

Rotary braiding machines

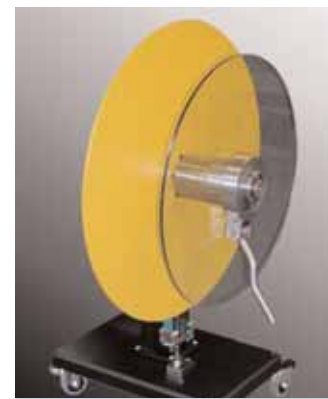


BMV 12 / 16 / 24

Made by Niehoff

Options:

- braid binding 1 over 1 for BMV 12 and BMV 16
- capstan diameter:
 BMV12 650 mm
 BMV16 650 mm
 BMV24 800 mm
- empty bobbin detector sytem
- application of "Allen Bradley" control
- longitudinal tape feeding before applying the braid
- separate take-up and pay-off according to customers specification
- tension control at take-up and pay-off for sensitive braiding material



• longitudinal tape feeding



• empty bobbin detector



BMV 12 / 16 / 24

Types BMV
with 12, 16 and 24 carriers



Machines
Systems
Know-how
Worldwide

We reserve the right to modify according to technical improvement

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Worldwide the partner of the wire and cable industry

12-, 16- and 24- carrier rotary braiding machines with lever arm control based on the Horn System in vertical working direction

Field of application: Applying a shielding braid onto cables and lines, producing braided strands as well as pressure reinforcement of hoses and medical catheters

Examples: coaxial cables, data cables, control cables, earthing straps, fuel hoses, cooling and brake hoses, sanitary hoses, medical catheters

Technical Data:

	BMV 12/16		BMV 24
braiding direction:	vertical		vertical
No. of bobbins:	12/16		24
braid binding:	2 over 2		2 over 2
bobbin rotation speed:	185		110
braiding pitch (mm):	3 – 120		6 – 180
central passage (mm):	50		50
capstan diameter (mm):	500		650
braiding material:		copper, aluminium, steel wire Ø 0.05 mm – 0.30 mm textile and plastic threads, glass fibre	
pull-off tension bobbin carrier:	0.5 N – 10 N		0.5 N – 10 N
bobbin dimensions (mm):		max. Ø 80 x 100/80 (all common types)	
max. noise level (dBA):	78		78
compressed air required (bar):	6		6
drum dimensions:		max. 800 mm flange dia.	
connected load (kVA):	7		8,5
floor space (mm):	1450 x 1000		1600 x 1800
height of machine (mm):	2195		2340
weight (kg):	appr.1100		appr. 1500

Technical Features:



- sound-insulating enclosure with window, illumination, and ventilation

- capstan diameter:
BMV12/16 500 mm
BMV24 650 mm

- separate drive for capstan

- control panel with touch screen B & R control (SPC)

- automatic oil lubrication
- temperature control of the slideway

- central passage 50 mm

- bobbin carrier with bobbins max. 80 x 100/80

- frequency-controlled main drive



- take-up and pay-off integrated into the machine – lifting and lowering by pneumatic device



- tension-controlled bobbin carrier, tension range from 0.5 N to 10 N