

1075 CHAINSAW



Tesmec 1075 Chainsaw is a 45 metric ton-class trencher featuring a Tier 4/Stage V 375 Hp (280kW) engine designed for pipelines and utilities projects in rocky soils

STANDARD FEATURES

Productivity Achieve high performances in hard rock conditions with 1075 tractor and chainsaw attachment, offered as standard with stabilizers, crumshoe or protection bar kit and cross conveyor system.

Technology Rely on the already included TrenchTronic and Re.M to maximize excavation efficiency and fleet monitoring.

Safety in cab Experience the safety of the pressurized cab with air conditioning, heating and sound suppression. This is elevating with ROPS, as well as compartment security locks.

OPTIONAL FEATURES

- Air compressor, work light package and sign rod kit
- Cab Anti-Vandalism Windows Cover
- TrenchIntel, Smart Tracker, Laser automatic system for depth control
- Remote control for maintenance

STATE OF THE ART TECHNOLOGY

TrenchIntel The extra high precision 3DGPS guidance system for automatic depth and grade control, autosteering to a predefined path, pass optimization and fleet control.

TrenchTronic 5.0 Electronic control with operator selectable digging pressure, fully automatic operation, and remote diagnostic system.

Re.M The remote monitoring system with machine data remote monitoring, fleet location management, troubleshooting information and operating conditions

TRENCHING DIMENSIONS

SINGLE CHAIN BOOM

4' - 10'
123 - 305 cm
14" - 20"
35 - 51 cm

DOUBLE CHAIN BOOM

4' - 10'
123 - 305 cm
24" - 36"
61 - 91 cm

TRANSPORT DIMENSIONS

	METRIC	US	
Length	4 ft boom	988 cm	32' 5"
	6 ft boom	1.057 cm	34' 8"
	8 ft boom	1.125 cm	36' 11"
	10 ft boom	1.194 cm	39' 2"
Width	296 cm	9' 9"	
Height	323 cm	10' 7"	
Weight	37.600 - 44.500 kg	82.900 - 98.100 lbs	
Ground pressure	0.69 - 0.81 kg/cm ²	9.8 - 11.5 psi	

ENGINE

	METRIC	US
Model and Max HP (kW)		
Tier 4/Stage V CAT 9.3B ACERT	375 HP (280 kW)	
Max no load rpm	2.000 RPM	
Fuel tank capacity	738 L	195 gal
Fuel consumption (at full load)	73.8 L/hr	19.5 gal/hr
AD Blue/DEF consumption	2.38 L/hr	0.63 gal/hr
Cooling rating	57°C ambient air	135°F ambient air
Air cleaner	Dry type, centrifugal precleaner with primary and secondary filters	

TRACKS

	METRIC	US
Track chain type	38/320	
Track length	336 cm	11'
Track pad width	81 cm	2' 8"
Track pad type	Single, double or triple grouser	

CRAWLER DRIVE

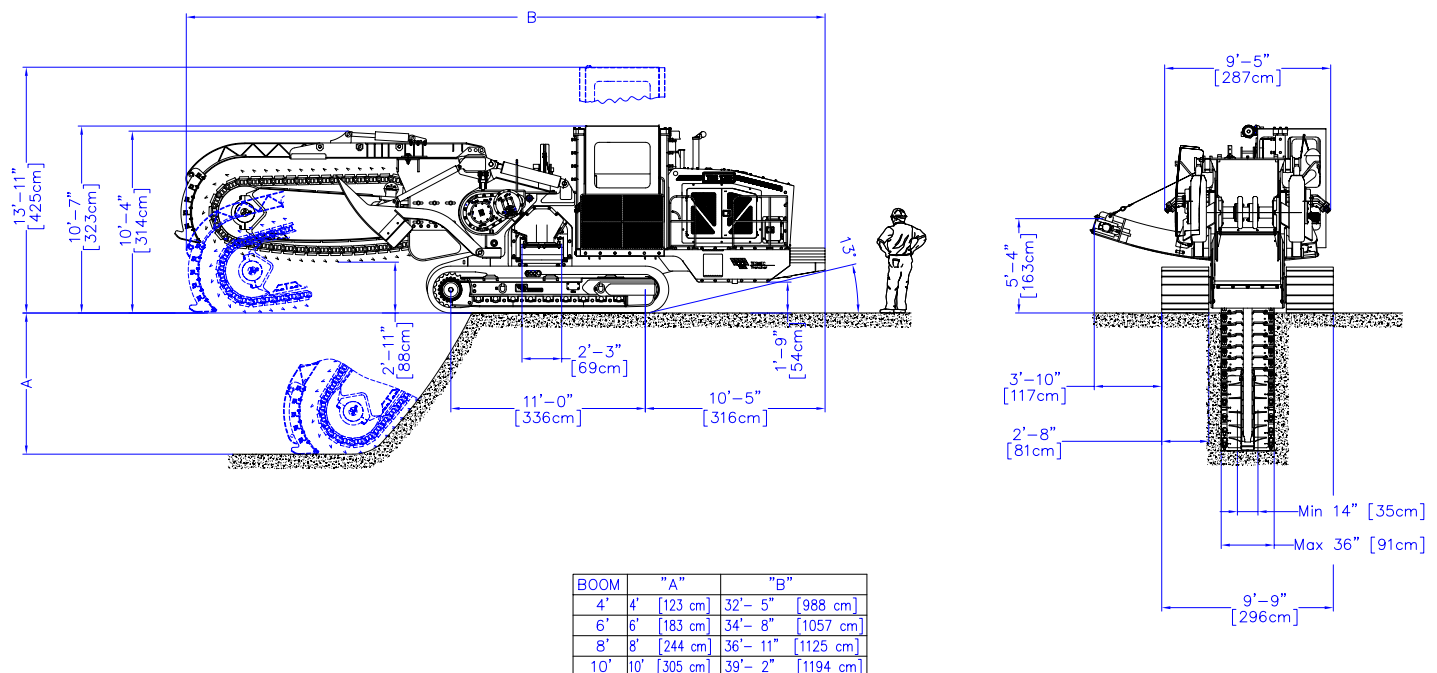
	METRIC	US
Drive	Dual path, hydrostatic, planetary transmissions	
	Full counter rotation with single lever steering	
Infinitely variable speed	Forward and reverse	
High range	0 - 4 km/h	0 - 2.5 mph
Low range	0 - 1.7 km/h	0 - 1.1 mph
Parking and service brake	Spring applied, hydraulic release, wet disc brake	

DIGGING DRIVE

	METRIC	US
Drive	Hydrostatic, two pumps and two motors	
Flywheel gearboxes	Shaved, helical gearing, case hardened for shock load	
Digging speed ranges	0 - 152 m/min	0 - 500 fpm
Digging chain	Tesmec single strand with 11.4 cm (4.5") pitch chain, "K" style and D6 for the double boom only	
Digging chain adjustment	Hydraulic	
Digging chain boom top roller	Yes	
Cutters	Rotary carbide tipped	
Cutters shank diameter	3.81 cm	1/2"
Cutters gage	7.62 cm	3"

CROSS CONVEYOR SYSTEM

	METRIC	US
Conveyor belt speed	0 - 229 m/min	0 - 750 fpm
Conveyor reversible and shiftable	Yes	
Conveyor discharge direction	Right or left	
Conveyor belt width	69 cm	2' 3"
Conveyor length	335 cm	11'



Pictures & drawings can be different according to technical specifications - Updating programme variations without notice are possible