

950R CHAINSAW



The Tesmec 950R Chainsaw stands as a mid-size, high-performance tool renowned for its exceptional precision and efficiency in a variety of jobs, ranging from laying fiber and utility lines, to including water, sewer or gas

What truly distinguishes the 950R is its remarkable adaptability, allowing it to lay cables with incredible speed and precision.

This versatile tool is well equipped with advanced technology, like the TrenchIntel DGPS guidance system, offering extra-high precision 3D GPS capabilities, automatic depth and grade control, autosteering along predefined paths.

Another great feature, the Smart Tracker acts as a GPS data recorder, serving as an as-built data logger that records the exact path the trencher has covered, resulting in significant time and cost savings and providing solid project proof upon completion.

With a well-deserved reputation for dependable performance in the most demanding environments, the Tesmec 950R emerges as the top choice for multifunctional tasks that demand precision, efficiency, and adaptability.

STATE OF THE ART TECHNOLOGY

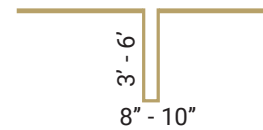
TrenchIntel The extra high precision 3DGPS guidance system for automatic depth and grade control, autosteering to a predefined path, pass optimization and fleet control

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

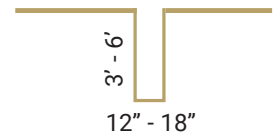
Re.M The remote monitoring system with machine data remote monitoring, fleet location management, troubleshooting information and operating conditions

TRENCHING DIMENSIONS

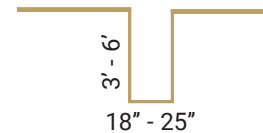
SINGLE CHAIN NARROW



SINGLE CHAIN



DOUBLE LINK CHAIN



TRANSPORT DIMENSIONS

	US	METRIC	
Length	3 ft boom	36' 2"	1.103 cm
	4 ft boom	37' 3"	1.135 cm
	5 ft boom	39' 2"	1.171 cm
	6 ft boom	39' 6"	1.203 cm
Width	8' 4"	254 cm	
Height	9' 11"	302 cm	
Weight	44,100 - 57,300 lbs	20.000 - 26.000 Kg	
Ground pressure	9.24 - 12.18 psi	0.65 - 0.84 kg/cm ²	

ENGINE

	US	METRIC
Model and Max HP (kW)		
Tier 4/Stage V CAT C7.1 ACERT	275 HP (205 kW)	275 HP (205 kW)
Tier 3 CAT C7.1 ACERT	275 HP (205 kW)	275 HP (205 kW)
Max no load rpm	2,150 RPM	2.150 RPM
Fuel tank capacity	119 gal	450L
Fuel consumption (at full load)		
Tier 4/Stage V	14.5 gal/hr	55 L/hr
Tier 3	14.3 gal/hr	54 L/hr
AD Blue/DEF consumption		
Tier 4/Stage V	0.58 gal/hr	2.20 L/hr
Cooling rating	115°F ambient air	46°C ambient air
Air cleaner	Dry type, two stages with pre-cleaner and automatic dust ejection	

TRACKS

	US	METRIC
Track chain type	FL6	
Track length	9' 11"	303 cm
Track pad width	1' 8"	50 cm
Track pad type	Triple grouser	
Self-leveling (tilting) undercarriage	Track tilt angle +5° / -5° Automatic/manual operation	

CRAWLER DRIVE

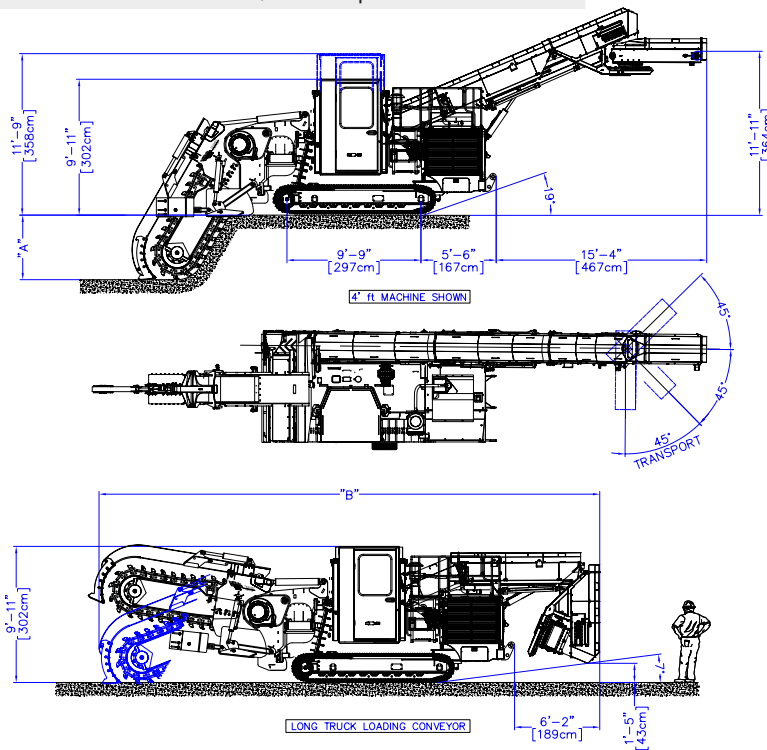
	US	METRIC
Drive	Dual path, hydrostatic, planetary transmissions	
	Single lever steering and single lever direction	
Infinitely variable speed	Forward and reverse	
	0 - 1.6 mph	0 - 2.6 km/h
Parking and service brake	Spring applied, hydraulic release, wet disc brake	

DIGGING DRIVE

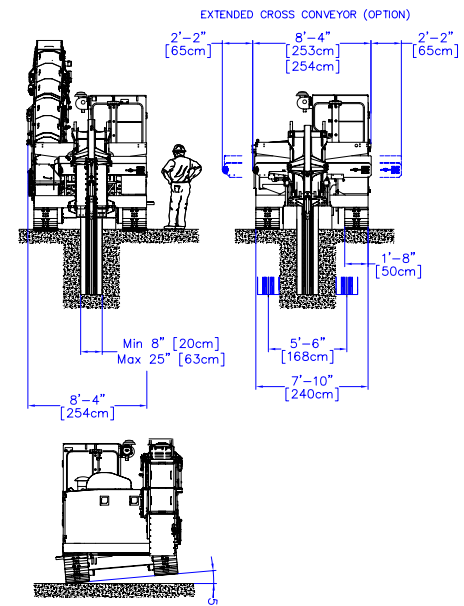
	US	METRIC
Drive	Hydrostatic, one variable displacement pump and one motor	
Flywheel gearboxes	Shaved, helical gearing, case hardened for shock load	
Digging speed ranges	0 - 574 fpm	0 - 175 m/min
Digging chain	Tesmec single strand with 11.4 cm (4.5") pitch chain, "K" or "M" or "Double Link" style	
Digging chain adjustment	Positive locking	
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

CROSS CONVEYOR

	US	METRIC
Reversible and shiftable	Yes	
Conveyor belt speed	0 - 1.150 fpm	0 - 350 m/min
Conveyor discharge direction	Right or left	
Conveyor belt width	1' 8"	50 cm
Conveyor length	6' 1"	185 cm



BOOM	"A"	"B" LONG TLC
3'	3' [91 cm]	36' 2" [1103 cm]
4'	4' [122 cm]	37' 3" [1135 cm]
5'	5' [152 cm]	38' 4" [1171 cm]
6'	6' [183 cm]	39' 6" [1203 cm]



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

TESMEC
draw the way forward

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