

# ROPE MAKING

## Roblon M155

### Roblon M155 combined strander and rope layer

Produces finished rope in any length  
Three-strand and four-strand models  
External take-up

For production of rope from natural fibre yarns  
For production of rope from synthetic fibre yarns  
For production of coiled or loose rope

### Key features

- Start to finish in one continuous operation
- Produce any rope length
- Set lay length electronically
- Set production speed electronically
- Two rope lays per revolution
- Two motors with inverter drives
- Lightweight rotating parts
- Low noise level
- Low power consumption
- Compact, simple, robust design
- Easy to change strand twist
- Highly reliable
- Easy to maintain
- Haul-off system for take-up in cans or boxes
  - External take up
    - on coils
    - on reels
    - on hanks
    - loose in cans or boxes

### Optional equipment:

- Separate coiling unit
- In-line treatment of rope
  - singeing
  - greasing
- Adaption of machine to accommodate other package dimensions and numbers of packages



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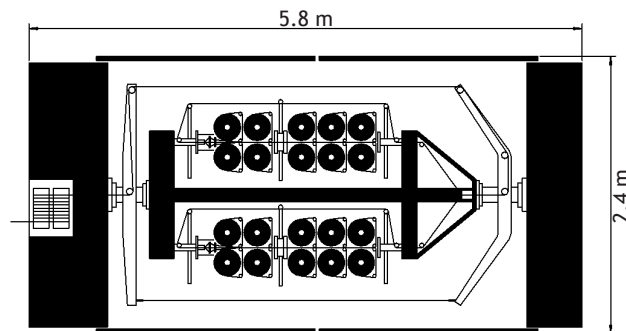
### Technical data

Rope range:	Ø4-16 mm	
Rope flyer speed:	0-max. 525 rpm, depending on pre-twist factor	
Rope lay:	S and Z	
Twists per minute:	2 x rope flyer speed	
Lay length:	14-72 mm. Any length can be set electronically.	
Pre-twist factor:	0.4-2.6 x rope twist	
Take-up capacity:	Unlimited	
Pay-off packages:	M155/3	M155/4
	3 x 10, max. Ø250 x 300 mm traverse	4 x 10s, max. Ø250 x 300 mm traverse

### Production capacity

	Output	Flyer speed		Output	Flyer speed
Ø4 mm:	66 kg	525 rpm	Ø10 mm:	733 kg	480 rpm
Ø5 mm:	120 kg	525 rpm	Ø12 mm:	1,187 kg	450 rpm
Ø6 mm:	198 kg	525 rpm	Ø14 mm:	1,257 kg	300 rpm
Ø8 mm:	413 kg	500 rpm	Ø16 mm:	1,876 kg	300 rpm

Examples based on three-strand polypropylene rope. Pre-twist factor: 0.8. Lay length: medium. Efficiency rate: 100%. 8 hours' production.



Motor power: 22 kW AC and 5.5 kW AC

M155/3 weight: 5,100 kg

M155/4 weight: 5,500 kg

Height: 2.6 m