

985 CHAINSAW



The Tesmec 985 Chainsaw (shown with a boom attachment) is a mid-size self-leveling offset trencher designed to cater to a diverse customer base, spanning from highway and pipeline contractors to those engaged

Powered by a caterpillar engine, this versatile machine features a center-mounted conveyor that efficiently transfers excavated material directly to a truck positioned in front, effectively conserving space.

This 985 Chainsaw boasts the TrenchTronic 5.0 technology, enhancing its user-friendliness for the operator.

This machine has been exceptionally engineered and crafted to offer formidable cutting performance, establishing itself as the gold standard among chainsaws. With an unwavering commitment to delivering exceptional results. Armed with state-of-the-art technology and exceptional features, it has become an indispensable companion for professionals who demand unparalleled cutting performance and the ultimate tool for confidently tackling demanding jobs.

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 4.0 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' - 6"
12" - 18"


DOUBLE LINK BOOM

4' - 6"
18" - 28"

DOUBLE CHAIN BOOM

4' - 6"
24" - 28"

TESMEC
draw the way forward


www.tesmec.com

TRANSPORT DIMENSIONS

	US	METRIC	
Lenght (with TLC)	4 ft boom	39' 11"	1.217 cm
	5 ft boom	41' 1"	1.252 cm
	6 ft boom	42' 3"	1.287 cm
Width	8' 4"	254 cm	
Height	10' 4"	315 cm	
Weight	67,200 - 88,200 lbs	30.500 - 40.000 kg	
Ground pressure	13.2 - 17.4 psi	0.93 - 1.22 kg/cm2	

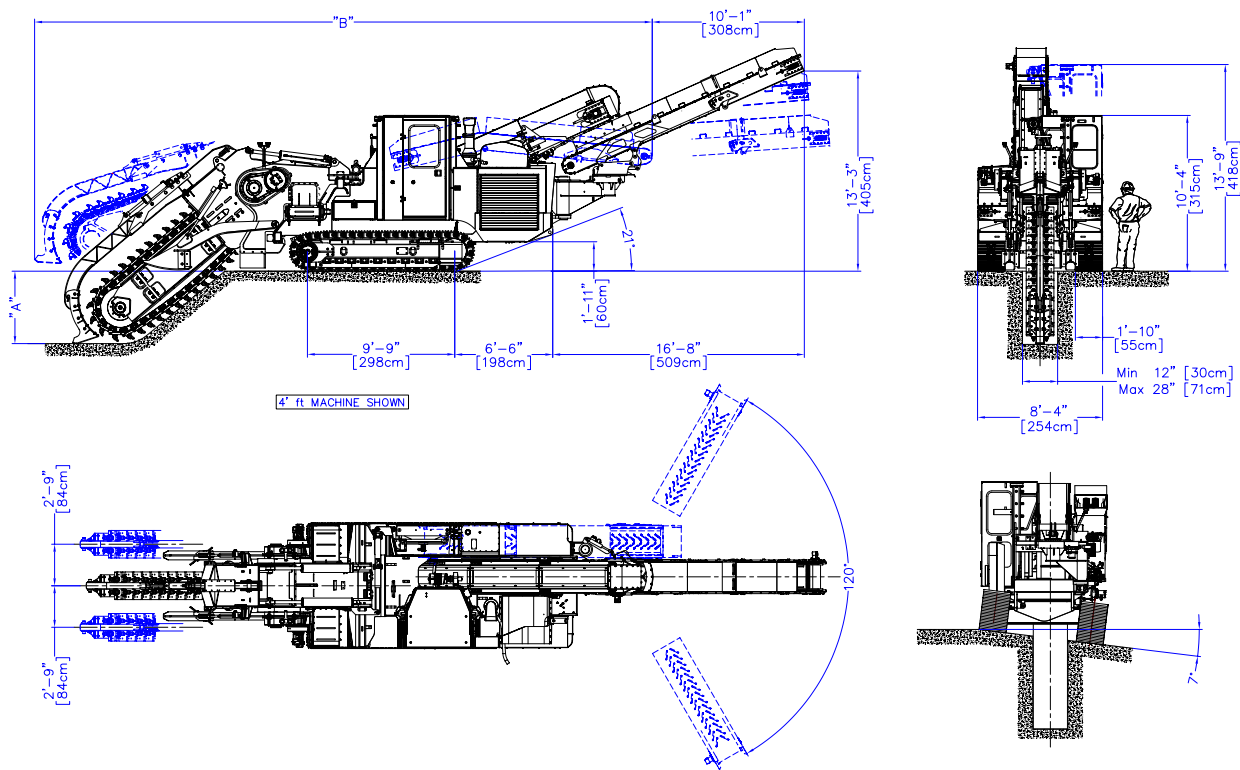
ENGINE

	US	METRIC
Model and Max HP (kW)		
Tier 4/Stage V	CAT C9.3B	375 HP (280 kW)
Max no load rpm	2,000 RPM	
Fuel tank capacity	174 gal	660 L
Fuel consumption (at full load)	18 gal/hr	68 L/hr
AD Blue/DEF consumption	0.63 gal/hr	2.38 L/hr
Cooling rating	130°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	D5	
Track lenght	9' 9"	298 cm
Track pad width	1' 10"	55 cm
Track pad type	Triple grouser	
Self-leveling (tilting) undercarriage	Track tilt angle +7° / -7°, Automatic/manual operation	

BOOM	"A"	"B"
4'	4' [122 cm]	39'-9" [1217 cm]
5'	5' [152 cm]	41'-1" [1252 cm]
6'	6' [183 cm]	42'-3" [1287 cm]



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

TESMEC
draw the way forward

[in](#) [yt](#) [ig](#) [fb](#)
www.tesmec.com

CRAWLER DRIVE

	US	METRIC
Drive	Dual path, hydrostatic, planetary transmissions	
	Full counter rotation with single lever steering and single lever direction	
Infinitely variable speed	Forward and reverse	
High range	0 - 2.00 mph	0 - 3.2 km/h
Low range	0 - 1.38 mph	0 - 2.2 km/h
Parking and service brake	Spring applied, hydraulic release, wet disc brake	

DIGGING DRIVE

	US	METRIC
Drive	Hydrostatic, one pump and two motors	
Flywheel gearboxes	Shaved, helical gearing, case hardened for shock load	
Digging speed range	0 - 525 fpm	0 - 160 m/min
Digging chain	Tesmec single strand or double link with 11.4 cm (4.5") pitch chain, "K" style	
Digging chain adjustment	Positive locking	
Cutters	Rotary carbide tipped	
Cutters shank diameter	1 - 1/2"	3.81 cm
Cutters gage	3"	7.62 cm

CROSS CONVEYOR

	US	METRIC
Reversible and shiftable	Yes	
Conveyor belt speed	0 - 1.250 fpm	0 - 380 m/min
Conveyor discharge direction	Right or left	
Conveyor belt width	2' 0"	61 cm
Conveyor lenght	8' 2"	249 cm