

1150EVO ROCKSAW R1370



Tesmec 1150 EVO Rocksaw stands as a remarkable piece of equipment in the world of excavation and trenching, purpose-built for some of the most challenging terrains.

What sets it apart is its formidable capability to slice effortlessly through rock, concrete, and asphalt, rendering it an indispensable asset across a diverse array of applications, particularly in long-distance fiber optic networks, electric cable installations, and small diameter pipelines. This upgraded EVO version boasts a set of larger digging motors, gearbox, and more, optimizing its digging tooth's torque application for a slower churning speed. This fine-tuning not only conserves fuel but also amplifies productivity. This high-performance rock-cutter is capable of making trenches up to 5 feet deep and 16 inches wide with precision and efficiency that truly sets it apart from the competition.

STATE OF THE ART TECHNOLOGY

TrenchTronic 5.0 (standard) Electronic control with operator selectable digging pressure, fully automatic operation, and remote diagnostic system.

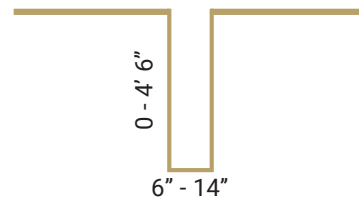
Re.M (Standard) The remote monitoring system with machine data remote monitoring, fleet location management, troubleshooting information and operating conditions

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.

SmartTracker (Optional) Automatically collects as built data while the machine is trenching, avoiding survey stakeout and achieve the complete digitalization of the jobsite

TRENCHING DIMENSIONS

R1370



TRANSPORT DIMENSIONS

	US	METRIC
Lenght		
with wheel	38' 9"	1.180 cm
without wheel and boom	25' 6"	776 cm
Width	9' 3"	280 cm
Height		
with low cab, wheel and boom	12' 4"	376
with low cab, without wheel and boom	11' 1"	338 cm
Weight	97,000 - 103,600 lbs	44.000 - 47.000 Kg
Ground pressure	18.6 - 19.9 psi	1.30 - 1.40 kg/cm2

ENGINE

	US	METRIC
Model and Max HP (kW)		
Tier 4/Stage V Cummins X12	451 HP (336 kW)	451 HP (336 kW)
Tier 3 CAT C13 ACERT	440 HP (328 kW)	440 HP (328 kW)
Max no load rpm		
Tier 4/Stage 5	1,850 RPM	1.850 RPM
Tier 3	2,100 RPM	2.100 RPM
Fuel tank capacity		
Tier 4/Stage 5	358 gal	1.355 L
Tier 3	324 gal	1.230 L
Fuel consumption (at full load)		
Tier 4/Stage 5	21.5 gal/hr	81 L/hr
Tier 3	23 gal/hr	87 L/hr
AD Blue/DEF consumption		
Tier 4 / Stage V	0.85 gal/hr	3.24 L/hr
Cooling rating	122°F ambient air	50°C ambient air
Air cleaner	Dry type, pre cleaner and auto dust ejection	

TRACKS

	US	METRIC
Track chain type	42/325	
Track lenght	12' 5"	378 cm
Track pad width	2'	60 cm
Track pad type	Triple grouser (single or demi grouse available as option)	

