

# 400MCT R670



Tesmec 400MCT with R670 is a 11 metric ton-class trencher featuring a 238 Hp (175kW) tier 4/Stage V engine, or a 218 Hp (218 kW) tier 3 engine, designed for telecom and fiber optic projects in urban areas

## STANDARD FEATURES

**Productivity** Exploit the productivity of 400MCT tractor and R670 axial wheel attachment, with a hydraulic offset of 70 cm (2' 4") from machine centerline either direction, +/- 12° hydraulic tilt (rotation about horizontal axis) and +/- 13° hydraulic pivot (rotation about vertical axis). These are offered as standard with Crumbshoe, TrenchTronic and Re.m.

**Modularity** Enhance 400MCT potential thanks to its modularity. This model is available also with RT1100 tangential wheel, CS1200 chainsaw and VP1100 vibratory plow, making it the ideal solution for multiple applications.

**Remote controlled** Experience the radio control system, which enables the operator to control the machine remotely, increasing the safety in site, the visibility on the trenching area and on the trenching tool.

## OPTIONAL FEATURES

- Side mounted dumper loading conveyor, not foldable and over transport dimensions
- Kit Extra Offset max 34 cm (1' 1")
- Reel carrier, rollers and laying box for mechanical laying
- Rubber track pads
- Smart Tracker

## STATE OF THE ART TECHNOLOGY

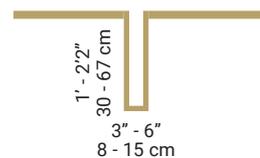
**TrenchTronic** Electronic control with operator selectable digging pressure, fully automatic operation, and remote diagnostic system

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

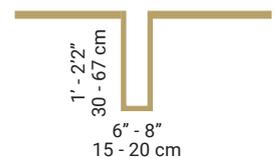
**Smart tracker** Automatically collects as-built data while the machine is trenching, avoiding survey stake-out and achieve the complete digitalization of the jobsite

## TRENCHING DIMENSIONS

R670 AXIAL WHEEL NARROW



R670 AXIAL WHEEL WIDE



## TRANSPORT DIMENSIONS

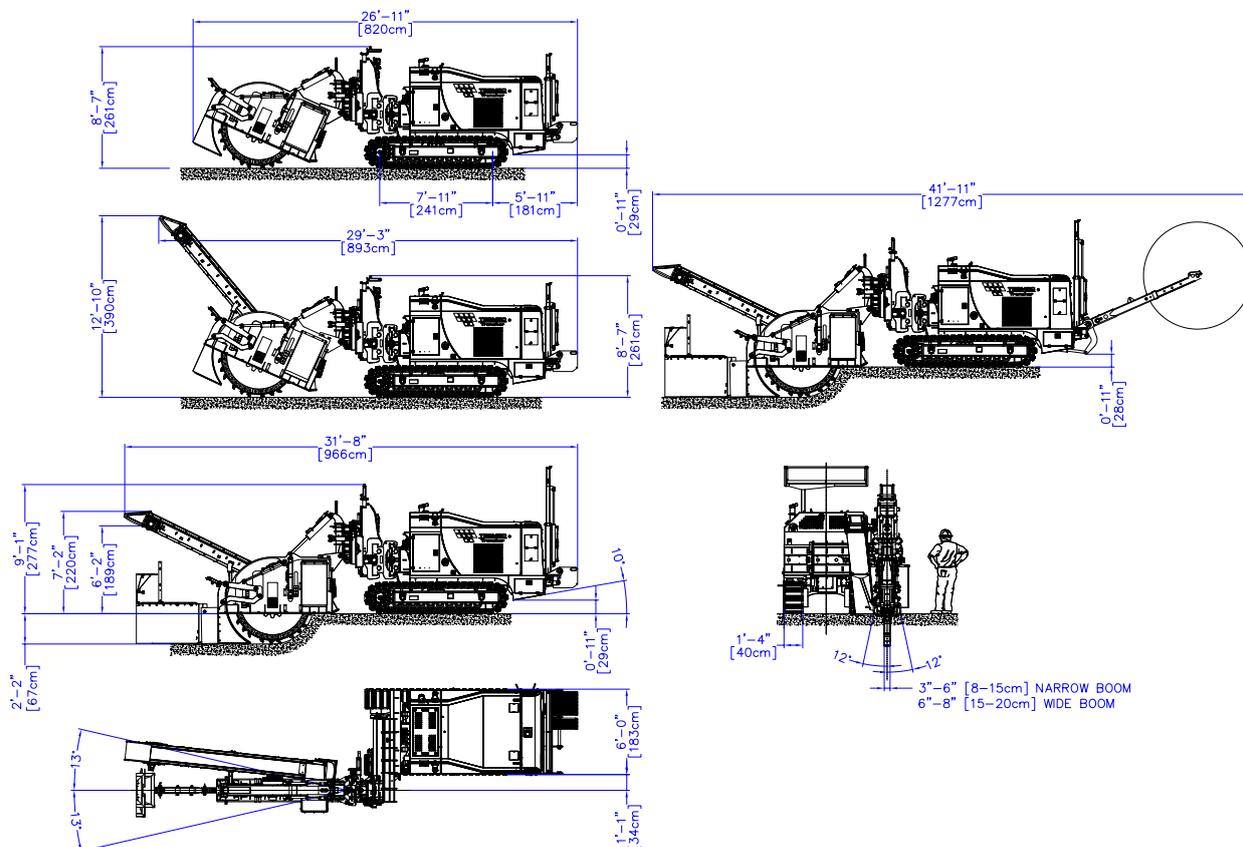
	METRIC	US
<b>Length</b>	820 cm	26' 11"
with dumper loading conveyor	893 cm	29' 3"
<b>Width</b>	183 cm	6' 0"
<b>Height</b>	261 cm	8' 7"
with dumper loading conveyor	390	12' 10"
<b>Weight</b>	11.500 - 13.500 Kg	25.300 - 29.700 lbs
<b>Ground pressure</b>	0.59 - 0.70 kg/cm <sup>2</sup>	7.8 - 9.5 psi

