



BMH 16/BMH 32 Rotary Braiding Machine with 16/32 bobbins

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



BMH 16/BMH 32

Design:

- Soundproof enclosure with window, service doors, lighting and ventilation
- temperature-controlled slide-way
- frequency-controlled maintenance-free AC drives
- sound enclosure with window, service doors, lighting and ventilation
- separate switchboard cabinet
- separate standing caterpillar conveyor

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

Option:

- separate take-up and pay-off units according to customer requirements AH/WH 1000 – 1250 – 1600
- optical empty bobbin detection
- separate central tape winder for additional taping after braiding

Take-up units:

WH 1000 – 1250 – 1600

- hold spools with a flange diameter of up to 1,600 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 1000 – 1250 – 1600

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

Spiraliser:

WHW/WHT 125

- spiraliser speed 800 RPM
- traction force control via a traction force measuring axis 1 to 6 N
- fill level monitoring

• spools:

- WHW Wire (spool DIN 125 K36)
- WHT Tape (spool 76 mm inner-Ø)

• spool dimensions:

- outer-Ø 125 mm
- length 125 mm

Technical data		BMH 16	BMH 32
braiding material			
CU (soft)	mm ²	0.03–0,56	0.03–0,56
Al	mm ²	0.06–1.00	0.06–1.00
steel	mm ²	0.025–0.37	0.025–0.37
stainless steel	mm ²	0.012–0.20	0.012–0.20
working direction		horizontal	horizontal
braid binding (pattern)		2 over 2	2 over 2
number of bobbins		16	32
bobbin rpm		175	90
braiding pitch	mm	3–120	15–240
central passage	mm	50	55
max. braiding bobbin dimensions	mm Ø	80 x 100/80	80 x 100/80
max. cable spool dimension (Flange-Ø)	mm	1,600	1,600
haul-off tension spool carrier (dependent on cross-section and material)	N	1.0–10 3.0–15	1.0–10 3.0–15
max. sound pressure level (according EN ISO 3743-2 und DIN 45635-1)	dBA	79	79
connected load	kVA	10	18
machine dimensions (W x D x H)	m	1.2 x 1.3 x 2.4	1.75 x 125 x 2.50
weight	kg	approx. 1,500	approx. 2,800

We reserve the right to modify technical specifications according to technical improvement and advances. 04.2024