



### CARRIERS SPECIFICATION

Carrier type	Horn gear diameter (mm)	Bobbin dimension (mm)	Bobbin capacity (ccm)
A01	80 , 90	42x143	170
A04	90	47x139	217
A05	80, 90	43x113	135
A06	90	50x179	340
A07	110	58x178	396
A08	110	58x178	396
A11	120	63x200	547
A12	120	63x200	547
A13	130	70x210	724
A17	168	87x325	1750





**BOBBIN WINDERS SEMI AUTOMATIC AND ACCESSORIES**

Model number	Bobbin types	Maximum dimension	Maximum capacity
BW - 01	A01,A04,A05,A06	42x143 mm	217 ccm
BW - 02	A07,A08,A11,A12,A13	70x210 mm	724 ccm
BW - 03	A17	87x325 mm	1750 ccm
<b>Accessories</b>			
CS - 1	creel stand for 60 positions		





## TEXTILE FLAT BRAIDING MACHINES

### Main application

Braiding lace of garment accessories, elastic lace, shoelace, wave-lace, tag lace and colorful lace

Carrier type	Horn gear diameter (mm)	Bobbin dimension (mm)	Bobbin capacity (ccm)	Max.RPM horn gear
A05	80	42x143	170	350
A04	90	48x140	217	330

MODEL	Carriers	Heads	Horn gear (mm)	Motor Kw	Bobbin type
KBL 9-4-80	9	4	80	0.55	A05/A04
KBL 9-8-90	9	8	90	0.55	A05/A04
KBL 13-4-80(90)	13	4	80(90)	0.55	A05/A04
KBL 17-4-80(90)	17	4	80(90)	0.55	A05/A04
KBL 21-4-80(90)	21	4	80(90)	0.55	A05/A04
KBL 25-2-80(90)	25	2	80(90)	0.55	A05/A04
KBL 29-2-80(90)	29	2	80(90)	0.55	A05/A04
KBL 33-2-80(90)	33	2	80(90)	0.75	A05/A04
KBL 37-2-80	37	2	80	1.1	A05/A04
KBL 41-1-80	41	1	80	0.55	A05/A04
KBL 45-1-80	45	1	80	0.75	A05/A04
KBL 49-1-90	49	1	90	0.75	A05/A04

### Standard equipment

Inverter for the braiding head speed regulation (soft start)  
Mechanical take up with exchanable gears  
Alarm light, meter counter, engine hour counter  
Half covers with safety sensors, yarn/core sensors

### Optional equipment

Positive rubber feeders  
Top parallel winding device  
Product winders behind the machine



KBL 29-2-90



## TEXTILE ROUND BRAIDING MACHINES

### Main application

Fishing line, medical industries, cords, fashion accessories rope

Carrier type	Horn gear diameter (mm)	Bobbin dimension (mm)	Bobbin capacity (ccm)	Max.RPM horn gear
A05	80	42x143	170	350
A04	90	48x140	217	330

MODEL	Carriers	Heads	Horn gear (mm)	Motor Kw	Bobbin type
KBL 3-6-90	3	6	90	0.37	A04
KBL 4-8-90	4	8	90	0.55	A04
KBL 8-4(8)-110	8	4(8)	110	0.55	A04
KBL 12-4-80(90)	12	4	80(90)	0.55	A05/A04
KBL 16-4-80(90)	16	4	80(90)	0.55	A05/A04
KBL 20-2-80(90)	20	2	80(90)	0.55	A05/A04
KBL 24-2-80(90)	24	2	80(90)	0.75	A05/A04
KBL 28-2-80	28	2	80	0.75	A04
KBL 32-2-90	32	2	90	0.75	A05
KBL 36-2-80	36	2	80	0.75	A04
KBL 40-2-80(90)	40	2	80(90)	1.1	A05/A04
KBL 48-2-80(90)	48	2	80(90)	1.1	A05/A04

