



ELECTRIC PORTAL WINDING SYSTEM

HIGH DEGREE OF AUTOMATION



FEATURES

- Camera-supported monitoring of the laying process
- Different versions of operating guidance
- Simplified cable handling
- Automatic detection of drum sizes
- Independent clamping and lifting process
- Controlled and adjustable force application
- Dynamic winding
- Fast drum clamping
- Avoidance of slippage and balancing of unevenness

TECHNICAL DATA

Performance	W1400 P	W1700 P	W2000 P	W2500 P	W2800 P
Max. Drum diameter	up to 1400 mm	up to 1700 mm	up to 2000 mm	up to 2500 mm	up to 2800 mm
Min. Drum diameter	from 400 mm	from 400 mm	from 600 mm	from 1000 mm	from 1400 mm
Max. Drum width	900 mm	1100 mm	1450 mm	1525 mm	1650 mm
Min. Drum width	350 mm	350 mm	400 mm	650 mm	900 mm
Max. Drum weight	2,0 t	3,0 t	4,5 t	7,0 t	8,0 t
Core hole sizes	30 mm - 90 mm	30 mm - 90 mm	40 mm - 120 mm	40 mm - 120 mm	40 mm - 120 mm
Winding speed	up to 4 m/s	up to 4 m/s	up to 3 m/s	up to 3 m/s	up to 3 m/s
Drum loading	Fully automatic drum clamping and lifting system with conical quills		Fully automatic drum clamping and lifting system with stepped quills		
Drum drive	Power transmission with rubber wheels for dynamic performance parameters				
Operation	Handheld control and / or remote control				
Dimension (L x B x H)	2,8 x 2,0 x 2,0 m	3,3 x 2,5 x 2,4 m	3,8 x 2,9 x 3,0 m	4,6 x 3,4 x 3,6 m	5,0 x 3,9 x 4,0 m
Machine weight	approx. 1.200 kg	approx. 2.100 kg	approx. 3.200 kg	approx. 4.000 kg	approx. 5.200 kg
Pneumatic	6 bar, oil-free air				
Power supply	3 x 400 VAC / 32 A	3 x 400 VAC / 32 A	3 x 400 VAC / 50 A	3 x 400 VAC / 50 A	3 x 400 VAC / 50 A

LOCATION SWITZERLAND

Ramatech Systems AG . Hohenrainstrasse 36 . CH - 6280 Hochdorf
Phone: +41 (0)41 914 26 26 . E-Mail: info@ramatech.ch

LOCATION GERMANY

Ramatech Systems GmbH. Messerschmittstraße 30 . D - 89231 Neu-Ulm
Phone: +49 731 40 199 200 . E-Mail: info@ramatech.de