

... the best for brushes and brooms

# Drill & tuft automation | VMC342



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VMC342 is a drilling and tufting machine für small to middle production quantities. Pneumatic or optionally servo axis controlled displacement system of drilling and filling unit between clamping, provides the possibility of continuous operation during the production.

Existing of new designed flexible clamping, called „Easy-Click clamp system“, makes the clamping stations changeover as quick as possible without tool!, so, switching between several models can quickly happen and be adjusted.

Cause of special EBSEER-designed structure, various carriges for special brushes can be installed in the machine.

During one operation process, brushes up to 600 mm long, and in two tufting processes brushes up to 1.000 mm can be tufted by the machine.

The Maximum angular deviation of bundles in length and width can be 45°.

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



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## TECHNICAL DATA

- 2 pneumatic Easy-Klick optional clamping system
- 1 stroking unit for filling tools size: 2,0-7,5mm
- 2 drilling machines
- Automatic movement of drilling and filling unit
- Distance between drill and filling tool: 300mm
- Filament Length 24-240mm → 90mm filling tool stroke
- Filament length 24-180mm → 65mm filling tool stroke
- 1 double material magazine for two colored operations
- 1 adjustable filaments presser in the magazine
- 1 material taper
- Filaments picker with adjustable notch diameter
- CNC-control with 4-Servo axis & 12" Touch-Screen
- Wire feeding and length adjustment with servomotor.
- Automatic synchronization between main and drill motors speed
- Nominal tuft speed up to 350 Bundle /min

ELECTRIC	PNEUMATIC	MEASUREMENT	WEIGHT
3x400V / 50-60Hz 2,0KW / 16A	6 bar	2,30x2,00x1,30m (LxHxD)	2300kg

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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 gap for optimal bundle thickness
- **REAL-TIME CONTROL BY ETHERCAT COMMUNICATION**  
enables the 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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