

Ø12-30 mm rope

ROPE MAKING

Roblon M177

Roblon M177 combined strander and rope layer

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

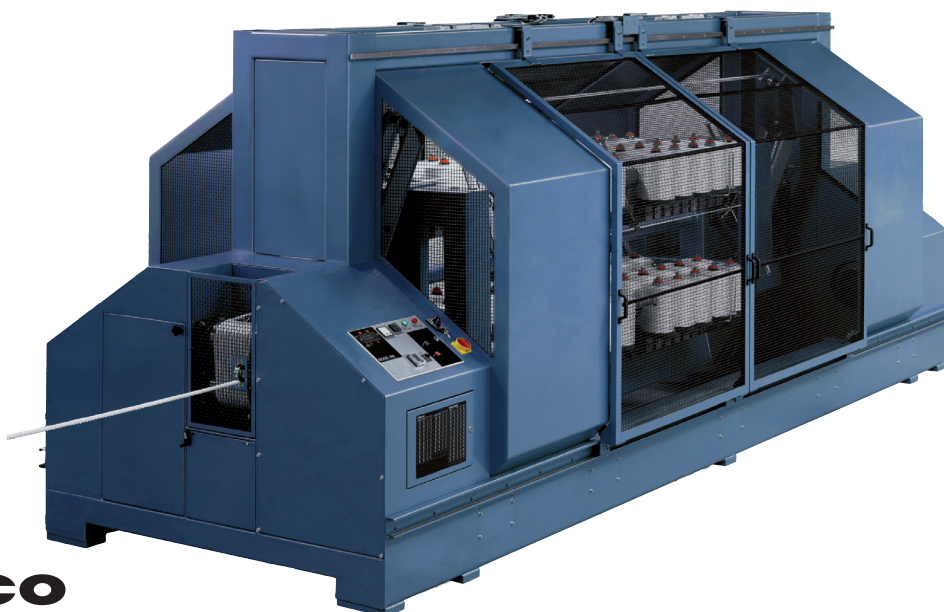
For production of rope from natural fibre yarns
For production of rope from synthetic fibre yarns
For production of coiled or loose rope

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
- 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



Robco
Engineering

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v3.3

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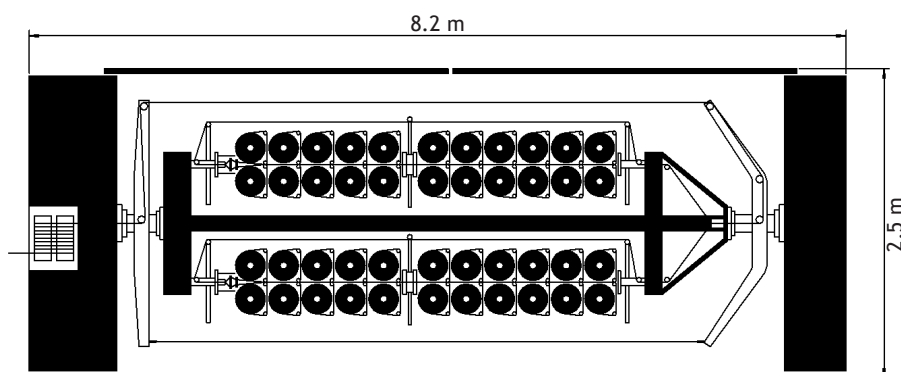
Technical data

Rope range:	Ø12-30 mm	
Rope flyer speed:	0-max. 275 rpm, depending on pre-twist factor	
Rope lay:	S and Z	
Twists per minute:	2 x rope flyer speed	
Lay length:	24-121 mm. Any length can be set electronically.	
Pre-twist factor:	0.6-2.0 x rope twist	
Take-up capacity:	Unlimited	
Pay-off packages:	M177/3	M177/4
	3 x 22, max. Ø250 x 300 mm traverse	4 x 22, max. Ø250 x 300 mm traverse

Production capacity

	Output	Flyer speed
Ø12 mm:	730 kg	275 rpm
Ø16 mm:	1,720 kg	275 rpm
Ø20 mm:	2,750 kg	225 rpm
Ø22 mm:	3,250 kg	200 rpm
Ø26 mm:	5,100 kg	190 rpm
Ø30 mm:	7,010 kg	170 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 and 15 kW

M177/3 weight: 10,900 kg

M177/4 weight: 12,000 kg

Height: 2.6 m