

# 1075 ROCKSAW



The Tesmec 1075 rock saw is a formidable and high-powered machine designed for tackling the most challenging rock-cutting tasks with unparalleled precision and efficiency.

This robust piece of heavy machinery boasts a striking combination of power and precision, making it an indispensable tool for the construction and infrastructure industries. With its imposing steel frame and cutting-edge technology, the Tesmec 1075 stands as a testament to engineering excellence. Its large, diamond-tipped cutting blade effortlessly slices through solid rock, concrete, and other tough materials, producing clean and precise cuts that are vital for various applications like trenching, road construction, and utility installations. The operator's cab is spacious and ergonomically designed, providing both comfort and safety, while advanced controls ensure that even the most intricate cuts are executed with ease. The Tesmec 1075 rock saw is the embodiment of reliability and power, and it continues to be an indispensable asset for demanding projects worldwide.

## STATE OF THE ART TECHNOLOGY

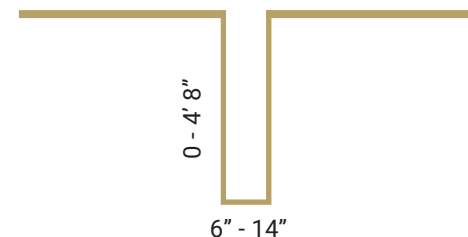
**TrenchTronic 5.0 (standard)** Electronic control with operator selectable digging pressure, fully automatic operation, and remote diagnostic system.

**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



**TESMEC**  
*draw the way forward*

[in](#) [YouTube](#) [Instagram](#) [Facebook](#)  
www.tesmec.com

## TRANSPORT DIMENSIONS

	US	METRIC
Length	33' 5"	1.018 cm
Width	9' 2"	280 cm
Height	12' 1"	368 cm
Weight	80,900 - 87,000 lbs	36.700 - 39.500 kg
Ground pressure	12.6 - 13.6 psi	0.89 - 0.96 kg/cm2

## ENGINE

	US	METRIC
<b>Model and Max HP (kW)</b>		
Tier 4/Stage V CAT 9.3B ACERT	375 HP (280 kW)	375 HP (280 kW)
<b>Max no load rpm</b>	2,000 RPM	2.000 RPM
<b>Fuel tank capacity</b>	195 gal	738 L
<b>Fuel consumption (at full load)</b>	19.5 gal/hr	73.8 L/hr
<b>AD Blue/DEF consumption</b>	0.63 gal/hr	2.38 L/hr
<b>Cooling rating</b>	135°F ambient air	57°C ambient air
<b>Air cleaner</b>	Dry type, centrifugal precleaner with primary and secondary filters	

## TRACKS

	US	METRIC
<b>Track chain type</b>	38/320	
<b>Track length</b>	11'	336 cm
<b>Track pad width</b>	2' 8"	81 cm
<b>Track pad type</b>	Single, double or triple grouser	

## CRAWLER DRIVE

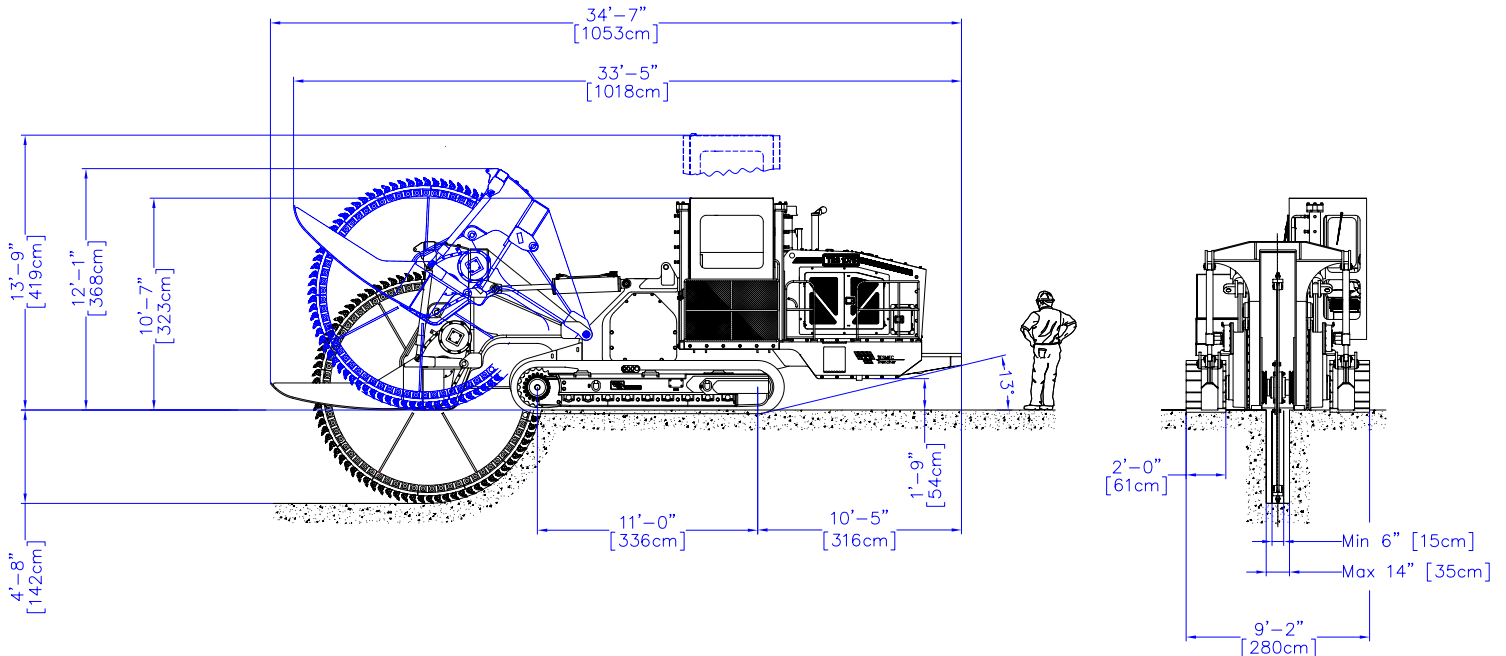
	US	METRIC
<b>Drive</b>	Dual path, hydrostatic, planetary transmissions Full counter rotation with single lever steering	
<b>Infinitely variable speed</b>	Forward and reverse	
High range	0 - 4 km/h	0 - 2.5 mph
Low range	0 - 1.7 km/h	0 - 1.1 mph
<b>Parking and service brake</b>	Spring applied, hydraulic release, wet disc brake	

## DIGGING DRIVE

	US	METRIC
<b>Drive</b>	Hydrostatic, two pumps and two motors	
<b>Flywheel gearboxes</b>	Shaved, helical gearing, case hardened for shock load	
<b>Digging speed ranges</b>	0 - 617 fpm	0 - 188 m/min
<b>Cutters for rock configuration</b>	Rotary carbide tipped	
<b>Cutters shank diameter</b>	1 - 1/2"	3.81 cm
<b>Cutters gage</b>	3"	7.62 cm

## CROSS CONVEYOR SYSTEM

	US	METRIC
<b>Not available in this configuration</b>		



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