

975 EVO CHAINSAW



Tesmec 975 EVO Chainsaw is a 40 metric ton-class trencher featuring a 375 HP (285 kW) engine conceived for rock excavation in utilities projects such as fiber optic, electric cables, water conduits, and pipelines

STANDARD FEATURES

Versatility Exploit the versatility of 975EVO tractor and chainsaw attachment, offered as standard with crumshoe or protection bar kit, stabilizers, cross conveyor system, TrenchTronic and Re.M.

Modularity Enhance 975EVO potential thanks to its modularity. This model is available also with a Rockhawk attachment, making it the ideal solution for multiple applications. Through the swap kit it is possible to change the machine backend and use it for other projects.

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

OPTIONAL FEATURES

- Side mounted truck loading conveyor, not foldable
- Air compressor, automatic greasing kit, security kit, work light package and rubber track pads
- Reel carrier, rollers and laying box for mechanical laying
- TrenchIntel, Smart Tracker, Laser automatic system for depth control
- Remote control for maintenance
- Trencher radio control system
- Tilt undercarriage
- Swap kit to Rockhawk attachment

STATE OF THE ART TECHNOLOGY

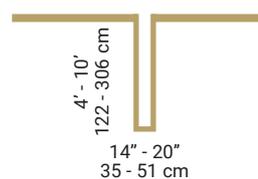
TrenchIntel The extra high precision 3DGPS guidance system for automatic depth and grade control, auto-teering to a predefined path, pass optimization and fleet control

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

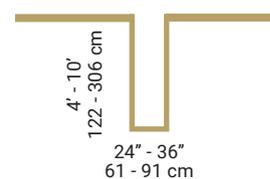
Re.M The remote monitoring system with machine data remote monitoring, fleet location management, troubleshooting information and operating conditions

TRENCHING DIMENSIONS

SINGLE CHAIN BOOM



DOUBLE CHAIN BOOM



TRANSPORT DIMENSIONS

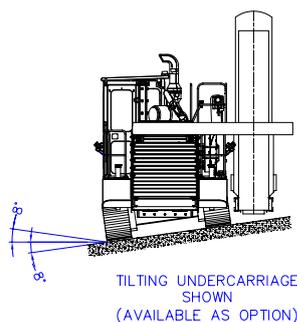
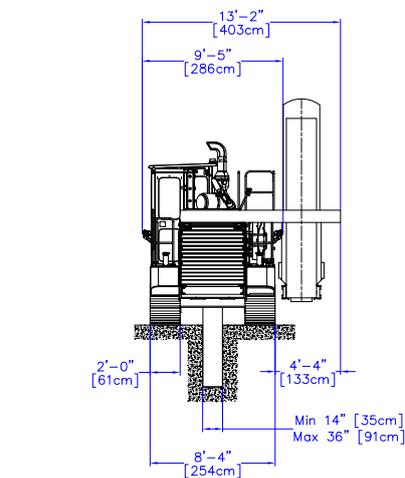
		METRIC	US
Length	4 ft boom	896 cm	29' 5"
	6 ft boom	974 cm	32' 0"
	8 ft boom	1.047 cm	34' 4"
	10 ft boom	1.123 cm	36' 10"
Width			
	With digging motors	286 cm	9' 5"
	Without digging motors	254 cm	8' 4"
Height		335 cm	11' 0"
Weight		25.000 - 40.000 Kg	55.100 - 88.100 lbs
Ground pressure		0.68 - 1.10 kg/cm ²	9.7 - 15.6 psi

ENGINE

	METRIC	US
Model and Max HP (kW)		
Tier 4/Stage V	CAT C9.3B	375 HP (280 kW)
Tier 3	CAT C9.3B	375 HP (280 kW)
Max no load rpm	2.000 RPM	
Fuel tank capacity	660 L	174 gal
Fuel consumption (at full load)	68 L/hr	18 gal/hr
AD Blue/DEF consumption		
Tier 4/Stage V	5.44 L/hr	1.43 gal/hr
Cooling rating	54°C ambient air	130°F ambient air
Air cleaner	Dry type, two stages with pre-cleaner and automatic dust ejection	

TRACKS

	METRIC	US
Track chain type	D5	
Track length	298 cm	9' 9"
Track pad width	61 cm	2'
Track pad type	Triple grouser (single or double available as option)	



CRAWLER DRIVE

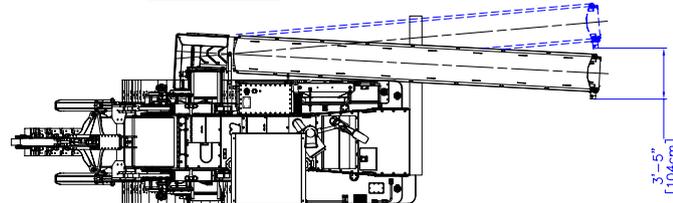
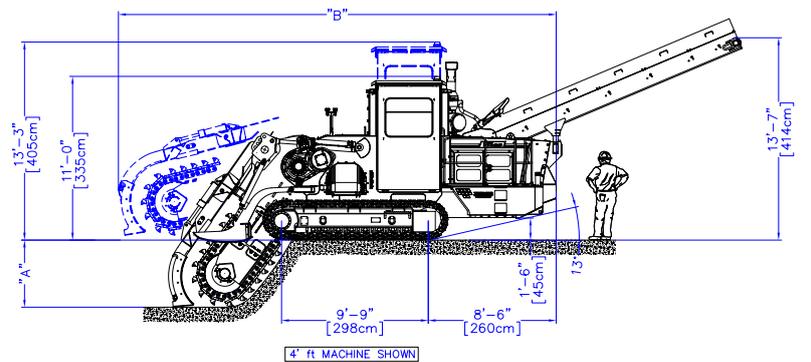
	METRIC	US
Drive	Dual path, hydrostatic, planetary transmissions	
	Full counter rotation with single lever steering and single lever direction	
Infinitely variable speed		
	High range	0 - 2.75 km/h 0 - 1.71 mph
	Low range	0 - 1.38 km/h 0 - 0.86 mph
Parking and service brake	Spring applied, hydraulic release, 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 - 104 m/min	0 - 340 fpm
	0 - 143 m/min	0 - 470 fpm
	0 - 186 m/min	0 - 610 fpm
	0 - 206 m/min	0 - 675 fpm
Digging chain	Single or double chain 54/345	
Digging chain adjustment	Positive locking	
Cutters	Rotary carbide tipped	
Cutters shank diameter	3.81 cm	1" 1/2
Cutters gage	7.62 cm	3"

CROSS CONVEYOR

	METRIC	US
Reversible and shiftable	Yes	
Conveyor belt speed	0 - 240 m/min	0 - 790 fpm
Conveyor discharge direction	Right or left	
Conveyor belt width	60 cm	1' 11"
Conveyor length	250 cm	8' 3"



BOOM	"A"	"B"
4'	4' [122 cm]	29'-5" [896 cm]
6'	6' [183 cm]	31'-11" [974 cm]
8'	8' [244 cm]	33'-0" [1047 cm]
10'	10' [305 cm]	36'-10" [1123 cm]

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