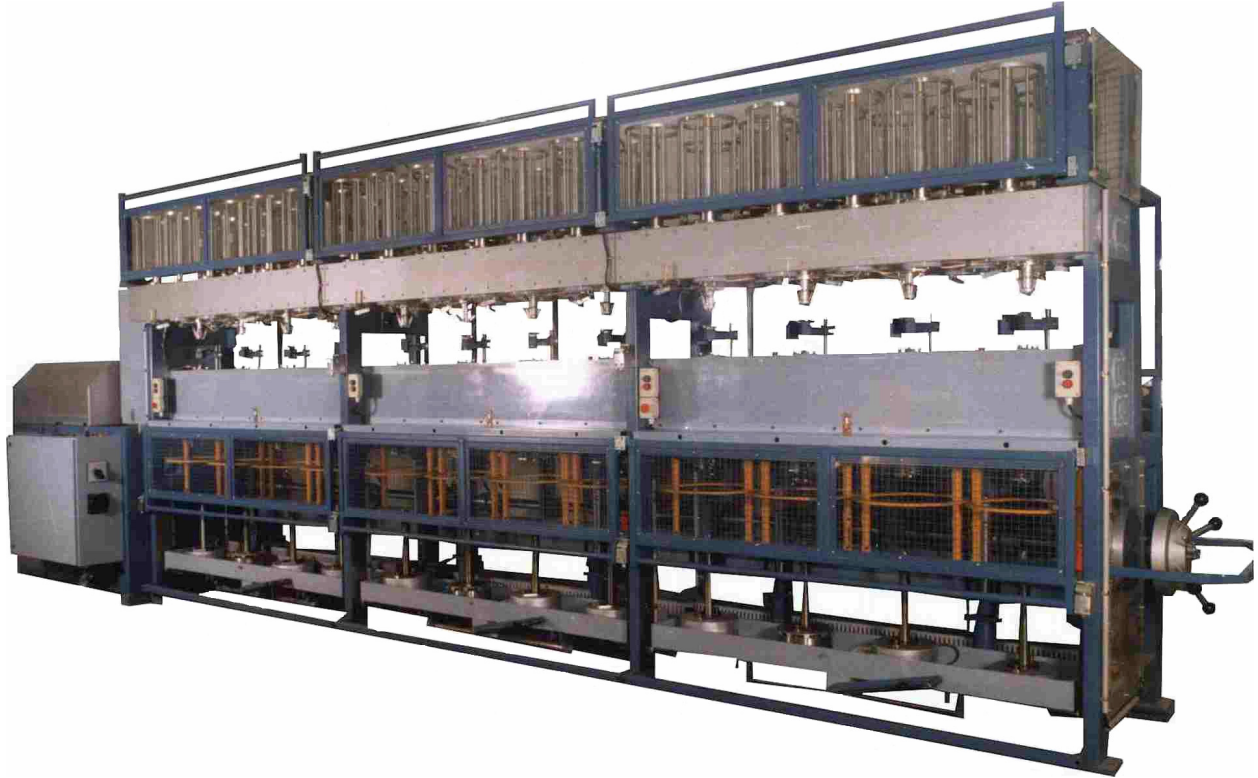


# TEXTILE MACHINERY

## Multi-Spindle Cabling Machine



### Application

Our high performance **Multi-spindle Cabling Machine** was developed for 3 or 4 ply rope production in high quality suitable for synthetic and natural fibres.

### Able to produce soft to extreme hard rope

- High production
- Low maintenance
- Low power consumption
- Limited floor space

### Machine models for

Rope range:  $\varnothing$  1 mm to 7 mm  
 Rope twisting range: 15 to 1000 tpm  
 Take-up bobbins: 4 to 18 spindles  
 Take-up bobbins speed: 1400 to 2300 rpm  
 Supply bobbins: for 3-and 4-ply ropes  
 Supply bobbins speed: 2100 to 2700 rpm

### Productivity comparison

	<u>Our Cabling Machine*</u>	<u>Classic rope machine</u>
$\varnothing$ 3 mm rope	366 kgs/ 8 hours PP	26 kgs / 8 hours PP
$\varnothing$ 4 mm rope	741 kgs/ 8 hours PP	58 kgs / 8 hours PP
$\varnothing$ 6 mm rope	2104 kgs/ 8 hours PP	174 kgs/ 8 hours PP
$\varnothing$ 7 mm rope	2646 kgs/ 8 hours PP	252 kgs / 8 hours PP

*\*Theses figures are achieved with our model **HK 12 x 13** with 12 spindles with three strand polypropylene rope. rope lay factor 3.7, Efficiency rate 100%*

# Technical Specifications

Ø 1 - 7 mm CABLING MACHINE										
Material	PE, PP, PA, PES, natural fibres, man-made fibres,									
Model	HK 12 x 8			HK 12 x 10			HK 12 x 13			
<b>General Information</b>										
Rope range	Strands	3 or 4			3 or 4			3 or 4		
	Ø mm	2 - 6			2 - 6			3 - 7		
	tex PA	780 - 16300			2700 - 16300			6200 - 32000		
Take-up bobbins	6 - 12 - 18			4 - 8 - 12			4 - 8 - 12			
Supply bobbins	3-4 ply			3-4 ply			3-4ply			
Take up bobbins rpm	1800			1400			1400			
Supply bobbins rpm	2700 - 2200			2100 - 1600			2100 - 1600			
Supply bobbins specifications	Traverse	10" - 16"			10" - 16"			12" - 16"		
	Ø	up to 8"			up to 8"			up to 8"		
	Net PA	4.6 - 7.4 kgs			4.6 - 7.4 kgs			4.6 - 7.4 kgs		
Take-up bobbins specifications	Traverse	12" (304 mm)			12" (304 mm)			12" (304 mm)		
	Ø	8" (200 mm)			10" (254 mm)			13" (320mm)		
	Net PA	5.6 kgs			9.2 kgs			15.7 kgs		
Bobbin brake	mechanical			mechanical			electromagnetical			
Turns per meter	15 - 1000			15 - 1000			15 - 1000			
<b>Machine dimensions</b>										
Number of flyers	6	12	18	4	8	12	4	8	12	
Motor kW	15	18.5	22	15	22	30	15	22	30	
Machine weight kgs	2900	4300	5700	3500	5000	6550	3500	5000	6550	
Machine Length m	3.4	5.3	7.2	3.4	5.3	7.2	3.4	5.3	7.2	
Machine Width m	1.35			1.35			1.35			
Machine Height m	2.3			2.3			2.3			
<b>Productivity kgs per 8 hours with Polypropylene rope and 100% efficiency</b>										
Number of spindle	6	12	8	12	8	12	8	12		
Ø 2 mm rope	69	139	72	105	73	110				
Ø 3 mm rope	234	470	208	312	245	366				
Ø 4 mm rope	429	862	409	619	496	741				
Ø 5 mm rope	723	1436	796	1198	806	1213				
Ø 6 mm rope			1252	1881	1398	2104				
Ø 7 mm rope					1780	2646				

Production figures depend on material, diameter, count, climate and motor.

We shall reserve the right to change the technical specifications without prior notice.