

# 950R R620



Tesmec 950R R620 is a 25 metric ton-class trencher featuring a 275 HP (205kW) engine designed for telecom and fiber optic projects in urban areas

## STANDARD FEATURES

**Productivity** Exploit the productivity of 950R tractor and R620 rocksaw attachment, with an offset of 130 cm (4' 3") from track edge cab side, or a super-offset of 15 cm (6") over track edge cab side, +/- 15° wheel pivot and +/- 12° wheel tilt angle. 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 R1000 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
- Trencher radio control system
- Swap kit to Chainsaw and Rocksaw R1000 attachments

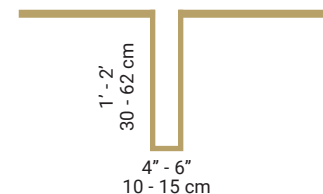
## STATE OF THE ART TECHNOLOGY

**TrenchIntel** The extra high precision 3DGPS guidance system for automatic depth and grade control, auto-steering 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

	METRIC	US
Lenght	1.147 cm	37' 7"
Width	254 cm	8' 4"
Height	302 cm	9' 11"
Weight	24.600 Kg	54.200 lbs
Ground pressure	0.80 kg/cm2	11.4 psi

## ENGINE

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

## TRACKS

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

## CRAWLER DRIVE

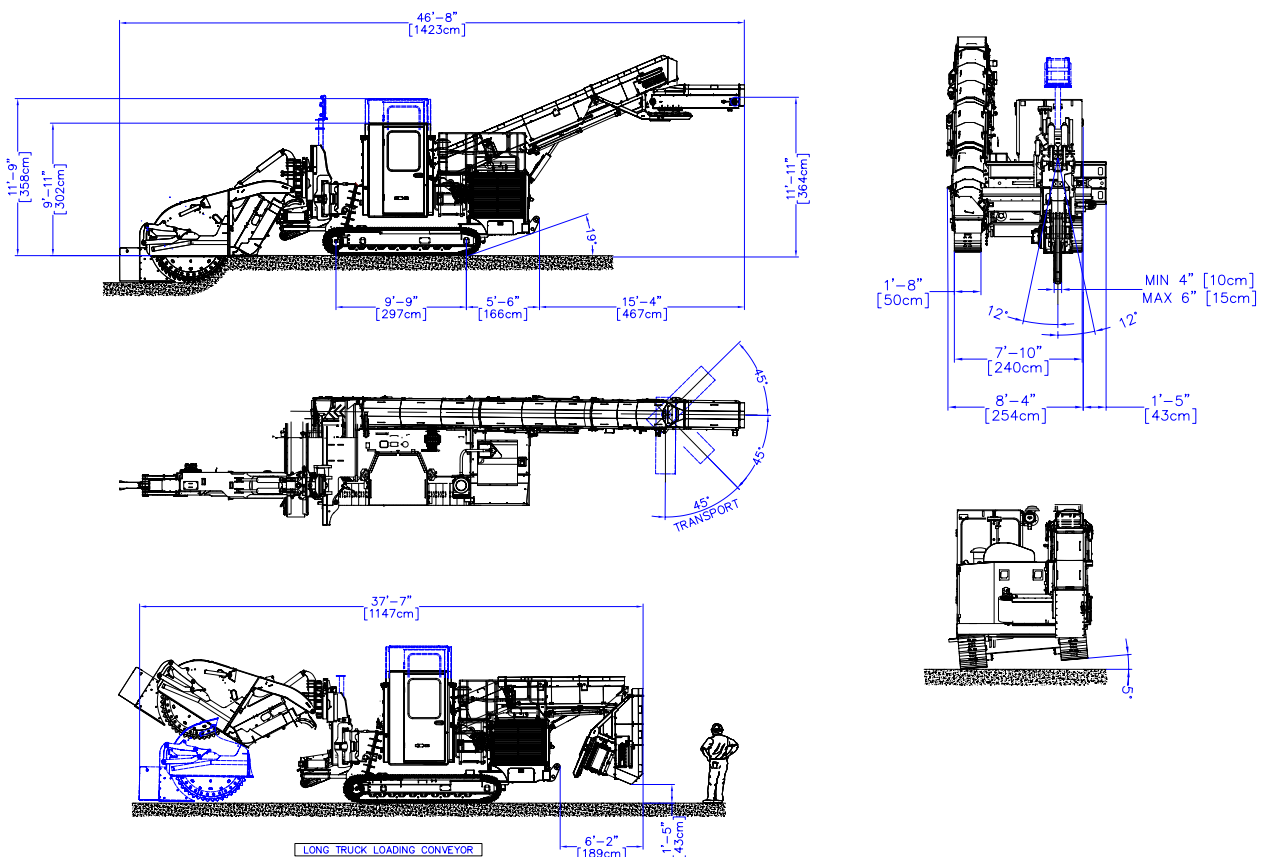
	METRIC	US
<b>Drive</b>	Dual path, hydrostatic, planetary transmissions Single lever steering and single lever direction	
<b>Infinitely variable speed</b>	Forward and reverse 0 - 2.6 km/h      0 - 1.6 mph	
<b>Parking and service brake</b>	Spring applied, hydraulic release, wet disc brake	

## DIGGING DRIVE

	METRIC	US
<b>Drive</b>	Hydrostatic, one variable displacement pump and one motor	
<b>Digging speed ranges</b>	0 - 350 m/min	0 - 1.150 fpm
<b>Cutters</b>	Rotary carbide tipped	
<b>Cutters shank diameter</b>	2.20 cm	7/8"
<b>Cutters gage</b>	4.80 cm	1"-7/8

## CROSS CONVEYOR

	METRIC	US
<b>Reversible and shiftable</b>	Yes	
<b>Conveyor belt speed</b>	0 - 350 m/min	0 - 1.150 fpm
<b>Conveyor discharge direction</b>	Right or left	
<b>Conveyor belt width</b>	40 cm	1' 4"
<b>Conveyor lenght</b>	237 cm	7' 9"
<b>Wheel conveyor belt speed</b>	0 - 90 m/min	0 - 295 fpm
<b>Wheel conveyor discharge direction</b>	Towards the cross conveyor	



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