



T16 TRENCHER

FEATURES & BENEFITS

INCREASED POWER

With the power bumped up to 950 HP, you're ready to rock for miles in any direction—no matter what stands in the way.

DURABLE CHAIN

Significantly reduce the wear to your chain teeth with mechanical drive and variable chain speeds to match the type of terrain.

CLEAN TRENCHES

Install products efficiently and create reusable backfill with the help of an advanced crumb shoe, keeping trenches free of excess dirt and debris.

ADVANCED LOAD CONTROL

Equipped with PinPoint® telematics and load control software, the T16 delivers more precise monitoring and support.

VERSATILE BOOMS

Work within the industry's changing job requirements with flexible boom designs that allow you to work within the limits of the job.

WORK PROTECTED

All Trenchor® machines come with full coverage for the first two years of ownership with an optional extended warranty so you can work with maximum peace of mind.



T16 TRENCHER

DIMENSIONS	U.S.	METRIC
Length, no attachments	435.4 in	11,060 mm
Width, no attachments	153.2 in	3,891 mm
Overall machine width	153.2 in	3,891 mm
Overall machine height	169.8 in	4,313 mm
Machine weight	210,000 lb	95,256 kg
Operating weight, min	240,000 lb	108,862 kg
Operating weight, max	320,000 lb	145,149 kg
Shipping weight	135,000 lb	61,236 kg

POWER PLANT

Engine, Tier 2	CAT	
Engine, Tier 4 final	CAT	
Fuel	Diesel	
Engine manufacturer's gross power rating @ 1800 rpm		
Tier 3	950 hp	708.4 kW
Tier 4 final	950 hp	708.4 kW
Emissions compliance	Tier 2	Stage II
Emissions compliance	Tier 4 Final	EU Stage V
Torque		
@1400 rpm, tier 2	3122 ft·lb	4,341 Nm
@1200 rpm, tier 4 final	3206 ft·lb	4,346.75 Nm
Fuel capacity	596 gal	2,256 L
Hydraulic capacity	238 gal	900 L

POWER TRAIN

Transmission	Allison 8600	
Hours per full tank - full power	12 hours	
Def. capacity	N/A	N/A
Variable-reversing engine cooling fan	Hydraulic drive	

CHAIN SPEED

First gear	210 ft/min	61 m/min
Second gear	288 ft/min	88 m/min
Third gear	373 ft/min	114 m/min
Fourth gear	488 ft/min	149 m/min
Fifth gear	N/A	N/A
Reverse gear	85 ft/min	25.91 m/min

CHAIN FORCE	U.S.	METRIC
First gear	141,664 lb	630 kN
Second gear	103,303 lb	459 kN
Third gear	79,784 lb	354 kN
Fourth gear	61,104 lb	271 kN
Fifth gear	N/A	N/A
Reverse gear	607,838 lb	2703 kN
Boom extensions (2)	2 ft, 4 ft	0.61 m, 1.22 m
Standard digging depths	8-24 ft	2.44-7.32 m

OPERATION

Ground speed, low	0.4 mph	0.6 km/h
Drawbar pull low, max	233,000 ft*lb	459 kN
Ground speed high, max	1.5 mph	2.4 km/h
Drawbar pull high	62,000 ft*lb	275 kN
Ground bearing, no attachment	17.64 psi	1.21 bar
Conveyor speed	1,461 ft/min	445 m/min
Boom width	27 in	686 mm
Trench width	28-40 in	1,473-1,524 mm
Trench depth, max	24 ft	7.31 m
Boom width	35 in	889 mm
Trench width	38-48 in	965-1219 mm
Trench depth, max	20 ft	6.09 m
Boom width	55 in	1397 mm
Trench width	58-60 in	965-1219 mm
Trench depth, max	16 ft	4.87 m
Primary boom depth	8 ft	2.44 m
Boom extension	2 ft, 4 ft, 8 ft	0.61 m, 1.22 m, 2.44 m
Standard digging depths	8-24 ft	2.44-7.32 m

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.