

Ø 3-10mm rope *Making*

M44 combined starander and rope-layer

For the production of finished coiled rope from natural and synthetic fibre yarns

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 dimintions and numbers of packages



DSTiTAC M44

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

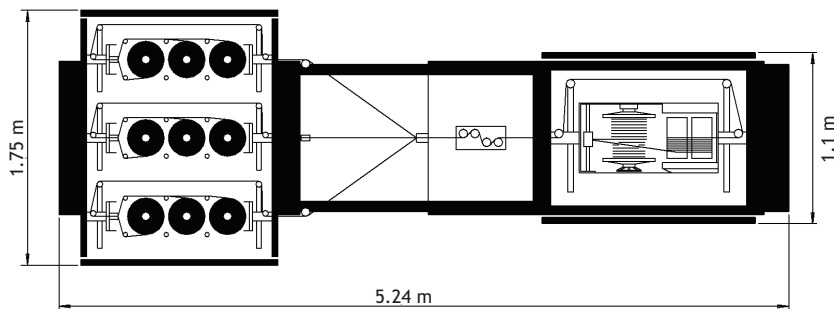
Examples based on three-strand polypropylene rope, Pre-twist factor: 0.8. Lay length: medium, Efficiency rate: 100%.
8 hours operation

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

Ø 4-16mm rope *Making*

M44 combined starander and rope-layer

For the production of finished coiled rope from natural and synthetic fibre yarnns

Production coils from 260m to 1,030m

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 dimintions and numbers of packages



DSTiTAC M55

Technical data

Rope Range	ø4-16mm	
Flyer speed	0-max, 900 rpm, depending on pre-twist factor	
Rope lay	S and Z	
Twists per minute	2 x rope flyer speed	
Lay length	12-66mm / 82-15 twists per meter	
Pre-twist factor	0.43-2.55 x rope twist	
Take-up, coiling head	ø480mm, adjustable traverse max, 345 mm, barrel ø135	
Take-up, max.weight	Polypropylene 30kg	
Pay-off package	M55-3	M55-4
	3 x 10, max, ø250 x 300mm traverse	4 x 10, max, ø250 x 300mm traverse

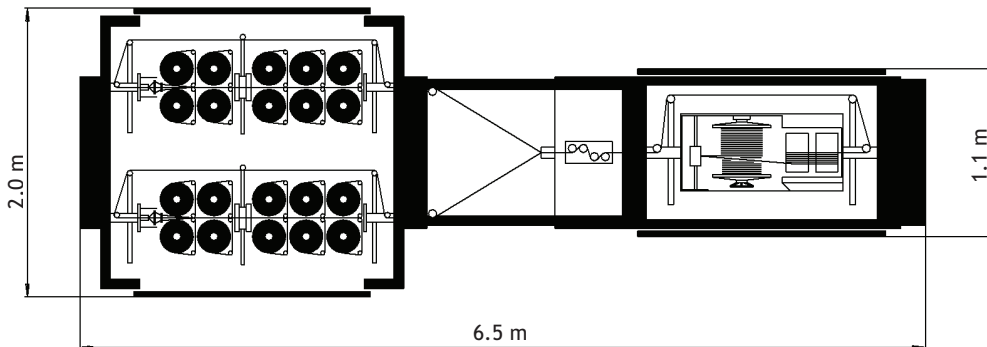
Examples based on three-strand polypropylene rope, Pre-twist factor: 0.8. Lay length: medium, Efficiency rate: 100%.
8 hours operation

Take-up capacity

Rope Range	Coiling head
ø8 mm	1,030 m
ø12 mm	460 m
ø14 mm	340 m
ø16 mm	260m

Production capacity

Rope Range	Output	Flyer speed
ø8 mm	500 kg	600 rpm
ø12 mm	1,320 kg	500 rpm
ø14 mm	2,000 kg	450 rpm
ø16 mm	2,200 kg	350 rpm



