

1875XL EVO CHAINSAW



Tesmec 1875XL EVO is the largest 160 metric ton-class trencher and the most powerful featuring a 950 HP (709 kW) engine, designed for big diameter pipelines in hard rock and in the toughest excavating conditions

STANDARD FEATURES

Productivity Achieve maximum productivity with 1875XL EVO tractor and chainsaw attachment, offered as standard together with adjustable stabilizers, crumbshoe 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

- Side-mounted truck loading conveyor
- Air compressor, automatic greasing kit, security kit and work light package
- TrenchIntel, Smart Tracker and Laser automatic system for depth control
- Rubber track pads
- Remote control for maintenance

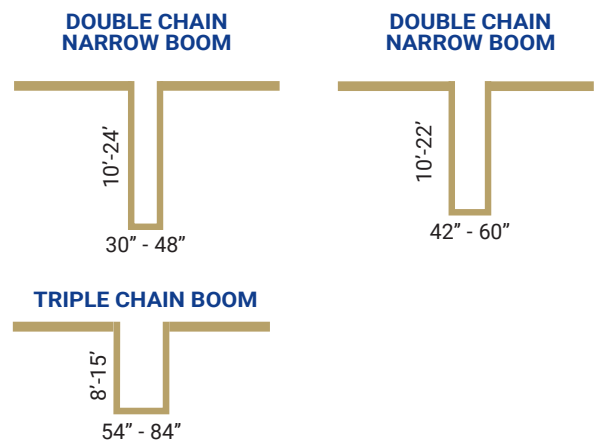
STATE OF THE ART TECHNOLOGY

TrenchTronic 4.0 (standard) Electronic control with operator selectable digging pressure, fully automatic operation, and remote diagnostic system.

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

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

TRENCHING DIMENSIONS



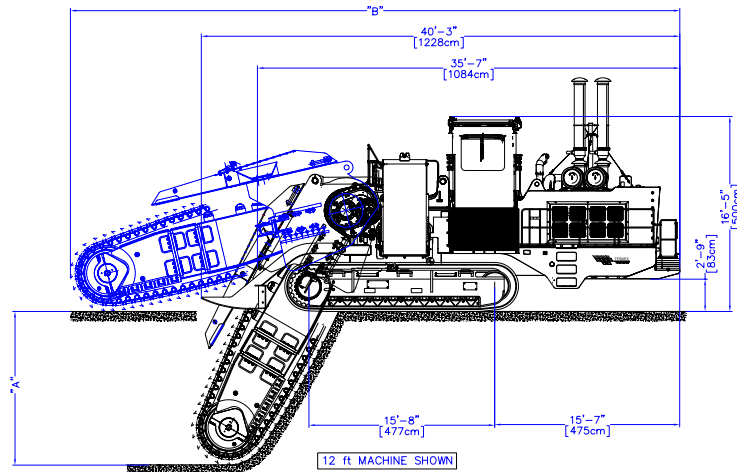
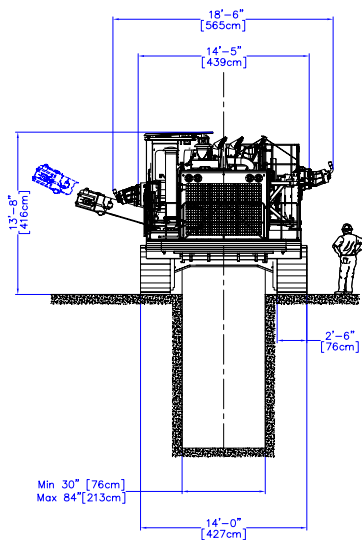
TRANSPORT DIMENSIONS

	US	METRIC	
Lenght	8 ft boom	46' 5"	1.415 cm
	10 ft boom	48' 10"	1.489 cm
	12 ft boom	51' 4"	1.564 cm
	14 ft boom	53' 9"	1.638 cm
	15 ft boom	54' 11"	1.674 cm
	16 ft boom	56' 1"	1.710 cm
	18 ft boom	58' 6"	1.783 cm
	20 ft boom	60' 11"	1.856 cm
	22 ft boom	63' 3"	1.928 cm
	24 ft boom	65' 7"	2.000 cm
only tractor	35' 7"	1.084 cm	
only tractor with stabilizers	40' 3"	1.228 cm	

Width		
complete machine	18' 2"	554 cm
without digging motors	14'	428 cm
Height		
	13' 9"	418 cm
Width		
	253,500 - 341,700 lbs	120.000 - 160.000 Kg
Ground pressure		
	22.4 - 30.3 psi	1.58 - 2.13 kg/cm2

ENGINE		
Model and Max HP		
Tier 4 / Stage V CAT C27 ACERT	950 HP (709 kW)	
Tier 2 CAT C32 ACERT	950 HP (709 KW)	
Max no load rpm	1.800 RPM	
Fuel tank capacity	430 gal	1.630 L
Fuel consumption	47.55 gal/hr	180 L/hr
Cooling rating	129°F ambient air	54°C ambient air
Air cleaner	Dry type, 2 stages with pre-cleaner and automatic dust ejection	

TRACKS		
	US	METRIC
Track chain type	374/365	
Track lenght	15' 8"	477 cm
Track pad width	2' 6"	76 cm
Track pad type	Demi-grouser	



BOOM	"A"	"B"
8'	8' [244 cm]	46'-5" [1415 cm]
10'	10' [305 cm]	48'-10" [1489 cm]
12'	12' [366 cm]	51'-4" [1564 cm]
14'	14' [427 cm]	53'-9" [1638 cm]
15'	15' [457 cm]	54'-11" [1674 cm]
16'	16' [488 cm]	56'-1" [1710 cm]
18'	18' [549 cm]	58'-6" [1783 cm]
20'	20' [610 cm]	60'-11" [1856 cm]
22'	22' [671 cm]	63'-3" [1928 cm]
24'	24' [732 cm]	65'-7" [2000 cm]

CRAWLER DRIVE		
	US	METRIC
Drive	Dual path, hydrostatic, planetary transmissions	
	Full counter rotation with single lever steering	
Infinitely variable speed	Forward and reverse	
High range	0 - 2.1 mph	0 - 3.36 km/h
Low range	0 - 1.1 mph	0 - 1.76 km/h
Parking and service brake	Spring applied, hydraulic release, wet disc brake	

DIGGING DRIVE		
	US	METRIC
Drive	Hydrostatic, four pumps and two motors	
Flywheel gearboxes	Shaved, helical gearing, case hardened for shock load	
Digging speed ranges	0 - 147 fpm	0 - 45 m/min
	0 - 251 fpm	0 - 77 m/min
	0 - 312 pfm	0 - 95 m/min
	0 - 372 fpm	0 - 114 m/min
	0 - 450 fpm	0 - 137 m/min
Digging chain	Tescmec D9X	
Digging chain adjustment	Hydraulic	
Digging chain boom top roller	Yes	
Cutters	Rotary carbide tipped	
Cutters shank diameter	1" 1/2	3.81 cm
Cutters gage	3"	7.62 cm
Tailwheel diameter	4'	122 cm

CONVEYOR SYSTEM		
	US	METRIC
Reversible and shiftable	Yes	
Conveyor belt speed	0 - 900 fpm	0 - 274 m/min
Conveyor discharge direction	Right or left	
Conveyor belt width	3' 6"	107 cm
Conveyor lenght	20' 9"	632 cm
Discharge height	9' 10"	300 cm

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