## ENGINE

	METRIC	US
<b>Model and Max HP (kW)</b>		
Tier 4/Stage V VOLVO TAD583VE	238 HP (175 kW)	
Tier 3 VOLVO TAD552VE	218 HP (160 kW)	
<b>Max no load rpm</b>	1.700 RPM	
<b>Fuel tank capacity</b>	190 L	50.2 gal
<b>Fuel consumption (at full load)</b>		
Tier 4/Stage V	41.8 L/hr	11.04 gal/hr
Tier 3	44 L/hr	11.62 gal/hr
<b>AD Blue/DEF consumption</b>		
Tier 4 / Stage V	2.59 L/hr	0.68 gal/hr
<b>Cooling rating</b>	54°C ambient air	130°F ambient air
<b>Air cleaner</b>	Power Core	

## TRACKS

	METRIC	US
<b>Track chain type</b>	FL4	
<b>Track length</b>	241 cm	7' 11"
<b>Track pad width</b>	40 cm	1' 4"
<b>Track pad type</b>	Triple grouser (single available as option)	
<b>Self-leveling (tilting) undercarriage</b>	20 cm	0' 8"



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

## CRAWLER DRIVE

	METRIC	US
<b>Drive</b>	Hydraulic open circuit, planetary transmission	
	Full counter rotation	
<b>Infinitely variable speed</b>	Forward and reverse	
Working speed	0 - 1.16 km/h	0 - 0.72 mph
Transfer speed	0 - 1.93 km/h	0 - 1.20 mph
<b>Parking and service brake</b>	Spring applied, hydraulic release, wet disc brake	

## DIGGING DRIVE

	METRIC	US
<b>Drive</b>	Hydrostatic, one variable displacement pump and one motor	
<b>Digging speed ranges</b>	0 - 457 m/min	0 - 1550 fpm
<b>Cutters</b>	Rotary carbide tipped	
<b>Cutters shank diameter</b>	2.0 cm	0.8"
<b>Cutters gage</b>	5.1 cm	2"

## DUMPER LOADING CONVEYOR (optional)

	METRIC	US
<b>Conveyor belt speed</b>	0 - 117 m/min	0 - 385 fpm
<b>Conveyor belt width</b>	35 cm	1' 2"
<b>Conveyor length</b>	400 cm	13' 1"
<b>Discharge height</b>	1985 mm	6' 6"

# TESMEC

draw the way forward