### Standard equipment

Inverter for the braiding head speed regulation (soft start)  
Mechanical take up with exchanable gears  
Alarm light, meter counter, engine hour counter  
Half covers with safety sensors, yarn/core sensors

### Optional equipment

Positive rubber feeders  
Top parallel winding device  
Product winders behind the machine



KBL 16-4-90





## ROUND BRAIDING MACHINES

### Main application

Climbing dynamic ropes, safety static ropes, bungee cords, fitness and sport ropes, tent cords, clothes line

Carrier type	Horn gear diameter (mm)	Bobbin dimension (mm)	Bobbin capacity (ccm)	Max.RPM horn gear
A07/A08	110	58x178	396	300
A11/A12	120	63x200	547	280

MODEL	Carriers	Heads	Horn gear (mm)	Motor Kw	Bobbin type
KBL 12-2-110(120)	12	2	110(120)	0.75	A07/A12
KBL 12-4-110(120)	12	4	110(120)	0.75	A07/A12
KBL 16-2-110(120)	16	2	110(120)	0.75	A07/A12
KBL 16-4-110(120)	16	4	110(120)	0.75	A07/A12
KBL 24-2-110(120)	24	2	110(120)	0.75	A07/A12
KBL 32-1-110(120)	32	1	110(120)	1.1	A07/A12
KBL 36-1-110(120)	36	1	110(120)	1.1	A07/A12
KBL 40-1-110(120)	40	1	110(120)	1.1	A07/A12
KBL 44-1-110(120)	44	1	110(120)	1.1	A07/A12
KBL 48-1-110(120)	48	1	110(120)	1.1	A07/A12
KBL 56-1-110(120)	56	1	110(120)	1.1	A07/A12
KBL 64-1-110(120)	64	1	110(120)	1.1	A07/A12

### Standard equipment

Inverter for the braiding head speed regulation (soft start)  
Mechanical take up with exchanable gears  
Alarm light, meter counter, engine hour counter  
Half covers with safety sensors, yarn/core sensors

### Optional equipment

Precise electronical take up, with decoder interface  
Positive rubber feeders  
Top parallel winding device  
Product winders behind the machine



KBL 16-2-120



## ROUND BRAIDING MACHINES

### Main application

Climbing dynamic ropes, safety static ropes, bungee cords, fitness and sport ropes, tent cords, clothes line

Carrier type	Horn gear diameter (mm)	Bobbin dimension (mm)	Bobbin capacity (ccm)	Max.RPM horn gear
A13	130	70x210	724	230
A17	168	87x324	1750	160

MODEL	Carriers	Heads	Horn gear (mm)	Motor Kw	Bobbin type
KBL 12-1-130(168)	12	1	130(168)	0.75	A13/A17
KBL 12-2-130(168)	12	2	130(168)	1.1	A13/A17
KBL 16-1-130(168)	16	1	130(168)	1.1	A13/A17
KBL 16-2-130(168)	16	2	130(168)	1.5	A13/A17
KBL 24-1-130(168)	24	1	130(168)	1.1	A13/A17
KBL 32-1-130(168)	32	1	130(168)	1.5	A13/A17
KBL 36-1-130(168)	36	1	130(168)	1.5	A13/A17
KBL 40-1-130(168)	40	1	130(168)	1.5	A13/A17
KBL 48-1-130(168)	48	1	130(168)	2.1	A13/A17
KBL 56-1-130(168)	56	1	130(168)	2.5	A13/A17
KBL 64-1-130(168)	64	1	130(168)	3.0	A13/A17
KBL 72-1-130(168)	72	1	130(168)	3.0	A13/A17

### Standard equipment

Inverter for the braiding head speed regulation (soft start)  
Mechanical take up with exchanable gears  
Alarm light, meter counter, engine hour counter  
Half covers with safety sensors, yarn/core sensors

### Optional equipment

Precise electronical take up, with decoder interface  
Positive rubber feeders  
Top parallel winding device  
Product winders behind the machine



KBL 32-1-168