Motor power: 15 kW AC

M55-3 weight: 4,600 kg

M55-4 weight: 5,100 kg

Height: 2.13 m

Ø 8-20mm rope *Making*

M44 combined starander and rope-layer

For the production of finished coiled rope from natural and synthetic fibre yarns

Production coils from 390m to 2,300m

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 dimintions and numbers of packages



DSTiTAC M66

Technical data

Rope Range	ø8-20mm	
Flyer speed	0-max, 450 rpm, depending on pre-twist factor	
Rope lay	S and Z	
Twists per minute	2 x rope flyer speed	
Lay length	21-106mm / 47-9.4 twists per meter	
Pre-twist factor	0.6-2.1 x rope twist	
Take-up, coiling head	ø670mm, adjustable traverse max, 400 mm, barrel ø210	
Take-up, max. weight	Polypropylene 70kg	
Pay-off package	M66-3	M66-4
	3 x 22, max, ø250 x 300mm traverse	4 x 22, max, ø250 x 300mm traverse
	3 x 18, max, ø300 x 300mm traverse	4 x 18, max, ø300 x 300mm traverse

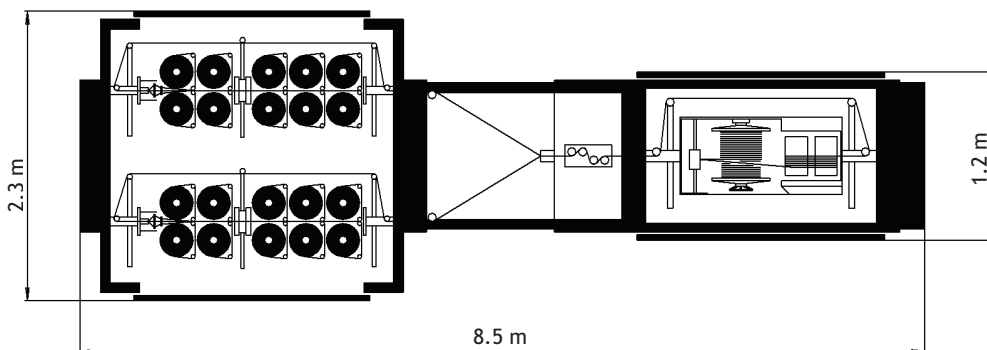
Examples based on three-strand polypropylene rope, Pre-twist factor: 0.8. Lay length: medium, Efficiency rate: 100%.
8 hours operation

Take-up capacity

Rope Range	Coiling head
ø8 mm	2,330 m
ø12 mm	1,060 m
ø16 mm	600 m
ø20 mm	390m

Production capacity

Rope Range	Output	Flyer speed
ø8 mm	260 kg	350 rpm
ø12 mm	800 kg	350 rpm
ø16 mm	1800 kg	300 rpm
ø20 mm	2800 kg	225 rpm



Motor power: 22 kW AC

M66-3 weight: 5400 kg

M66-4 weight: 5900 kg

Height: 2.2 m

Ø 12-30mm rope *Making*

M77 combined starander and rope-layer

For the production of finished coiled rope from natural and synthetic fibre yarns

