

SOFT TOUCH 3D FUNCTION LINE

Floating aggregate for defined edge machining of contoured parts on 5-axis machines or robot systems



Typical applications:

- Musical instruments: edge processing on a guitar body
- Furniture: Edge processing of curved shapes
Milling glued edges flush with the panel on 5-axis machines
- Industrial robot cells: End-of-arm solution for edge processing of GFRP/CFRP parts using the press method
- ...

Technical Specifications

Max. input speed:	12,000 rpm
Max. output speed:	12,000 rpm
Gear ratio:	1 : 1
Max. torque:	10 Nm
Permissible operating temperature:	max. 85°C
Machining angle:	0°
Number of tool outputs:	1 / fixed
Lubrication:	Grease / Lifetime lubrication
Floating capacity:	axial: 7.5 mm / radial 5 mm
Adjustment range:	5 mm
Setting precision:	0.01 mm
Probing direction:	axial and radial



Copying function for compensating form and position tolerances in radial and axial alignment on molded parts, e.g. chamfers, radii or for deburring



Tool connections:

- ER 16 internal
- Other connections on request



Machine connection:

ATEMAG aggregates are used on all CNC machines and robot systems. The machine connection is precisely matched to the technical requirements of the CNC machine or robot.

