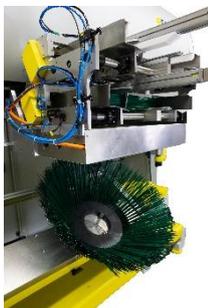


... the best for brushes and brooms

# Drill & Tuft automation | VMC342-360



... the best for brushes and brooms

# Drill & Tuft automation | VMC342-360

VMC342-360 is a drill and tufting machine for production of long filamented discs brushes. The filling tool stroke in this machines is 360mm and the brushes can be produced automatically without need to manual change between drill and tuft station. Special design which makes the distance between drilling and filling station 1050mm, disc brushes with up to 900mm diameter can be produced with this machine

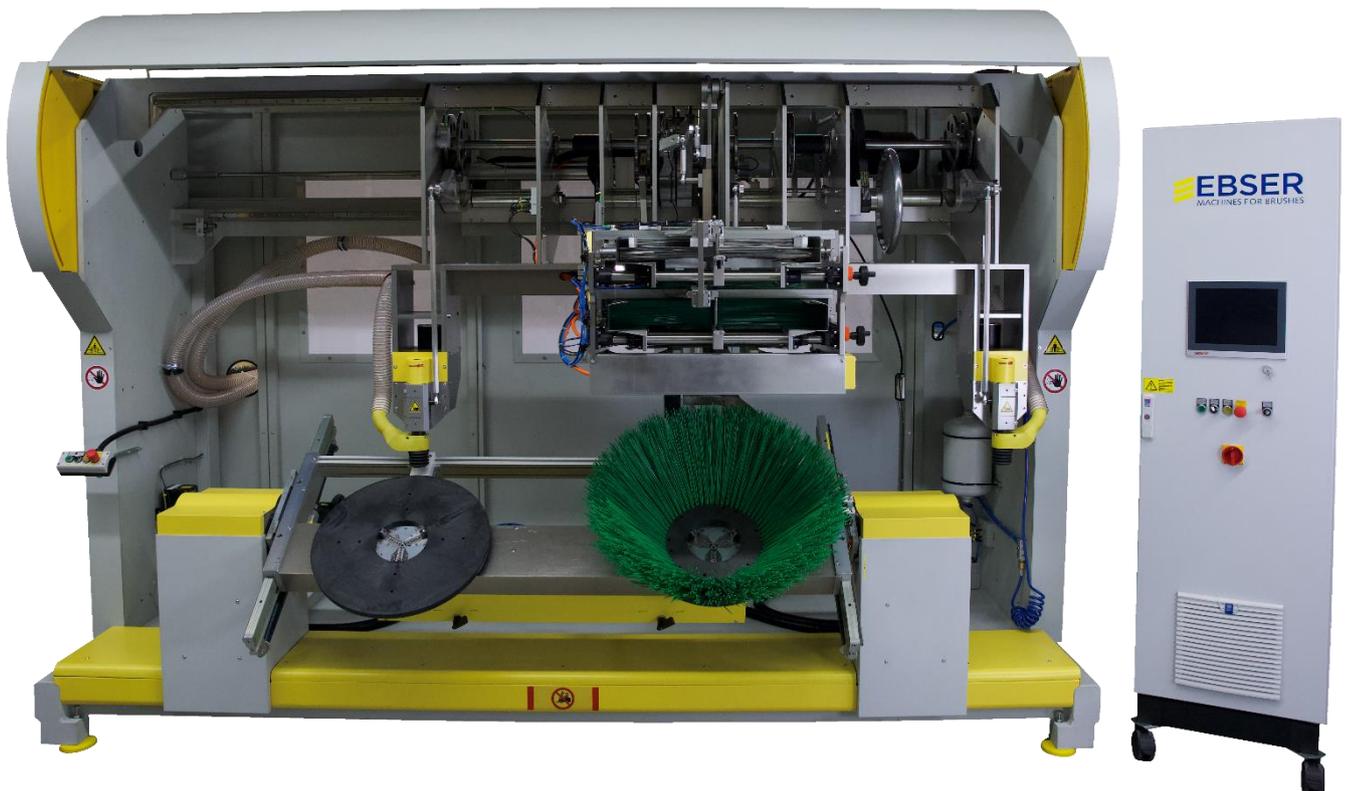
Existing of 4th axis, provides angular deviation of bundles around the brush from 0° up to 45°.

Simple assembling of differnt carriages, results the easy production to several round shaped brushes, such as cylindrical, street sweepers or strip bruhses.

Disc / cylindrical brushes production with bundle length up to 1000mm and angular deviation up to 45° is possible with this machine

The user friendly claming s←system provides a very effective operation with machine.

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



# Drill & Tuft automation | VMC342-360

## TECHNICAL DATA

- 2 pneumatic Easy-Klick optional clamping system
- 1 stroking unit for filling tools sizes 3,5-14,0mm
- 2 Drilling units
- Automatic movement of drilling and filling unit
- Distance between drill and filling tool: 450 / 750 / 900 / 1050mm
- Filament Length 740mm → 360mm filling tool stroke
- Filament Length 540mm → 260mm filling tool stroke
- Filament Length 380mm → 160mm filling tool stroke
- 1 double material magazine for two colored operations
- 1 adjustable filaments presser in the magazine
- Filaments picker with adjustable notch diameter
- CNC-control with 5-Servo axis & 12" Touch-Screen
- Wire feeding and length adjustment with servomotor.
- Automatic synchronization between main and drill motors speed
- Nominal speed up to 200 Bundle /min

| ELECTRIC                        | PNEUMATIC  | MEASUREMENT                | WEIGHT |
|---------------------------------|------------|----------------------------|--------|
| 3x400V / 50-60Hz<br>2,5KW / 16A | max. 6 bar | 3,80x2,50x2,70m<br>(LxHxD) | 4700kg |

# Drill & Tuft automation | VMC342-360

## 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 ASSOURANCE CAUSE OF MADE IN GERMANY**  
Ebser produces the machines completely in Germany.
- **LIFELONG HOTLINE-SERVICE FREE OF CHARGE**  
direct, personal contact to the oprator or experts.



Easy-Klick System



11/2022

**Ebser Maschinenbau GmbH**

Schönauer Str. 34  
D-79674 Todtnau / Germany

Fon: +49 (0)7671 / 99 23 08-0  
E-Mail: info@ebser.de