DSTiTAC

M44

Ø 3-10mm rope *Making*

M44 combined starander and rope-layer

For the production of finished coiled rope from natural and synthetic fibre yarrns
Production coils from 44m to 4,890m
Three-strand and four-strand models
From strat to finished in one countinuous operation
High production speed
Extremely high output

Key features

- Hydraulic take-up system
- Increased take-up capacity
- Two rope rays per revolution
- Constant winding tension
- Inverter drive
- User-friendly touchscreen control panel
- Light weight rotating parts
- Low noise level
- Low power consumption
- Simple, robust design
- Easy to change strand twist
- High reliable
- Easy to maintain

Optional equipment

- Crane with lifting fork and electronic shackle
- Winding on steel flange reels
- Winding on customer's own reels
- Customized coiling heads
- Ring-twister packages for use as pay-off pactages
- Beam-feeding system
- YStrand-break detection system
- Yarn-break detection system
- Equipment for production of wire fencing
- Shearing device
- Adaption of machine to accommodate othe package dimentions and numbers of packages

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Technical data

Rope Range	ø3-10mm	
Flyer speed	0-max, 1,200 rpm, depending on pre-twist factor	
Rope lay	S and Z	
Twists per minute	2 x rope flyer speed	
Lay length	7.6-45mm / 130-22 twists per meter	
Pre-twist factor	0.43-2.55 x rope twist	
Take-up, coiling head	ø420mm, adjustable traverse max, 300mm, barrel ø135	
Take-up, max.weight	Polypropylene 20kg	
Pay-off package	M44-3	M44-4
	3 x 3, max, ø250 x 300mm traverse	4 x 3, max, ø250 x 300mm traverse
	3 x 1, max, ø400 x 500mm traverse	4 x 1, max, ø400 x 500mm traverse
	3 x 3, max, ø175 x 250mm traverse	4 x 3, max, ø175 x 250mm traverse

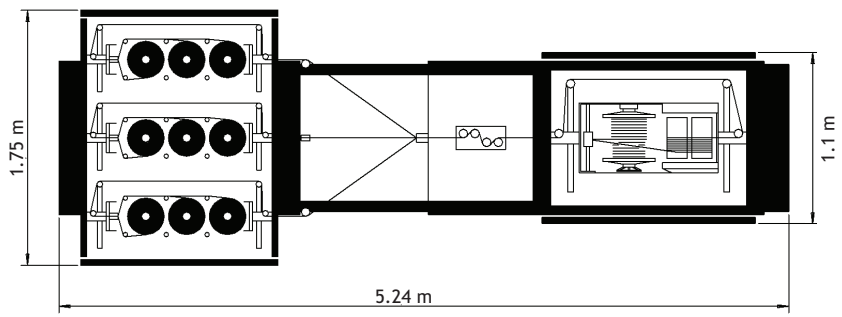
Examples based on three-strand polypropylene rope, Pre-twist factor: 0.8. Lay length: medium, Efficiency rate: 100%.
8 hours operation

Take-up capacity

Rope Range	Coiling head
ø3 mm	4,890 m
ø4 mm	2,750 m
ø6 mm	1,220 m
ø7 mm	900m
ø8 mm	690m
ø10 mm	440m

Production capacity

Rope Range	Output	Flyer speed
ø3 mm	71 kg	1,200 rpm
ø4 mm	151 kg	1,200 rpm
ø6 mm	377 kg	1,000 rpm
ø7 mm	512 kg	900 rpm
ø8 mm	680 kg	800 rpm
ø10 mm	916 kg	600 rpm



Motor power: 11 kW AC M44-3 weight: 2,000 kg M44-4 weight: 2,000 kg Height: 1.7m m