



SMARTEVO

**E-Borghini**  
SOLUTIONS FOR THE BRUSH INDUSTRY



SMART EVO IS AN AUTOMATIC CONTINUOUS CYCLE DRILLING AND FILLING MACHINE COMPLETE WITH 2 FILLING-TOOLS AND 3 DRILLS FOR THE PRODUCTION OF BRUSHES AND BROOMS.

This machine can produce many different types of brushes and brooms that have different filling angles, by changing specific equipment, such as:

- radial tufted brushes (*basic vers.*)
- radial, parallel and radial/parallel tufted brushes (*plus vers.*)
- bowl brushes (*plus vers.*)



SMART EVO È UNA MACCHINA PUNZONATRICE A CICLO DI LAVORO CONTINUO EQUIPAGGIATA CON 2 PUNZONI E 3 TRAPANI PER LA PRODUZIONE DI SCOPE E SPAZZOLE.

Con il cambio di attrezzature specifiche, la macchina è in grado di produrre diversi tipi di spazzole con diversi angoli di punzonatura:

- spazzole con ciuffi radiali (*vers. basic*)
- spazzole con ciuffi paralleli, radiali o combinazione parallelo/radiale (*vers. plus*)
- spazzole sferiche (*vers. plus*)



SMART EVO UNA MAQUINA INSERTADORA A CICLO DE TRABAJO CONTINUO EQUIPADA CON 2 INSERTADORES Y 3 TALADROS PARA LA PRODUCCIÓN DE CEPILLOS Y ESCOBAS.

Con los cambios de los aparejos necesarios, la maquina està en condiciones de producir varios tipos de cepillos, con varios ángulos de insertado como:

- cepillos radial, o paralelo-radial conjunto. (*vers. basic*)
- cepillos, paralelo, radial, o paralelo-radial conjunto (*vers. plus*)
- cepillos esféricos (*vers. plus*)

# SMART EVO



***Made in Italy***

FR

SMART EVO EST UNE MACHINE AUTOMATIQUE À MONTER À CYCLE CONTINU POURVU DE 2 INSEREURS ET 3 PERCEUSES POUR LA PRODUCTION DE BROSSES ET BALAIS.

La machine peut produire plusieurs types de brosses avec de différents inclinaisons des touffes, en changeant simplement les chariots spécifiques pour chaque article :

- brosses à touffes radiales. (*vers. basic*)
- à touffes verticales, radiales ou parallèles-radiales (*vers. plus*)
- brosses sphériques (*vers. plus*)

DE

SMART EVO IST EINE DURCHLAUFENDE BOHR- UND STOPF-MASCHINE BESTEHEND AUS 2 WERKZEUGE UND 3 BOHRER FÜR DIE HERSTELLUNG VON BESEN UND BÜRSTEN.

Durch das Verwenden spezieller Ausrüstungen kann die Maschine verschiedene Arten von Bürsten mit unterschiedlichen Stopfwinkeln herstellen:

- bürsten mit radialen Bündel (*vers. basic*)
- bürsten mit parallelen, radialen oder parallel-radialen Bündel (*vers. plus*)
- runde Bürsten (*vers. plus*)

# TECHNICAL DATA

## PERFORMANCES:

**Stroke 85 mm (basic and plus)**

maximum fibre length up to 300 mm. Speed 720 tufts/min

## TECHNICAL DATA:

Carriage: *basic version*

3 axes of movement run by stepping motors

*plus version*

5 axes of movement run by stepping motors

Power Installed: 16 Kw

Compressed Air: 7 bar

## CONTROL UNIT:

- High performance PLC and Diagnostic system
- Industrial Personal Computer for the M.M.I
- 15" TFT colour Touch Screen display
- Windows XP
- "Teach-in" self-learning function

## BRUSH MODELS:



## DIMENSIONS

### Space

2380x2750x2690 mm (approx. 94"x109"x106")

### Weight

3.300 kg (approx. 7,300 Lbs)



The machine meets all requirements in regard to Laws for Safety and Health imposed by the European Community and certified with the "CE" mark

