

950R R1000



Tesmec 950R R1000 is a 27 metric ton-class trencher featuring with 275 HP (205 kW) engine designed for underground network projects in urban areas

STANDARD FEATURES

Productivity Exploit the productivity of 950R tractor and R1000 rocksaw attachment, with an offset of 150 cm (59") from tractor centerline, or a super-offset of 30 cm (12") over track edge cab side, and +/- 18.5° wheel pivot. These are offered as standard with crumbshoe, cross conveyor system, TrenchTronic and Re.M.

Modularity Enhance 950R potential thanks to its modularity. This model is available also with Chainsaw and R620 Rocksaw attachments, 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, as well as compartment security locks.

OPTIONAL FEATURES

- Side mounted truck loading conveyor, foldable and within transport dimensions
- Extended cross conveyor kit with hydraulic shift
- Air compressor, security kit, work light package and rubber track pads
- Reel carrier, rollers and laying box for mechanical laying
- TrenchIntel and Smart Tracker
- Remote control for maintenance and Trencher radio control system
- Swap kit to Chainsaw and Rocksaw R620 De Rive attachments

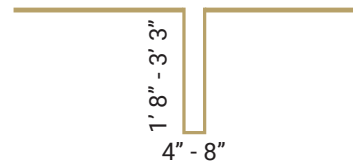
STATE OF THE ART TECHNOLOGY

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



TRANSPORT DIMENSIONS

	US	METRIC
Length	36' 10"	1.124 cm
Width	8' 4"	254 cm
Height	10'	306 cm
Weight	61,068 lbs	27.700 Kg
Ground pressure	12.8 psi	0.90 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
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Cooling rating

	115°F ambient air	46°C ambient air
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Air cleaner

	Dry type, two stages with pre-cleaner and automatic dust ejection	
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TRACKS

	US	METRIC
Track chain type	FL6	
Track lenght	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

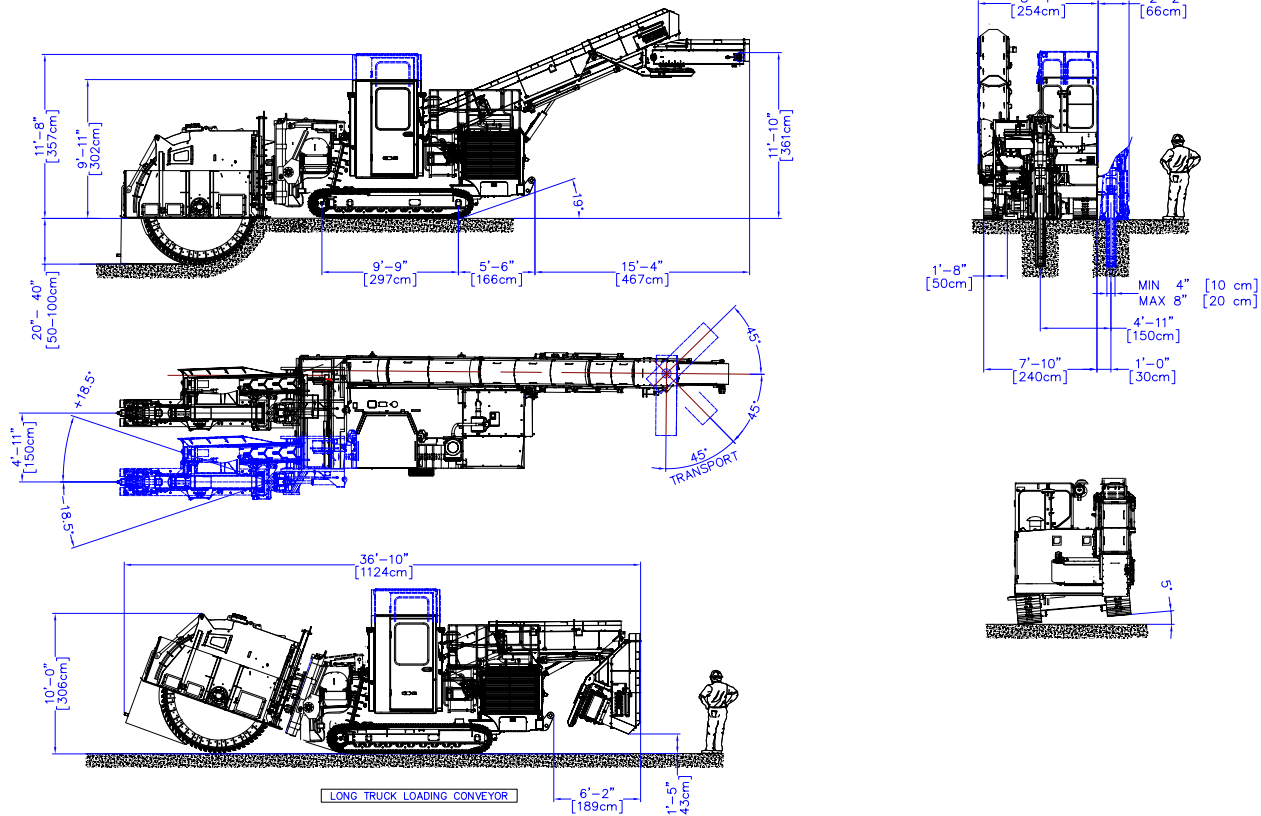
	US	METRIC
Drive	Dual path, hydrostatic, planetary transmissions	
	Single lever steering and single lever direction	
Infinitely variable speed	Forward and reverse	
	0 - 1.6 mph	0 - 2.6 km/h
Parking and service brake	Spring applied, hydraulic release, wet disc brake	

DIGGING DRIVE

	US	METRIC
Drive	Hydrostatic, one variable displacement pump and one motor	
Digging speed ranges	0 - 370 m/min	0 - 1.210 fpm
Cutters	Rotary carbide tipped	
Cutters shank diameter	2.20 cm	7/8"
Cutters gage	4.80 cm	1"-7/8

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 lenght	6' 1"	185 cm
Wheel conveyor belt speed	0 - 1.150 fpm	0 - 350 m/min
Wheel conveyor discharge direction	Towards the cross conveyor	
Wheel conveyor belt width	1' 6"	45 cm
Wheel conveyor lenght	11' 4"	345 cm



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

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