

1475XL EVO ROCK HAWG



The Tesmec 1475XL EVO Rock Hawk is a cutting-edge machine specially engineered for demanding excavation tasks, particularly in challenging rocky terrains. It offers exceptional efficiency through innovative technology and robust construction.

Equipped with a pressurized elevating ROPS cab featuring A/C and sound suppression, it ensures operator comfort and safety.

The mechanical digging drive, powered by hydrostatic transmission, allows for precise rock removal, enabling vertical walls and square corners. The integration of a last-generation laser system ensures accuracy and incline adaptability. Additionally, the TrenchTronic 5.0 system maximizes excavation efficiency, while the EVO technology enhances chain-pull and reduces chain-speed, complemented by improved hydraulic components.

With its adaptability and outstanding features, the Tesmec 1475XL EVO Rock Hawk underscores Tesmec's commitment to delivering high-performance solutions for efficient and effective completion of challenging projects.

STATE OF THE ART TECHNOLOGY

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


www.tesmec.com

TRANSPORT DIMENSIONS

	US	METRIC
Lenght		
With drum and drum guard	37' 7"	1.147 cm
Without drum guard	36' 5"	1.110 cm
Without drum (Tractor only)	30' 1"	917 cm
Width		
With drum	13' 9"	420 cm
Without drum	13' 6"	411 cm
Without drum and digging motors	11' 6"	350 cm
Height	12' 5"	378 cm
Weight	240,000 - 255,000 lbs	108.861 - 115.665 Kg
Ground pressure	21.5 - 22.80 psi	1.51 - 1.60 kg/cm2

ENGINE

	US	METRIC
Model and Max HP (kW)		
Tier 4/Stage IV CAT C18 ACERT	630 HP (470 kW)	
Tier 3 CAT C18 ACERT	630 HP (470 kW)	
Max no load rpm	2,000 RPM	
Fuel tank capacity	420 gal	1.590 L
Fuel consumption (at full load)		
Tier 4/Stage IV	32.5 gal/hr	122.9 L/hr
Tier 3	34 gal/hr	128.8 L/hr
AD Blue/DEF consumption		
Tier 4/Stage IV	1.13 gal/hr	4,30 L/hr
Cooling rating	129°F ambient air	54.4°C ambient air
Air cleaner	Dry type, two stages with pre-cleaner and automatic dust ejection	

TRACKS

	US	METRIC
Track chain type	365/374	
Track lenght	15' 6"	473 cm
Track pad width	2' 6"	76 cm
Track pad type	Demi-Grouser (Single grouser optional)	

CRAWLER DRIVE

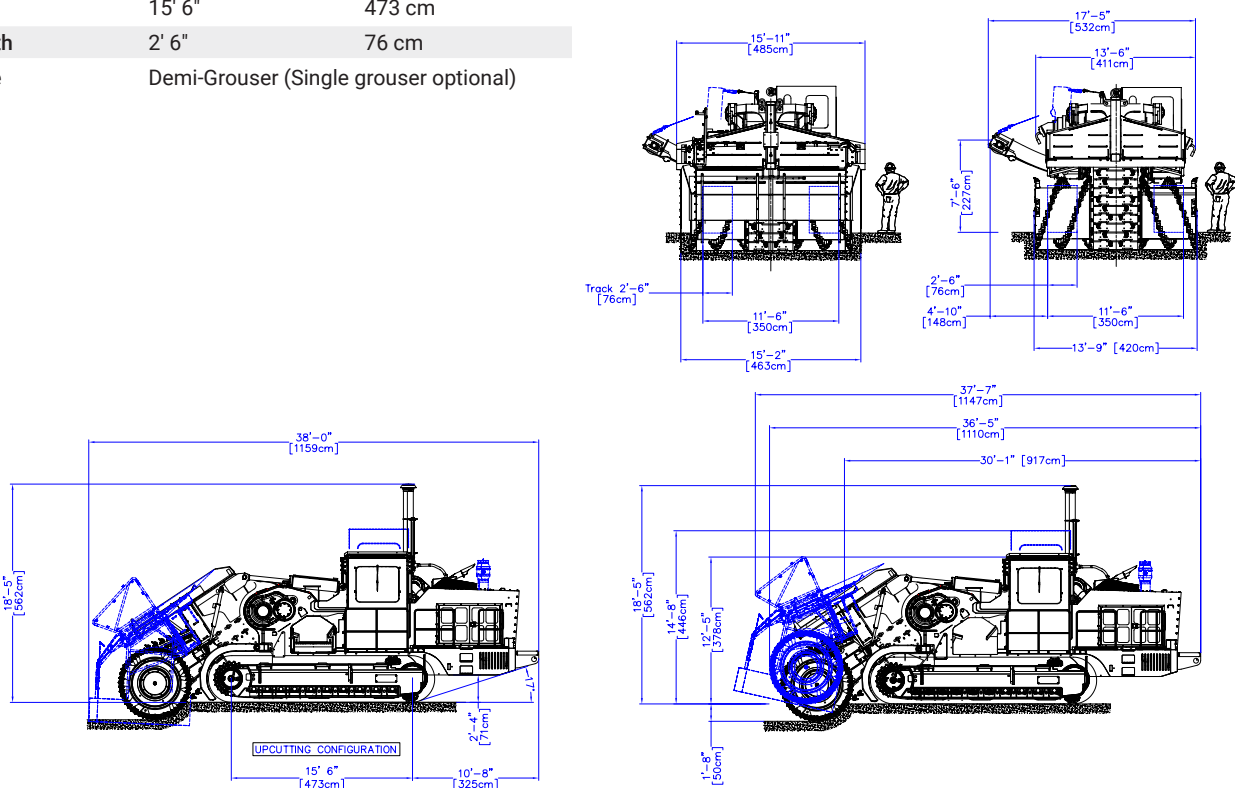
	US	METRIC
Drive	Dual path, hydrostatic, planetary transmissions Full counter rotation with single lever steering	
Infinitely variable speed	Forward and reverse	
High range	0 - 1.54 mph	0 - 2.47 km/h
Low range	0 - 0.77 mph	0 - 1.24 km/h
Parking and service brake	Spring applied, hydraulic release, wet 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 - 205 fpm	0 - 63 m/min
	0 - 367 fpm	0 - 112 m/min
	0 - 465 pfm	0 - 142 m/min
	0 - 583 fpm	0 - 178 m/min
	0 - 670 fpm	0 - 204 m/min
Digging chain	D9R / D9N	
Cutters	Rotary carbide tipped	
Cutters shank diameter	1" 1/2	3.81 cm
Cutters gage	3"	7.62 cm
Drum tool tip diameter	6' 2"	188 cm

CONVEYOR SYSTEM

	US	METRIC
Available on Up-cutting configuration only		
Reversible and shiftable	Yes	
Conveyor belt speed	0 - 900 fpm	0 - 275 m/min
Conveyor discharge direction	Right or left	
Conveyor belt width	2' 12"	91.4 cm
Conveyor lenght	14' 9"	450 cm
Discharge height	7' 7"	231 cm



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