

... the best for brooms and brushes

# Drill & tuft automation | VMC352W-260



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VMC352W is an automatic drill and tuft machine for production of cylindrical brushes. In order to achieve automatic production, displacement of drilling and tufting unit between several stations, implements with servo axis. Mentioned movement can be optionally by means of pneumatic system instead of servo motor.

Thanks to flexible tufting system, cylindrical brush from  $\varnothing$  60mm up to  $\varnothing$  250mm can be produced and the max. radius of each brush can be 800mm.

In addition, several sweepers and disc brushes production is possible with special carriages on the machine.

More than 2.000 mm long cylindrical brushes and up to 600 mm disc brushes in diameter and 35° deviation from vertical axis can be produced in one continuous process.

The own developed EBSEER-Software for operation and programming of the machine is compatible with Microsoft®.



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## TECHNICAL DATA

- 2 pneumatic clamping system
- 1 stroke tool for filling tools 3,5-14,0mm
- 2 drilling machines
- Displacement of drill and filling units (automatic production)
- Drill-filling tool distance: 450 / 750 / 900 / 1050mm
- Filaments Length : 740mm → 360mm filling stroke
- Filament- Length 540mm → 260mm filling stroke
- Filament- Length 380mm → 160mm filling stroke
- 1 double material magazin for two colored filaments
- 1 filaments taper
- Adjustable material picker
- CNC-control with 5-Servomotors & 12" Touch-Screen
- Wire insertion with servomotor into filling tool
- Speed synchronization between main and drills motors
- Tufting speed : up to 200 bundle /min

ELECTRIC	PNEUMATIC	MEASUREMENT	WEIGHT
3x400V / 50-60Hz 2,5KW / 16A	max. 6 bar	3,20x2,50x6,85m (LxHxD)	4700kg

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## INNOVATIONS & ADVANTAGES

- **EASY-KLICK CLAMPING SYSTEM**  
provides a quick and easy pattern change and conversion without tool.
- **MATERIAL PICKER**  
with adjustable notch for thicker or thinner bundles.
- **REAL-TIME CONTROL BY ETHERCAT COMMUNICATION**  
provides offline-operation in Industry 4.0-Mode.
- **SERVOMOTORS WITH ONE CABLE TECHNOLOGY (OCT)**  
minimizes waitings and service costs.
- **ERGONOMIC STRUCTURE**  
for the best working condition.
- **24 MONTHS GUARANTEE**  
twice as long as the market.
- **100% QUALITY ASSURANCE CAUSE OF MADE IN GERMANY**  
Ebser produces the machines completely in Germany.
- **LIFELONG HOTLINE-SERVICE FREE OF CHARGE**  
direct, personal contact to the operator or experts.



Easy-Klick System



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