

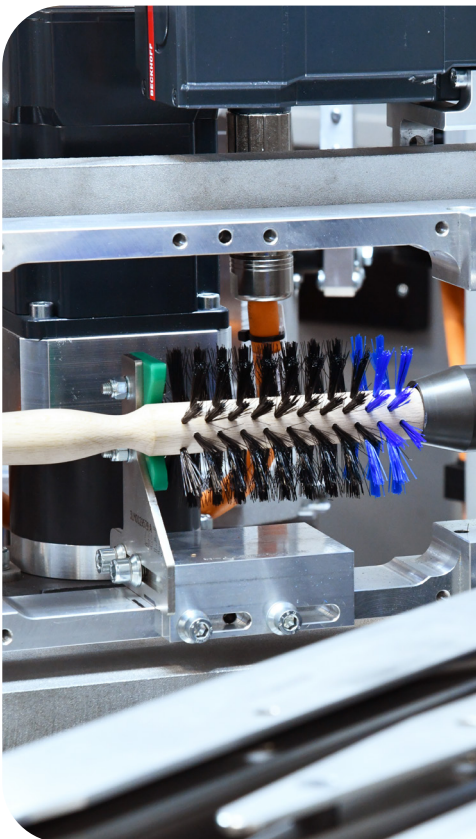


# STAR R31

**STAR R31 IS A 3-STATION CARROUSEL TUFTING MACHINE WITH 3 STATIONS AND 3 CARRIAGES FOR THE PRODUCTION OF SMALL BRUSHES AND HAIR BRUSHES.**

STAR R31 can produce models with different filling angles, such as radial or parallel, featuring the possibility to tuft both sides of the block. The working cycle is simultaneously performed on 3 stations: drilling, filling, loading and off-loading. Each station works one brush per cycle that is moved by a turret system.

Universal electronic wire feed system for both staple-wire and anchor-wire is managed by an electronic brushless servomotor. STAR R31 can be equipped with an automatic loading/unloading system the product and, instead of the drill, a trimming unit for finishing pre-drilled brushes.



## TECHNICAL DATA

Axes	5
Filling tools	1
Drills	1
Stroke (mm)	36
Speed (tufts/min)	900
Maximum fiber length (mm)	160
Minimum fiber length (mm)	30
Maximum filling tool (mm)	4.5
Minimum filling tool (mm)	2.0
Power consumption (kW)	27
Air consumption (nL/min)	50
Weight (kg)	2800
Dimensions (mm)	L - 3100 W - 2500 H - 2700