

SIDECUT SC4P



The Tesmec SC4P Sidecut, a radio-controlled micro-trencher, is engineered to minimize disruptions during trenching operations

This advanced machine streamlines manpower requirements while bolstering safety measures and reducing environmental impact. Tailored specifically for urban fiber optic network deployment, the SC4P excels in maneuverability, featuring a full remote-controlled system and articulated steering. Its carrier, equipped with four-wheel drive, ensures precision in trenching radius curves, aided by the pivot tool's ± 28 degree clearance in open or locked-down modes.

The tool's ± 15 degree tilt facilitates easy wheel positioning regardless of ground slope. With a standard offset of 15 3/8" (39cm) right and 6 1/4" (16cm) left, the SC4P guarantees precise trench excavation, maintaining desired dimensions with remarkable smoothness and accuracy. Whether employed in urban development for utility installations or fiber projects, the SC4P Sidecut consistently delivers outstanding performance.

Furthermore, its seamless integration with a vacuum trailer ensures a debris-free road surface, further enhancing its efficiency and effectiveness.

STATE OF THE ART TECHNOLOGY

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

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

Smart tracker (optional) Automatically collects as-built data while the machine is trenching, avoiding survey stakeout while achieving a complete digitalization map of the job-site

TRENCHING DIMENSIONS

R400A with PCD

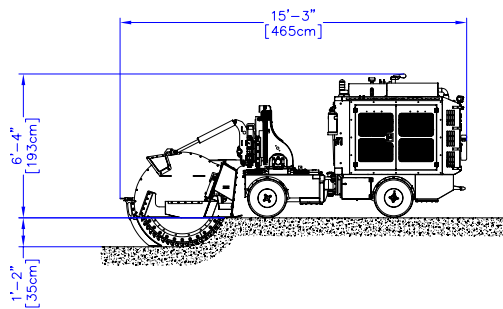
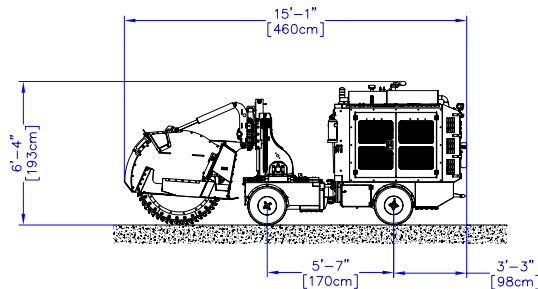


TRANSPORT DIMENSIONS

	US	METRIC
Length	15' 1"	460 cm
Width	3' 5"	105 cm
Height	6' 4"	193 cm
Weight	6,600 lbs	3.000 kg

ENGINE		US	METRIC
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	23 gal	86 L	
Fuel consumption at full load	3.8 gal/hr	14.5 L/hr	
Cooling rating	115°F ambient air	46°C ambient air	
Air cleaner	Dry type, with primary and secondary filters		

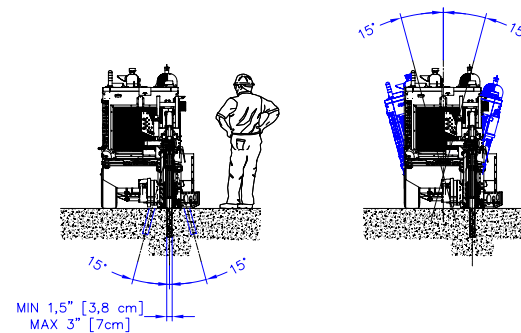
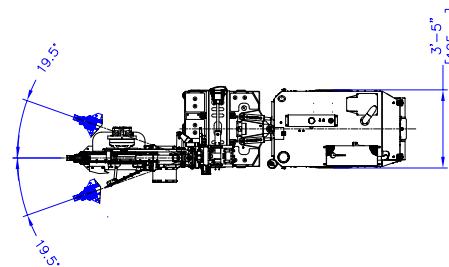
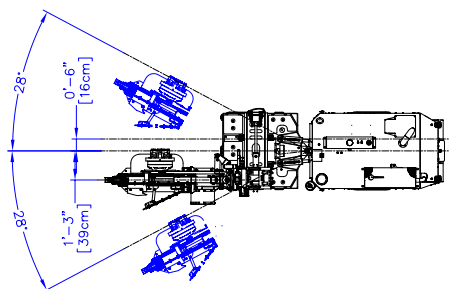
TRANSMISSION		US	METRIC
Type	Permanent four wheel drive		
Wheels	Solid		
Wheels dimensions	21x8-9	200/75-9	
Rim Dimension	6.00E - 9		
Wheelbase	5' 7"	170 cm	
Tilting undercarriage	+/- 15°		



DRIVE		US	METRIC
Drive	Hydrostatic with open circuit pump and orbital motors		
Fixed transfer speeds	5 speeds forward and 2 speeds reverse		
	1st	5 fpm	1.6 m/min
	2nd	10 fpm	3.1 m/min
	3rd	21 fpm	6.6 m/min
	4th	42 fpm	12.9 m/min
	5th	90 fpm	27 m/min
	1st rev	6 fpm	2.0 m/min
	2nd rev	90 fpm	27 m/min
Working speed	variable		
	41 fpm	0 - 12.5 m/min	

DIGGING DRIVE		US	METRIC
Drive	Hydrostatic closed circuit		
Digging speed ranges	96 rpm		
Cutters	Rotary carbide tipped or PDC		

EXTERNAL VACUUM TRAILER		US	METRIC
External vacuum trailer required			
Recommended vacuum trailer airflow	+1,000 CFM	1.700+	



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

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