

RC320



Tesmec RC320 is a 44 metric ton-class reel carrier featuring a 250 Hp (186kW) Tier 3 engine, or a 275 HP (205 kW) tier 4/Stage V designed to carrying and unrolling cables or pipes. It is conceived for energy cable projects.

STANDARD FEATURES

Efficiency Exploit the efficiency of Tesmec RC320, ideal to be used in combination with a 300 Wrapping Machine Tesmec and a Tesmec trencher in a mechanical laying process.

Reel-stands RC320 is suitable to string three conductors of up to 20 ton weight. All reel-stands can work simultaneously and have independent control of pulling load. The tensioning system allows to keep a constant tensioning value during start and stop of reel carrier.

Technology Experience the state of the art technology of 300 Wrapping Machine, offered as standard with Radio control and Re.M.

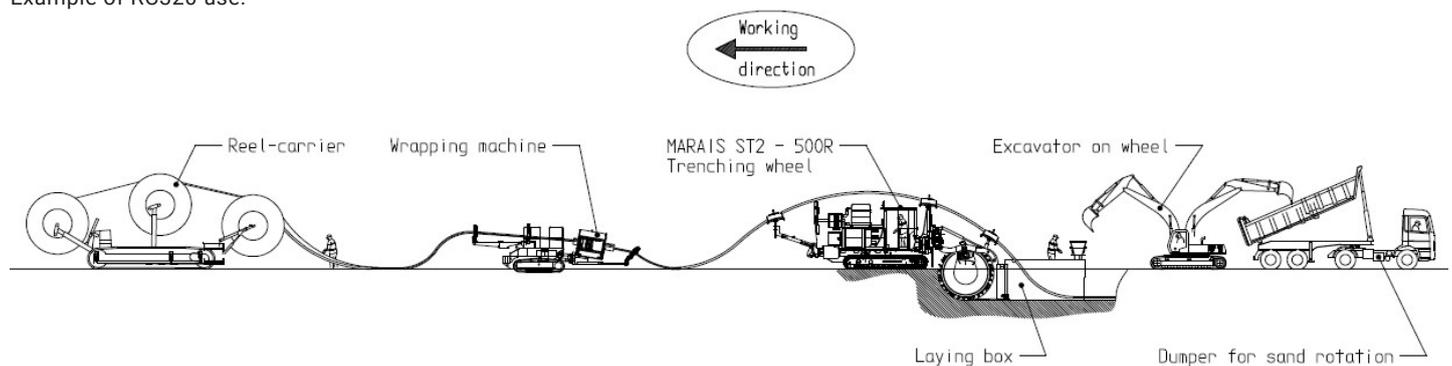
STATE OF THE ART TECHNOLOGY

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

Remote Control It enables the operator to control the machine remotely, increasing the safety in site, the visibility on the trenching area and on the trenching tool.

THE MECHANICAL LAYING PROCESS

Example of RC320 use:



TESMEC
draw the way forward


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TRANSPORT DIMENSIONS

	METRIC	US
Length	1.255 cm	41' 2"
Without front and rear reel stands	754 cm	24' 9"
Width	350 cm	11' 6"
Height	340 cm	11' 2"
Weight	44.500 Kg	98.100 lbs
Without front reel-stand	42.000 Kg	92.500 lbs
Without front and rear reel stands	39.500 Kg	87.000 lbs
Ground pressure (unloaded)	0.49 kg/cm2	6,7 psi
Without front reel-stand	0.46 kg/cm2	6,6 psi
Without front and rear reel stands	0.43 kg/cm2	6,11 psi

ENGINE

	METRIC	US
Model and Max HP (kW)		
Tier 4/stage V CAT C7.1 ACERT	275 HP	205 kW
Tier 3 CAT C7.1 ACERT	250 HP	186 kW
Max no load rpm	2.150 RPM	
Fuel tank capacity	325 L	86 gal
Fuel consumption (at full load)		
Tier 4 / Stage V	54 l/h	14.3 gal
Tier 3	50 l/h	13 gal/hr
AD Blue/DEF consumption		
Tier 4 / Stage V	2.20 L/hr	0,52 gal/hr
Cooling rating	50° C	122° F
Air cleaner	Dry type, 2 stages with pre-cleaner and automatic dust ejection	

TRACKS

	METRIC	US
Track chain type	62/350	
Track length	598 cm	19' 8"
Track pad width	70 cm	2' 4"
Track pad type	Triple grouser	

