



## **BMV 124**

### **Rotary Braiding Machine with 24 bobbins**

Expertise, Customer Driven, Service – in Good Hands with NIEHOFF



# BMV 124

## Design:

- separate, infinitely variable drive for the haul-off capstan
- temperature-controlled slide-way
- frequency-controlled maintenance-free AC drives
- sound enclosure with window, service doors, lighting and ventilation

## Increase in quality:

- bobbin carrier with tension control

## Energy and cost efficiency:

- slide-way lubrication system for minimized lubricant consumption
- NMI (NIEHOFF Machine Interface) color touchscreen for data entry, display of production parameters and maintenance instructions

## Options:

- ceramic anti-wear coating for the capstan
- separate take-up and pay-off units according to customer requirements AH/WH 1250 – 1600 – 2000

- tension control at the take-up and pay-off (for delicate braiding materials)
- optical empty bobbin detection
- separate central tape winder for additional taping after braiding
- 1,100 mm capstan

## Take-up units:

### WH 1250 – 1600 – 2000

- hold spools with a flange diameter of up to 2,000 mm
- hydraulic lifting and lowering of the drums
- braiding product is wound onto the take-up unit via a rolling ring traverse (infinitely variable pitch adjustment).
- optional: dancer controlled drive

## Pay-off units:

### AH 1250 – 1600 – 2000

- hold spools with a flange diameter of up to 2,000 mm
- hydraulic raising and lowering of the spools
- optional: dancer controlled drive

## Technical data

braiding material	mm <sup>2</sup>	
CU (soft)	mm <sup>2</sup>	0.18–1.10
Al	mm <sup>2</sup>	0.30–2.00
steel	mm <sup>2</sup>	0.12–0.75
stainless steel	mm <sup>2</sup>	0.07–0.40
working direction		vertical
braid binding (pattern)		2 over 2
number of bobbins		24
bobbin rpm		70/90*
braiding pitch	mm	6–180
central passage	mm	55
capstan Ø	mm	950/1,100
max. braiding bobbin dimensions	mm Ø	110 x 108/90
max. cable spool dimension (Flange-Ø)	mm	2,000
haul-off tension spool carrier (dependent on cross-section and material)	N	5,0–30
max. sound pressure level (according EN ISO 3743-2 und DIN 45635-1)	dBA	79
connected load	kVA	18
machine dimensions (W x D x H)	m	2.13 x 2.00 x 2.60
weight	kg	approx. 2,800

\* Cam ring with flatter geometry for bobbins with flange dia. 100 mm

We reserve the right to modify technical specifications according to technical improvement and advances. 03.2018