

1475XL EVO BUCKET WHEEL



Tesmec 1475XL EVO Bucket wheel is a high performance 90 metric ton-class trencher featuring a 630 HP (470 kW) engine ideal for mid to big size pipelines projects in dirt and light rocky soils

STANDARD FEATURES

Productivity Achieve maximum productivity with 1475XL EVO tractor and bucket wheel attachment, offered as standard with cross conveyor system, TrenchTronic and Re.M.

Modularity Enhance 1475XL EVO potential exploiting its modularity. This model is available also with a Chainsaw attachment. 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 and FOPS, as well as compartment security locks.

OPTIONAL FEATURES

- Air compressor, work light package and security kit
- Smart Tracker
- Trencher radio control system
- Swap kit to Chainsaw attachment

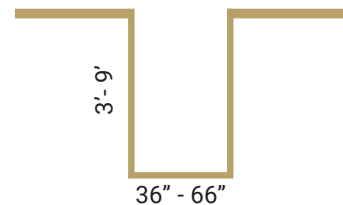
STATE OF THE ART TECHNOLOGY

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

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



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TRANSPORT DIMENSIONS

	US	METRIC
Lenght	48' 9"	1.485 cm
Width		
complete machine	12' 8"	387 cm
without digging motors	11' 10"	360 cm
Height	14' 0"	427 cm
Weight	169,700 - 218,300 lbs	77.000 - 99.000 Kg
Ground pressure	15.92 psi	1.119 kg/cm ²

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

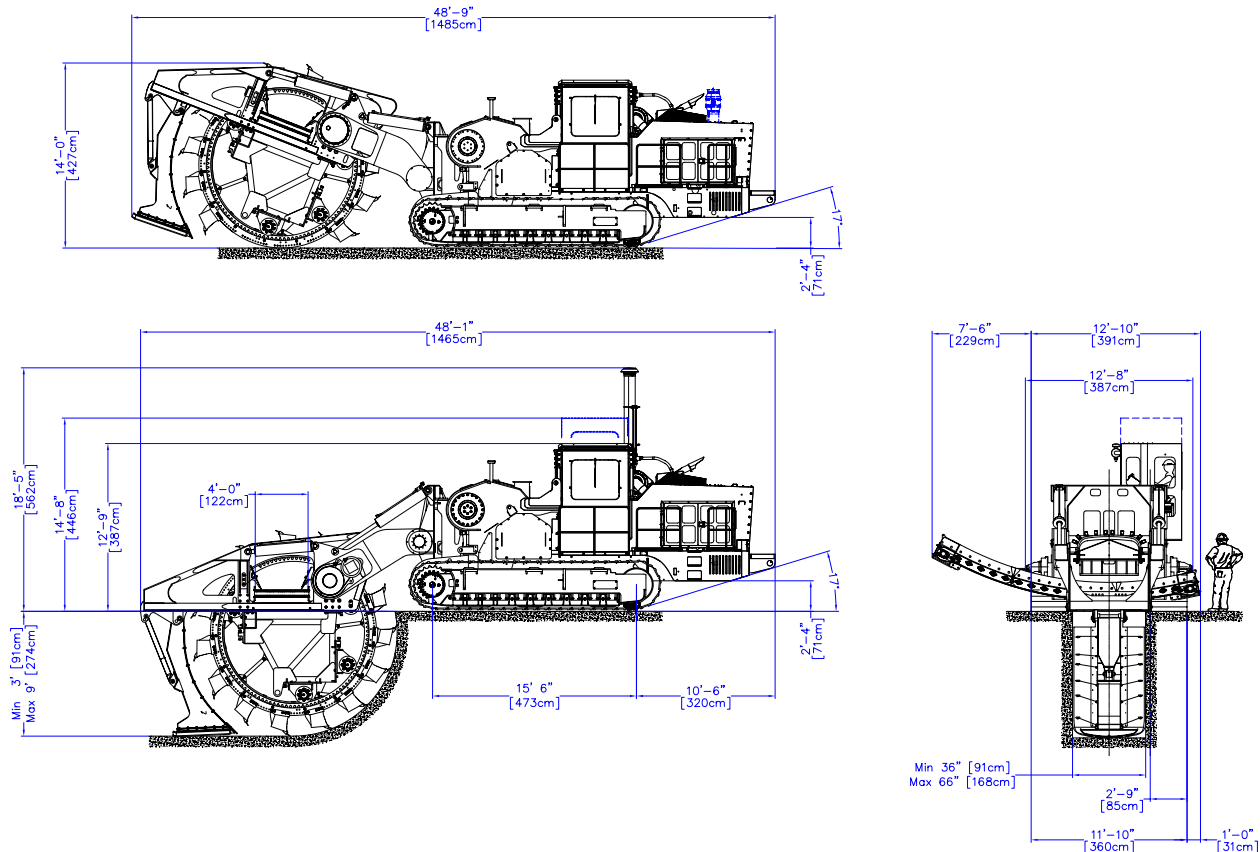
	US	METRIC
Drive	Dual path, hydrostatic, planetary transmissions	
	Full counter rotation with single lever steering	
Infinitely variable speed	Forward and reverse	
High range	0 - 1.54 mph	0 - 2.47 km/h
Low range	0 - 0.77 mph	0 - 1.24 km/h
Parking and service brake	Spring applied, hydraulic release, wet 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	324 ft/min	99 m/min
	390 ft/min	119 m/min
	462 ft/min	141 m/min
	557 ft/min	170 m/min
Digging rims	Plate with forged steel segments multiple drilled for 15 or 18 bucket set up	
Cutters	Rotary carbide tipped	
Cutters shank diameter	1" 1/2	3.81 cm
Cutters gage	3"	7.62 cm

CONVEYOR SYSTEM

	US	METRIC
Reversible and shiftable	Yes	
Conveyor belt speed	0 - 1.000 fpm	0 - 305 m/min
Conveyor discharge direction	Right or left	
Conveyor belt width	4' 0"	122 cm
Conveyor lenght	19' 8"	600 cm



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

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