 0,41 2 7

MAKE YOUR OWN DESIGN!

Additional units	CLASSIC	PRESTIGE	PREMIUM
Tire pressure regulation system	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Lighting technology with incandescent lamps	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lighting technology with LED lamps	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Brake system with pneumatic drive	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Brake system with combined pneumatic and hydraulic drive	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Outrigger set for body	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Manually driven tent	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tent driven from tractor cab	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Hydraulic distributor with electric control from tractor cab	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Hydraulic power station driven by tractor PTO shaft	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Unloading and additional equipment remote control system	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Additional equipment and background video observation system	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Weight measuring system with printer output	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Weight measuring system with GPRS data output	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Tail gate with window for dosated unloading	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Air compressor driven by hydraulic motor for supplying tire pressure change system and conveyor belt air lubrication	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Road tires	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Multi-purpose tires	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Body front window	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Additional sides of 400 mm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Additional sides of 800 mm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Screw conveyor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fertilizers spreader	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

equipped

optionally equipped

not equipped



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