CRAWLER DRIVE

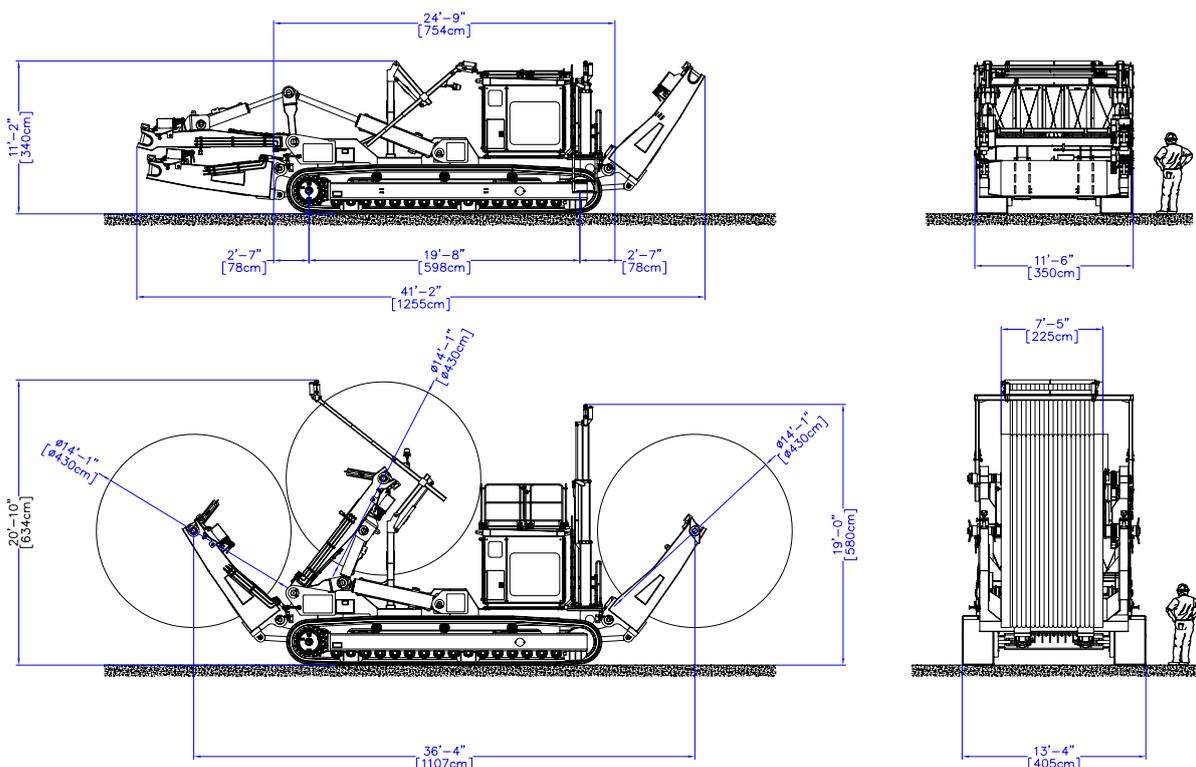
	METRIC	US
Drive	Dual path, hydrostatic, planetary transmissions	
	Full counter rotation, single lever steering and single lever direction	
Infinitely variable speed	Forward and reverse	
High range	0 - 3,9 km/h	0 - 2.43 mph
Low range	0 - 1,8 km/h	0 - 1.12 mph
Parking and service brake	Spring applied, hydraulic release, wet disc brake	

REEL-STAND PERFORMANCE

	METRIC	US
Tensioner performances		
Max pulling force	250 daN (562 lbf) @4.200 mm (13' 9") external diameter	
Speed	200-600 m/h (0.125-0.375 mph)@900 mm (2' 9") core diameter	
Pull back and pay out performances		
Max pulling force	250 daN (562 lbf) @4.200 mm (13' 9") external diameter	
Speed	900 m/h (0.56 mph) core diameter	

REEL-STAND SPECIFICATIONS

	METRIC	US
Max external diameter	430 cm	14' 2"
Max capacity	3 x 20.000 Kg each	3 x 44.100 lbs each
Max width	225 cm	7' 5"
Minimum core diameter	90 cm	3' 0"
	Diameter 200 cm (6' 7") x Width 225 cm (7' 4"), 10.000 kg (22.000 lbs), Shaft diameter 11 cm (4" 1/8)	
	Diameter 250 cm (8' 2") x Width 225 cm (7' 4"), 15.000 kg (33.100 lbs), Shaft diameter 15.2 cm (6")	
	Diameter 380 cm (12' 6") x Width 225 cm (7' 4"), 20.000 kg (44.100 lbs), Shaft diameter 15.2 cm (6")	
	Diameter 430 cm (14' 2") x Width 225 cm (7' 4"), 20.000 kg (44.100 lbs), Shaft diameter 15.2 cm (6")	



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