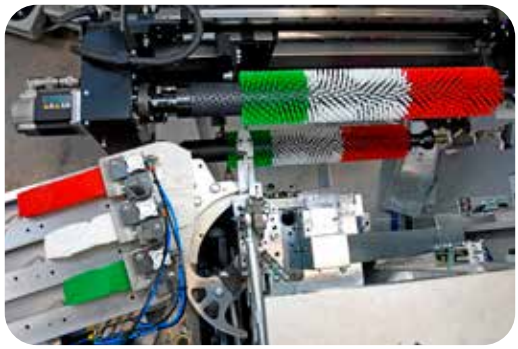
GALAXY

FULLY AUTOMATIC TUFTING MACHINE WITH 2 FILLING TOOLS, 2 DRILLS AND 2 TRIMMING UNITS FOR THE PRODUCTION OF CYLINDER BRUSHES.

GALAXY is meant for high volume production of industrial cylinder brushes with minumum supervision by the operator. GALAXY is a 3-station carrousel machine with automatic feeding of the blocks and automatic transfer of the brushes to the trimming unit. The block loading is operated by a robot that loads the blocks from the feeder and places them into the first station of the machine, while the machine is drilling and filling in the other two positions. When the working cycle is completed, the filled cylinder brushes return to the first station where the robot transfers them to the trimming units for finishing. The finished brushes are ejected by conveyor belt.

Technical Data

Axes:	4 or 5
Filling tools:	2
Drills:	2
Stroke (mm):	85
Speed (tufts/min):	480
Max fiber length (mm):	300
Min fiber length (mm):	40
Max filling tool (mm):	7.5
Power consumption (kW):	6.2
Air consumption (nL/min):	170
Weight (kg):	10275
Dimensions (mm):	L - 5000
	W - 6000
	H - 2000

Cylinder brushes

Maximum length (mm)	650
Minimum core diameter (mm)	20
Maximum core diameter (mm)	100
Maximum brush O.D. (mm)	300
Maximum angle (degrees°)	25°