

SIDECUT SC4P



Tesmec SC4P is a 3 metric ton-class trencher featuring a 74 HP (55 kW) Stage V engine or 73 HP (54kW) Tier 4 engine designed for the deployment of fiber optic networks in urban areas

STANDARD FEATURES

Productivity Exploit the productivity of Sidecut SC4P, featuring an hydraulic offset digging backend of 39 cm (15") right and 16 cm (6") left, an hydraulic tilt (rotation about horizontal axis) of $\pm 15^\circ$ and an hydraulic pivot (rotation about vertical axis) of $\pm 19.5^\circ$. These are offered as standard with manual crumbshoe, Re.M and TrenchTronic.

Maneuverability Enhance SC4P potential and its compact dimensions, articulated steering and axial driven cutting wheel mounted on a 5-axis boom, which allows it to cut on sidewalks with limited disturbance to pedestrian and traffic during work, trench in curves and adapt to urban strains.

Remote control 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

- Smart Tracker

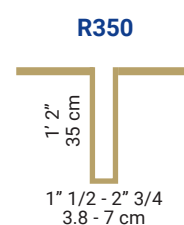
STATE OF THE ART TECHNOLOGY

TrenchTronic The remote control with machine data remote monitoring, fleet location management, troubleshooting information and operating conditions

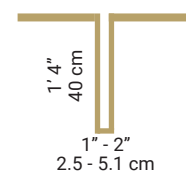
Re.M The remote monitoring system with machine data remote monitoring, fleet location management, troubleshooting information and operating conditions

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

TRENCHING DIMENSIONS



R400A with PCD and vacuum*



* External vacuum unit required

TRANSPORT DIMENSIONS

	METRIC	US
Lenght	460 cm	15' 1"
Width	105 cm	3' 5"
Height	193 cm	6' 4"
Weight	3.000 kg	6.600 lbs

ENGINE

	METRIC	US
Model and Max HP (kW)		
Stage V - Kohler KDI 2504	74 HP (55 kW)	
Tier 4 - Kohler KDI 2504	73 Hp (54 kW)	
Max no load rpm	2000 RPM	
Fuel tank capacity	86 L	23 gal
Fuel consumption (at full load)	14.5 L/hr	3.8 gal/hr
Cooling rating	46°C ambient air	115°F ambient air
Air cleaner	Dry type, with primary and secondary filters	

TRANSMISSION

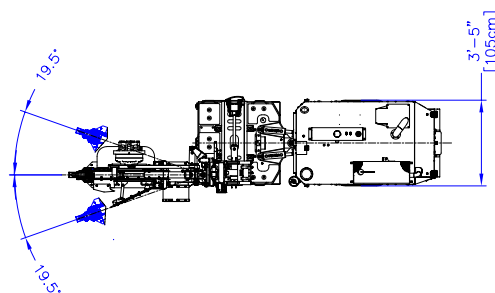
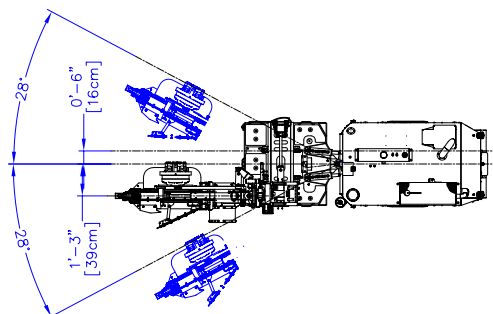
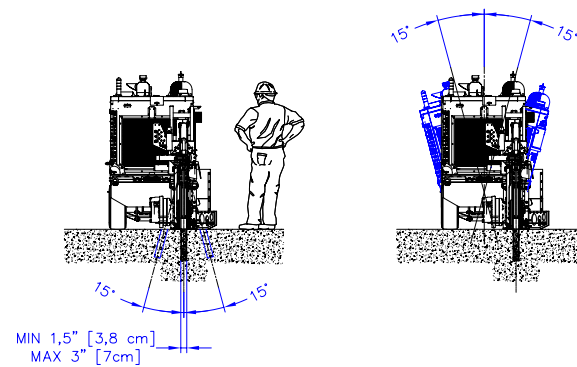
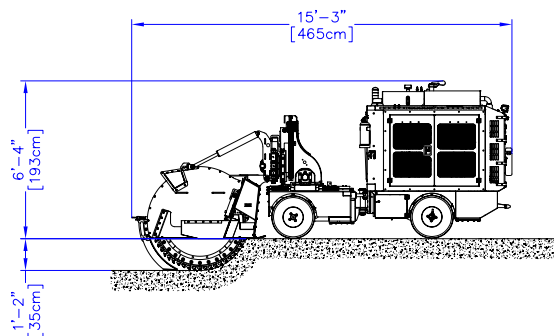
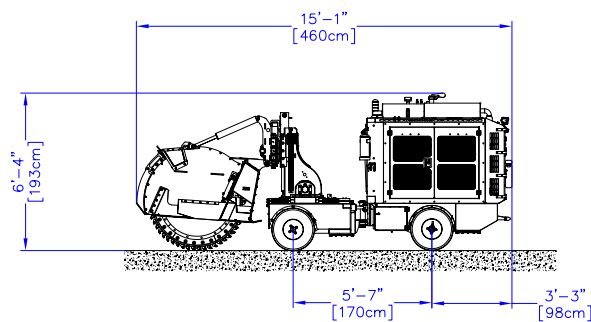
	METRIC	US
Type	Permanent four wheels drive	
Wheels	Solid	
Wheels dimensions	200/75-9	21x8-9
Rim Dimension	6.00E - 9	
Wheelbase	170 cm	5' 7"
Tilting undercarriage	+/- 15°	

DRIVE

	METRIC	US
Drive	Hydrostatic with open circuit pump and orbital motors	
Fixed transfer speeds	5 speeds forward and 2 speeds reverse	
1st	1.6 m/min	5 fpm
2nd	3.1 m/min	10 fpm
3rd	6.6 m/min	21 fpm
4th	12.9 m/min	42 fpm
5th	25 m/min	82 fpm
1st rev	2.0 m/min	6 fpm
2nd rev	25.0 m/min	82 fpm
Working speed	Infinitely variable	
	0 - 12.5 m/min	41 fpm
Parking and service brake	Spring applied, hydraulic release, wet disc brake	

DIGGING DRIVE

	METRIC	US
Drive	Hydrostatic close circuit	
Digging speed ranges	334 m/min	1095 fpm
Cutters	Rotary carbide tipped	
Cutters shank diameter	1.4 cm	1/16"
Cutters gage	5.5 cm	2" 1/64



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