

# 1475XL EVO CHAINSAW



Tesmec 1475XL EVO Chainsaw is a high performance 110 metric ton-class rock trencher featuring a 630 HP (470 kW) engine ideal for mid to big size pipelines

## STANDARD FEATURES

**Productivity** Achieve maximum productivity with 1475XL EVO tractor and chainsaw attachment, offered as standard with adjustable stabilizers, crumbshoe or protection bar, cross conveyor system, TrenchTronic and Re.M.

**Modularity** Enhance 1475XL EVO potential exploiting its modularity. This model is available also with a Rockhawg attachment, making it the ideal solution for multiple applications. 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

- Side-mounted truck loading conveyor - kit - not foldable and over transport dimension
- Air compressor, automatic greasing kit, security kit and work light package
- TrenchIntel, Smart Tracker and Laser automatic system for depth control
- Rubber track pads
- Remote control for maintenance and trencher radio control system
- Swap kit to Rockhawg attachment

## STATE OF THE ART TECHNOLOGY

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

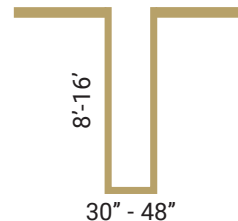
**Re.M (Standard)** The remote monitoring system with machine data remote monitoring, fleet location management, troubleshooting information and operating conditions

**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.

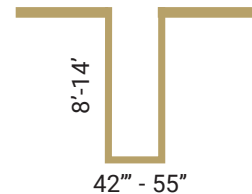
**SmartTracker (Optional)** Automatically collects as built data while the machine is trenching, avoiding survey stakeout and achieve the complete digitalization of the jobsite

## TRENCHING DIMENSIONS

### DOUBLE CHAIN NARROW BOOM



### DOUBLE CHAIN WIDE BOOM



## TRANSPORT DIMENSIONS

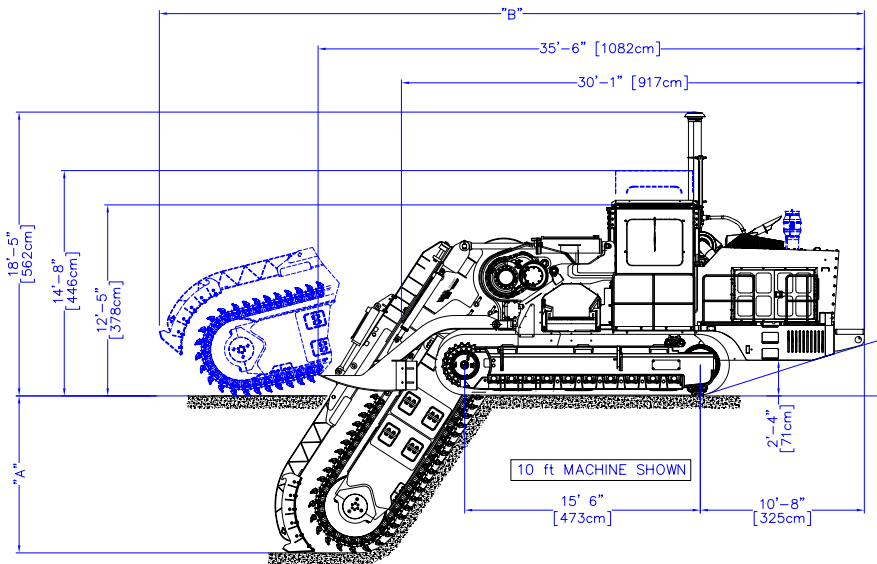
	US	METRIC	
Lenght	8 ft boom	42' 7"	42' 7"
	10 ft boom	45'	45'
	12 ft boom	47' 7"	47' 7"
	14 ft boom	51'	51'
	16 ft boom	52' 5"	52' 5"
	Only tractor and stabilizers	35' 6"	35' 6"
	Only tractor	30' 1"	30' 1"
Width	complete machine	13' 6"	13' 6"
	without digging motors	11' 6"	11' 6"
Height	12' 5"	12' 5"	
Weight	204,300 - 240,300 lbs	204.300 - 240.300 lbs	
Ground pressure	18.7 - 22.04 psi	18.7 - 22.04 psi	

## ENGINE

	US	METRIC
<b>Model and Max HP (kW)</b>		
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
<b>Fuel consumption (at full load)</b>		
Tier 4/Stage IV	32.5 gal/hr	122.9 L/hr
Tier 3	34 gal/hr	128.8 L/hr
<b>AD Blue/DEF consumption</b>		
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	

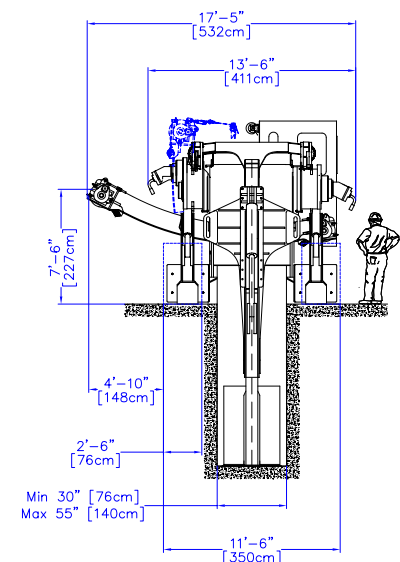
## DIGGING DRIVE

	US	METRIC
Drive	Hydrostatic, two pumps and two motors	
Flywheel gearboxes	Shaved, helical gearing, case hardened for shock load	
Digging speed ranges	0 - 154 fpm	0 - 47 m/min
	0 - 265 fpm	0 - 80 m/min
	0 - 325 pfm	0 - 99 m/min
	0 - 395 fpm	0 - 120 m/min
	0 - 443 fpm	0 - 135 m/min
Digging chain	D9R / D9N	
Digging chain adjustment	Hydraulic	
Digging chain boom top roller	Yes	
Cutters	Rotary carbide tipped	
Cutters shank diameter	1" 1/2	3.81 cm
Cutters gage	3"	7.62 cm
Tailwheel diameter	4'	122 cm

## CONVEYOR SYSTEM

	US	METRIC
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

BOOM	"A"	"B"
8'	8' [244 cm]	42'-7" [1298 cm]
10'	10' [305 cm]	45' [1372 cm]
12'	12' [366 cm]	47'-7" [1450 cm]
14'	14' [427 cm]	51' [1554 cm]
16'	16' [488 cm]	52'-5" [1597 cm]



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