Production coils from 415m to 2,600m

Three-strand and four-strand models

From strat to finished in one countinuous operation

High production speed

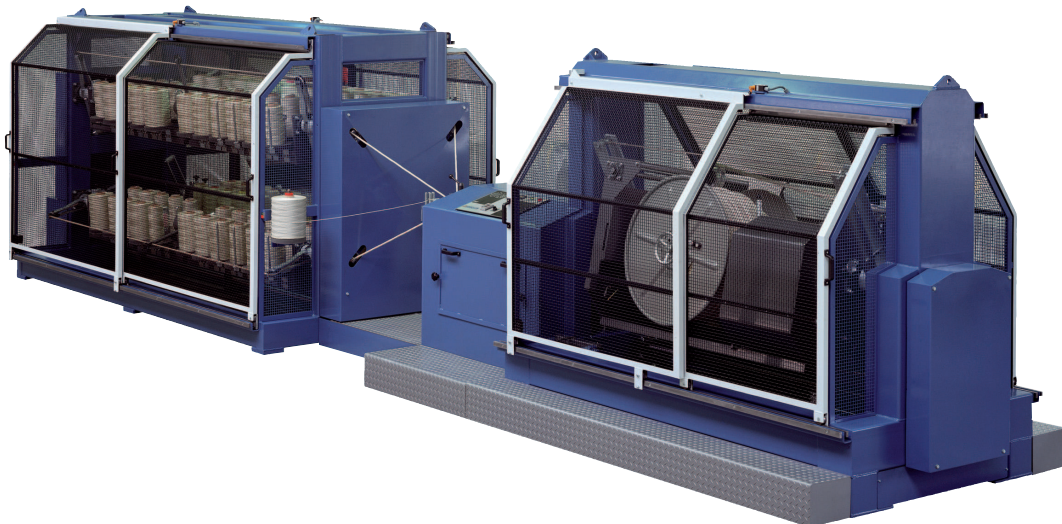
Extremely high output

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 dimintions and numbers of packages



DSTiTAC M77

Technical data

Rope Range	ø12-30mm	
Flyer speed	0-max, 260 rpm, depending on pre-twist factor	
Rope lay	S and Z	
Twists per minute	2 x rope flyer speed	
Lay length	45-122mm / 22-8.2 twists per meter	
Pre-twist factor	0.4-2.0 x rope twist	
Take-up, coiling head	ø900mm, adjustable traverse max, 525 mm, barrel ø260	
Take-up, max.weight	Polypropylene 170kg	
Pay-off package	M77-3	M77-4
	3 x 22, max, ø250 x 300mm traverse	4 x 22, max, ø250 x 300mm traverse
	3 x 18, max, ø300 x 300mm traverse	4 x 18, max, ø300 x 300mm traverse

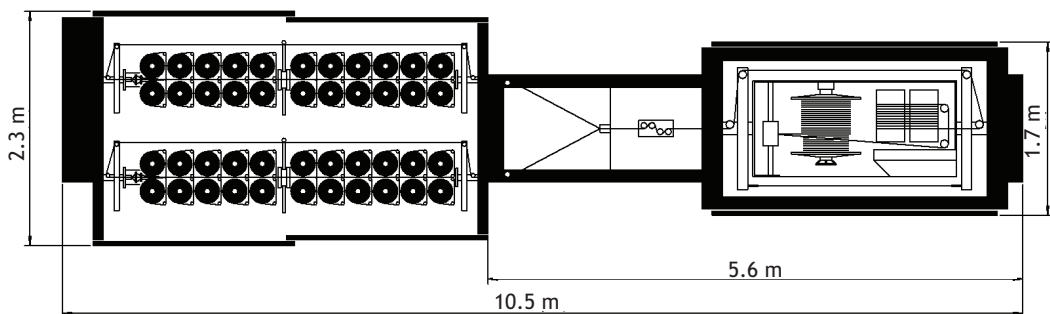
Examples based on three-strand polypropylene rope, Pre-twist factor: 0.8. Lay length: medium, Efficiency rate: 100%.
8 hours operation

Take-up capacity

Rope Range	Coiling head
ø12 mm	2,600 m
ø16 mm	1,450 m
ø20 mm	930 m
ø26 mm	550m
ø28 mm	465m
ø30 mm	415m

Production capacity

Rope Range	Output	Flyer speed
ø16 mm	690 kg	260 rpm
ø20 mm	2700 kg	220 rpm
ø26 mm	3700 kg	180 rpm
ø28 mm	4400 kg	140 rpm
ø30 mm	5000 kg	120 rpm



Motor power: 22 kW AC

M77-3 weight: 7,300 kg

M77-4 weight: 8,400 kg

Height: 2.4 m