

HIGH SPEED BRAIDING MACHINES



Features:

High-speed networks need and demand high quality braided wire & cable. The FH series of high-speed braiding machine are designed to produce high-demand computer wires, net wires (ethernet cable NO.6 and NO.7), advanced audio frequency wires and heavy braided cable and tube materials. (depending on model)

All Braiders are PLC controlled. This provides high production rates and consistently high quality products. These machines are built for hard, continuous running.

Other machine highlights include

- low noise (less than 69db)
- low maintenance requirements
- low learning curve for operators
- extreme reliability
- the spindle stand is designed with an automatic lubrication system
- full safety cover
- the Spindle volume is large – it can be loaded to 1.5 kilogram
- operator does not need to change springs when changing to different spec braiding wires
- machines can braid other metal wires, such as Mg-AL, alloy wires, stainless steel

MODEL	FH-HGSB-16A	FH-HGSB-16B	FH-HGSB-16C	FH-HGSB-16D	FH-HGSB-24	FH-HGSB-32
Braiding Style	2 in 2	2 in 2	2 in 2	2 in 2	2 in 2	2 in 2
Braiding Direction	Vertical	Vertical	Vertical	Vertical	Vertical	Horizontal
Spindles	Total 16 8 over 8 under	Total 16 8 over 8 under	Total 16 8 over 8 under	Total 16 8 over 8 under	Total 24 12over 12 under	Total 32 16over 16 under
Spindle Size	$\phi 80 \times \phi 22 \times \phi 80$?inner width? $\phi 75 \times \phi 22 \times \phi 70$?inner width?	$\phi 80 \times \phi 22 \times \phi 80$?inner width? $\phi 75 \times \phi 22 \times \phi 70$?inner width?	$\phi 66 \text{mm} \times 82.8 \text{mm}$	$\phi 55 \text{mm} \times 39 \text{mm} \times 40$	$\phi 80 \times \phi 22 \times 80$?inner width? $\phi 75 \times \phi 22 \times 70$?inner width?	$\phi 110 \times \phi 35 \times \phi 80 \text{mm}$?inner width?
Spindle Speed RPM	0-150	0-150	0-150	0-120	30-100	8-32 turns/minute. None-brrl timing
Braiding distance	3.2-32mm or 6.4-65mm	3.2-32mm or 6.4-65mm	3.2-32.5mm or 6.4-65mm	3.2-32.5mm or 6.4-65mm	13.3mm– 34.5mm	*
Maximum braiding – external dia.	16mm	16mm	0-14mm	10mm	24mm	27-270mm
Production speed (m/hour)	650	580 m/h	580 m/h	120m/h	800m/h	500m/h
O.D. of wire plicle	$\leq 800 \text{mm}$	$\leq 800 \text{mm}$	$\leq 800 \text{mm}$	$\leq 500 \text{mm}$	$\leq 800 \text{mm}$	*
Power requirements (kwatt)	2.2	2.2	1.1	1.1	3.0	5.5
Diameter of woven silk(mm)	$\phi 0.05 - \phi 0.18$	$\phi 0.05 - \phi 0.20$	$\phi 0.10 - \phi 0.18$	$\phi 0.03 - \phi 0.05$	$\phi 0.10 - \phi 0.30$	*
Braiding Thread Dia.	*	*	*	*	*	0.15-0.35
Draw-in-out winding spec	*	*	*	*	*	800-1800mm
Machine size	1200mm L \times 1500mm W \times 2050mm H	1200mm L \times 1500mm W \times 2050mm H	1200mm L \times 1500mm W \times 2050mm H	980mm L \times 1500mm W \times 1950mm H	1500mm L \times 1800mm W \times 2350mm H	2700mm L \times 1450mm W \times 2100mm H

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