CRAWLER DRIVE

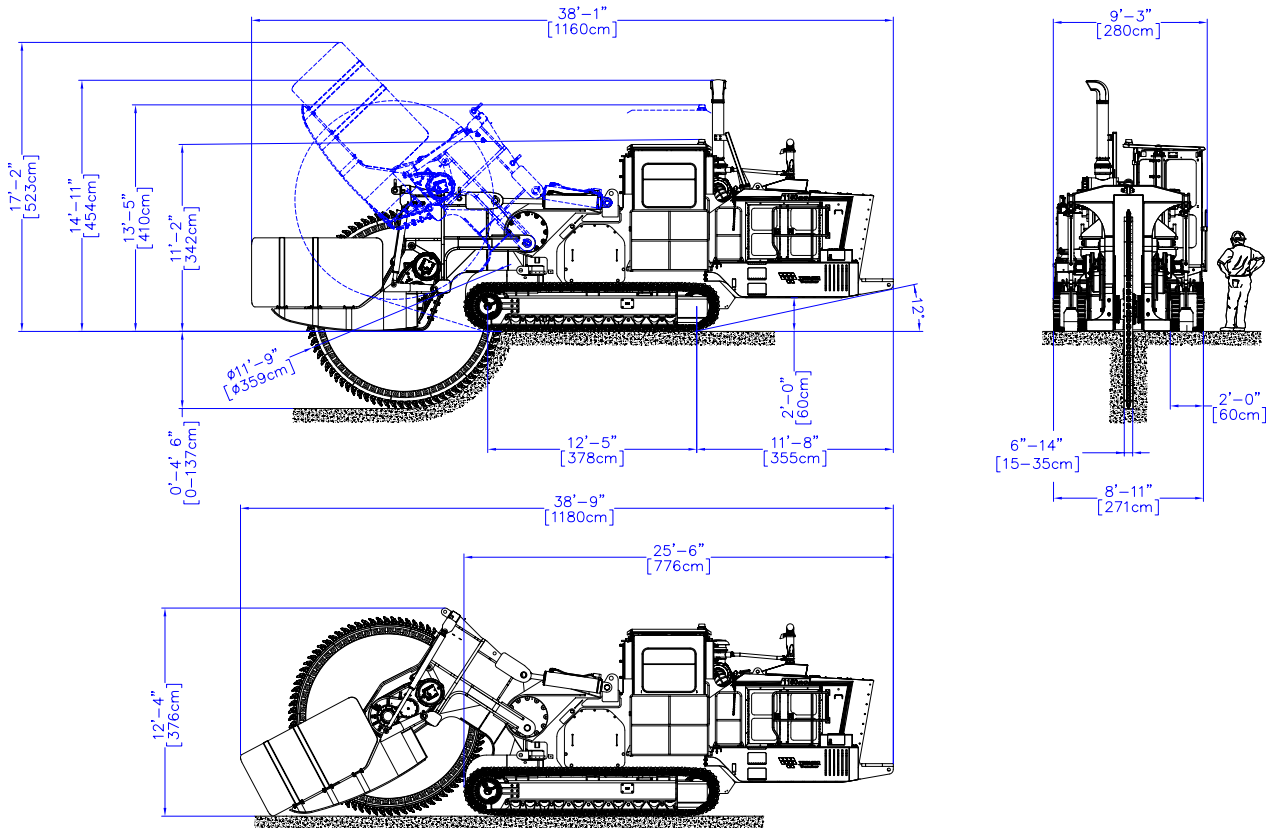
	US	METRIC
Drive	Dual path, hydrostatic, planetary transmissions Full counter rotation with single lever steering	
Infinitely variable speed	Forward and reverse	
High range	0 - 2.05 mph	0 - 3.3 km/h
Low range	0 - 0.93 mph	0 - 1.5 km/h
Parking and service brake	Spring applied, hydraulic release, wet disc brake	

DIGGING DRIVE

	US	METRIC
Drive	Hydrostatic, two pumps and two motors	
Flywheel gearboxes	Shaved, helical gearing, case hardened for shock load	
Digging speed ranges	0 - 482 fpm	0 - 147 m/min
	0 - 594 fpm	0 - 181 m/min
	0 - 705 pfm	0 - 215 m/min
	0 - 816 fpm	0 - 249 m/min
Cutters	Rotary carbide tipped	
Cutters shank diameter	1" 1/2	3.81 cm
Cutters gage	3"	7.62 cm
Rockwheel tip diameter	11' 8"	357 cm

CONVEYOR SYSTEM

	US	METRIC
Not available in this configuration		



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

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