

TL-1750-DRE

Double Row Trailed Potato Harvester



The new TL-1750-DRE double row trailed potato harvester has no equal in Africa. It was designed and developed in South Africa for African conditions.

It boasts a short digging web that has a greater capacity, and is capable of handling larger volumes and due to this valuable time is saved which translates into greater profits.

The TL-1750-DRE has hydraulically driven torque hubs on the wheels that assist the tractor. The wheels are also hydraulically steerable which allows for a smaller turning circle which helps with those awkward tight turns at the end of the field.

The axle can also be hydraulically tilted to compensate for slopes in the field thus helping to keep the TL-1750-DRE horizontal and stable.

A hydraulically adjustable drawbar ensures that precise tracking between the tractor and harvester can be achieved. Drawbar positioning can be set to inline trailed or offset trailed as the need arises.

The 2 ton bunker allows the TL-1750-DRE to continue harvesting without interruption while the next trailer on rotation is brought into position, so that it may be filled on the move by the retractable discharge elevator.

The proven Q-drive system limits abrasion to a minimum, which contributes toward the durability and low maintenance cost of the TL-1750-DRE.



The **TURNER** TL-1750-DRE is backed by a complete spares service.

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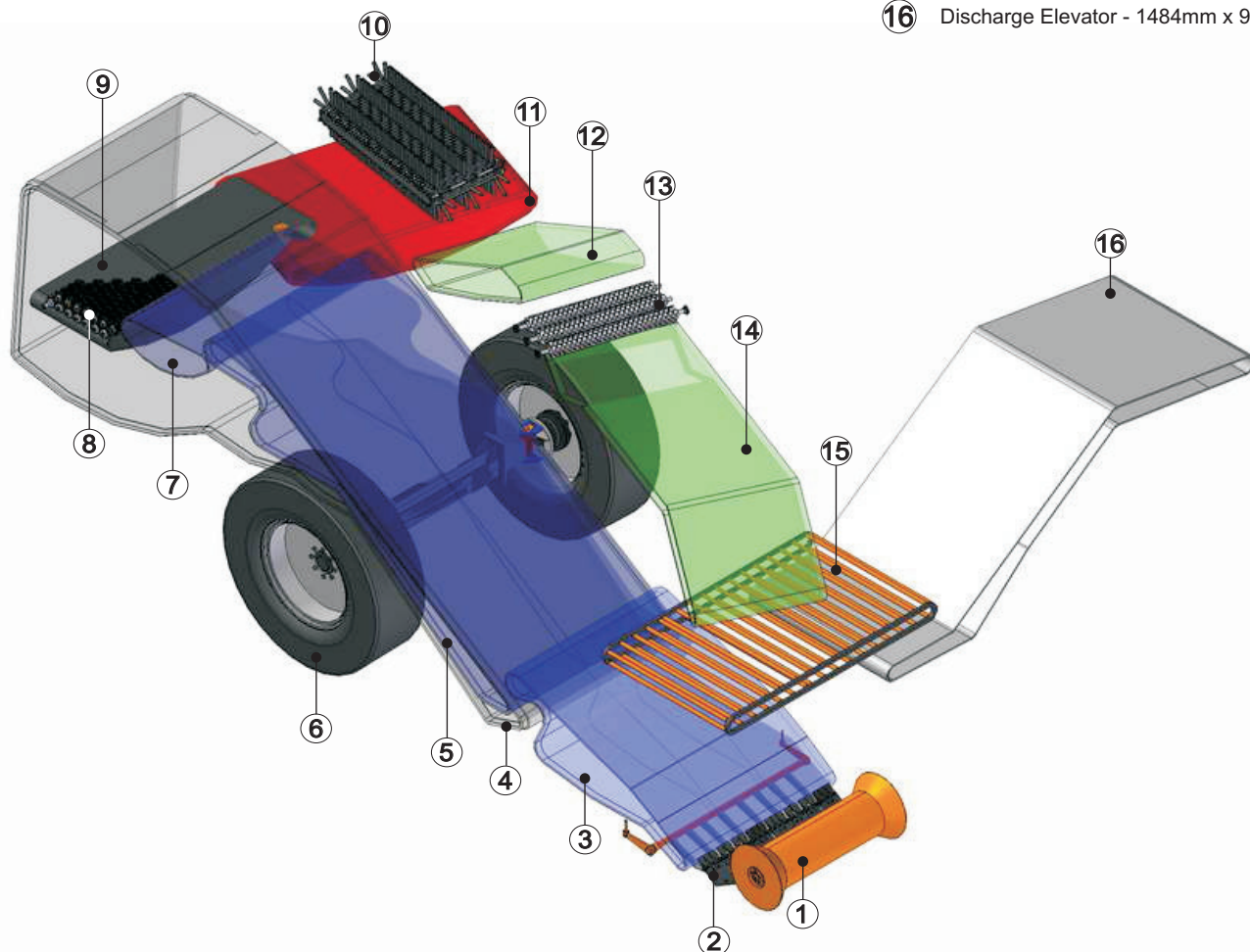
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TL-1750-DRE Sifting / Separating Layout

- ① Diabolo Roller
- ② 4 Digging shares
- ③ Digging Web - 1750mm x 5370mm
- ④ Haulm Web - 1870mm x 15000mm
- ⑤ 2nd Web - 1870mm x 8850mm
- ⑥ Hydraulically Driven Steerable Wheels
- ⑦ 3rd Web - 1870mm x 2310mm
- ⑧ Fin Roller Spreader
- ⑨ Transverse Web - 900mm x 51800mm
- ⑩ Finger Web - 760mm x 3060mm
- ⑪ Hedgehog Web - 1304mm x 4776mm
- ⑫ Flight Elevator Web - 1141mm x 4752mm
- ⑬ Star Separator Unit
- ⑭ Picking Web - 1156mm x 8200mm
- ⑮ Bunker Floor
- ⑯ Discharge Elevator - 1484mm x 9726mm



Dimensions		Soil separation	
Length with drawbar	12540mm	1st Main web	1750mm x 5370mm; 10mm rods 42, 45, 50mm pitch
Width	4210mm	2nd Main web	1870mm x 8850mm; 10mm rods 36mm pitch
Width bunker extended	6690mm	3rd Main web	1870mm x 2310mm; 10mm rods 36mm pitch
Height	3990mm	Haulm separation	
Weight		Haulm web	1870mm x 15000mm; 12mm rods 250mm pitch
Unladen	13240 kg	Separation system	
Laden	15240kg	Fin Roller Spreader	Fin Rollers
Braking system	NA	Transverse web	Transverse mounted 900mm x 5180mm 36mm pitch
Parking brake	NA	Hedgehog web	Transverse mounted 1304mm x 4776mm 40mm pitch
Parking Jack	Hydraulic	Finger web	Longitudinally mounted rubber finger web 760mm x 3060mm 36mm pitch
Drawbar	Hydraulic adjustable	Picking table	
Power transmission	P.T.O shaft with shear bolt Max P.T.O speed 540 rpm	Flight Elevator web	36mm pitch
Tyres	580-70-R38	Picking-off web	1156mm x 8200mm 30mm pitch
Driven wheels	2x Hydraulic radial piston wheel motor drives - 59kW each	Moving floor bunker	
Steering Axle	Hydraulic with steering indicator	Capacity - 2000kg Drive - Hydraulic	
Tilting Axle	Hydraulic with level indicator	Hydraulic system	
Crop intake	Pulled crop intake section 2 spring-loaded couler discs 8 digging shares 1diabolo roller	Power requirement	
		90kW/ 120hp	

Technical Data

TL-1750-DRE