

975EVO ROCK HAWG



Tesmec 975 EVO Rock Hawk is a 44 metric ton-class surface miner featuring a 375 HP (280 kW) engine employed in bulk excavations, tunneling projects and continuous surface mining

STANDARD FEATURES

Productivity Achieve maximum productivity with 975EVO tractor and Rockhawk attachment, offered as standard with drum guard, cross conveyor and track protection (both in Upcutting configuration only), TrenchTronic and Re.M. It can work in Up cutting and Down cutting by changing configuration.

Modularity This model is available also with a Chainsaw attachment, making it the ideal solution for multiple applications.

Safety in cab Experience the safety of the pressurized cab with air conditioning, heating and sound suppression. This is elevating with ROPS and FOPS, as well as compartment security locks.

OPTIONAL FEATURES

- Air compressor, automatic greasing kit, automatic drum greasing kits, security kit and work light package
- Water spray dust suppression system
- Rubber tracks pads
- TrenchIntel, Smart Tracker and Laser automatic system for depth control
- Remote control for maintenance
- Trencher radio control system
- Tilt undercarriage
- Swap kit to Chainsaw attachment

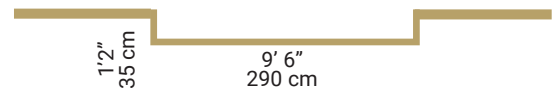
STATE OF THE ART TECHNOLOGY

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

TrenchTronic 5.0 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

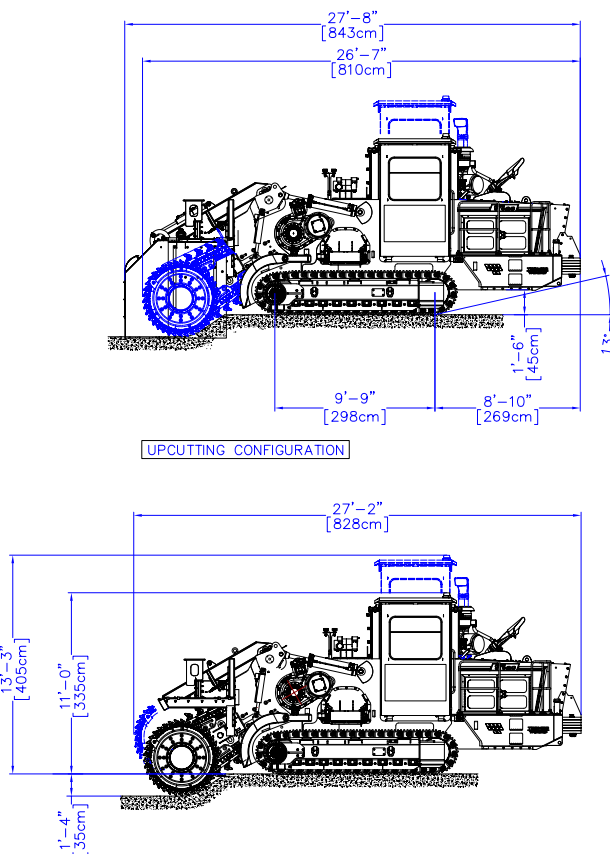
	METRIC	US
Length	828 cm	27' 2"
Width		
with drum	290 cm	9' 6"
without drum and drum guard with digging motors	276 cm	9' 1"
without drum and drum guard without digging motors	254 cm	8' 4"
Height	335 cm	11' 0"
Weight	44.000 Kg	97.000 lbs
Ground pressure	1.21 kg/cm ²	17.2 psi

ENGINE

	METRIC	US
Model and Max HP (kW)		
Tier 4/Stage V CAT C9.3B	375 HP (280 kW)	
Tier 3 CAT C9.3B	375 HP (280 kW)	
Max no load rpm	2.000 RPM	
Fuel tank capacity	660 L	174 gal
Fuel consumption (at full load)	68 L/hr	18 gal/hr
AD Blue/DEF consumption		
Tier 4/Stage V	5.44 L/hr	1.43 gal/hr
Cooling rating	54°C ambient air	130°F ambient air
Air cleaner	Dry type, two stages with pre-cleaner and automatic dust ejection	

TRACKS

	METRIC	US
Track chain type	D5	
Track length	298 cm	9' 9"
Track pad width	61 cm	2'
Track pad type	Triple grouser (single or double available as option)	



CRAWLER DRIVE

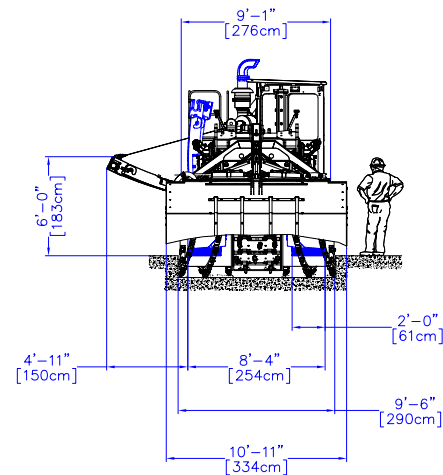
	METRIC	US
Drive	Dual path, hydrostatic, planetary transmissions	
	Full counter rotation with single lever steering and single lever direction	
Infinitely variable speed	Forward and reverse	
High range	0 - 2.75 km/h	0 - 1.71 mph
Low range	0 - 1.38 km/h	0 - 0.86 mph
Parking and service brake	Spring applied, hydraulic release, wet disc brake	

DIGGING DRIVE

	METRIC	US
Drive	Hydrostatic, two pumps and two motors	
Flywheel gearboxes	Shaved, helical gearing, case hardened for shock load	
Digging speed ranges	0 - 150 m/min	0 - 490 fpm
	0 - 210 m/min	0 - 690 fpm
	0 - 270 m/min	0 - 890 fpm
	0 - 300 m/min	0 - 990 fpm
Digging chain	Double chain 54/345	
Digging chain adjustment	Positive locking	
Cutters	Rotary carbide tipped	
Cutters shank diameter	3.81 cm	1" 1/2"
Cutters gage	7.62 cm	3"

CROSS CONVEYOR

	METRIC	US
Available on Up-cutting configuration only		
Reversible and shiftable	Yes	
Conveyor belt speed	0 - 240 m/min	0 - 790 fpm
Conveyor discharge direction	Right or left	
Conveyor belt width	60 cm	1' 11"
Conveyor length	250 cm	8' 3"
Discharge height	183 cm	6' 0"



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