



T10 TRENCHER

FEATURES & BENEFITS

IDEAL FOOTPRINT

Perfect for utility installation and small pipeline jobs, the T10 is a workhorse that generates minimal disruption to urban areas and the environment.

DURABLE CHAIN

Mechanical drive drastically reduces chain tooth wear and offers adjustable chain speeds to take on tougher formations.

EFFICIENT TRENCHING

Easily and quickly install products by keeping your trench free of debris with an advanced crumb shoe, reducing costly delays.

STREAMLINED JOBSITE

Bring less equipment to the jobsite, reducing liability, fuel consumption, and saving the time and effort of excessive transport.

SIMPLIFIED MAINTENANCE

Fewer maintenance points with easier access makes ongoing upkeep quicker and more convenient, saving you time and money.

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.

TRENCOR®

T10 TRENCHER

DIMENSIONS	U.S.	METRIC
Length, no attachments	316.4 in	8,037 mm
Width, no attachments	98.7 in	2,507 mm
Overall machine width	98.7 in	2,507 mm
Overall machine height	133.4 in	3,388 mm
Machine weight	70,000 lb	31,750 kg
Operating weight, min	90,000 lb	40,823 kg
Operating weight, max	110,000 lb	49,895 kg
Shipping weight	70,000 lb	31,750 kg

POWER PLANT

Engine, tier 3	CAT	
Engine, tier 4 final	MTU 6R1100C30	
Fuel		
Engine manufacturer's gross power rating @ 1700 rpm		
Tier 3	350 hp	261 kW
Tier 4 final	375 hp	280 kW
Emissions compliance		
	Tier 3	Stage IIIV
	Tier 4 final	EU Stage V
Torque, tier 3	1,148 ft·lb	1,5556 Nm
Torque, tier 4 final	1,401 ft·lb	1,900 Nm
Fuel capacity	265 gal	1,003 L
Hydraulic capacity	167 gal	632 L

POWER TRAIN

Transmission	Allison 4500	
Hours per full tank - full power		
Tier 3	14.2 hours	
Tier 4 final	15.3 hours	
Def. capacity, tier 3	N/A	
Def. capacity, tier 4 final	25.4 gal	95L
Variable-reversing engine cooling fan	Hydraulic Drive	

CHAIN SPEED

First gear, tier 3	173 ft/min	53 m/min
First gear, tier 4 final	134 ft/min	41 m/min
Second gear, tier 3	367 ft/min	112 m/min
Second gear, tier 4 final	284 ft/min	87 m/min
Third gear, tier 3	534 ft/min	162 m/min
Third gear, tier 4 final	413 ft/min	126 m/min
Fourth gear, tier 3	813 ft/min	248 m/min
Fourth gear, tier 4 final	628 ft/min	191 m/min
Fifth gear, tier 3	N/A	N/A
Fifth gear, tier 4 final	822 ft/min	250 m/min
Reverse, tier 3	146 ft/min	45 m/min
Reverse, tier 4 final	113 ft/min	34 m/min

CHAIN FORCE	U.S.	METRIC
First gear, tier 3	63,405 ft·lb	282 kN
First gear, tier 4 final	87,915 ft·lb	391 kN
Second gear, tier 3	29,882 ft·lb	133 kN
Second gear, tier 4 final	41,433 ft·lb	184 kN
Third gear, tier 3	20,550 ft·lb	91 kN
Third gear, tier 4 final	28,494 ft·lb	127 kN
Fourth gear, tier 3	13,503 ft·lb	60 kN
Fourth gear, tier 4 final	18,722 ft·lb	83 kN
Fifth gear, tier 3	N/A	N/A
Fifth gear, tier 4 final	14,310 ft·lb	64 kN
Reverse, tier 3	74,963 ft·lb	333 kN
Reverse, tier 4 final	103,941 ft·lb	462 kN

OPERATION

Ground speed, low	0.6 mph	0.9 km/h
Drawbar pull low, max	132,161 ft·lb	588 kN
Ground speed high, max	1.7 mph	2.7 km/h
Drawbar pull high	46,857 ft·lb	208 kN
Ground bearing, no attachment	10.88 psi	0.75 bar
Conveyor speed, tier 3	1,385 ft/min	422 m/min
Conveyor speed, tier 4 final	1,418 ft/min	432 mm
Boom width	13 in	330 mm
Trench width	24-36 in	610-915 mm
Trench depth, max	10 ft	3.05 m
Primary boom depth	6.5 ft	1.98 m
Boom extensions (2)	2 ft, 4 ft	0.61 m, 1.22 m
Standard digging depths	6-12 ft	1.83-3.66 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.