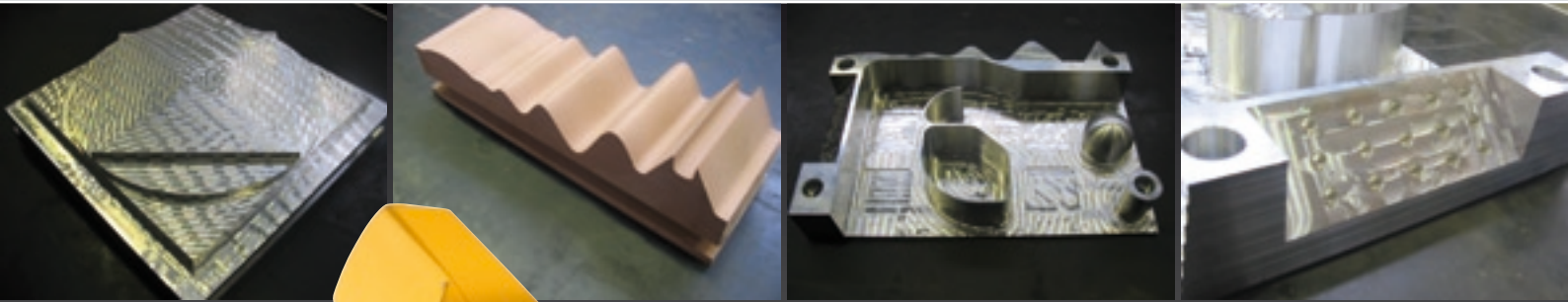


Robotics and Machining



New

RX170HSM (High Speed Machining) Robot with a high speed spindle integrated in the forearm



RX170HSM robot characteristics

Wrist with specific casting

Designed for integration of the high speed spindle into the forearm for improved rigidity and precision as well as reduced slanting.

All cables run inside the arm

To control the high speed spindle including electrical supply, cooling and micro-lubrication.

Reach : 1 835 mm.

Enclosed structure

Pressurizable arm

Possibility to quickly replace the high spindle head

High speed spindle management interface integrated in robot controller

Possibility to upload CAD files

Installation

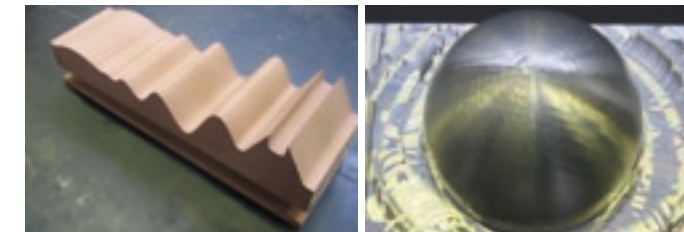
- In a dedicated cell with a table with parts fixturing
- In a machining center
- On a machining line



A selection of 3 high speed spindles can be chosen



TYPE	PRECISE SD5084	FISCHER MFM1224/42	FISCHER MFM1224
Rotation speed (rpm)	500 to 20 000	2 000 to 42 000	2 000 to 24 000
Power (KW) - Torque (N.m)	8	17	17
Diameter (mm)	80	120	120
Attachment	HSK E 32	HSK A/C 40	HSK A/C 40
Cooling	Air Water	Air Water	Air Water
Lubrication	Grease	Air/Oil	Grease



For finishing, die trimming, modeling, drilling, tapping, deburring, contouring, weld bead machining, ...

Main markets

- Aerospace/ aeronautics
- Automotive
- Glass
- Stone
- Wood
- Nuclear
- Prototyping...

Machined materials

Aluminum, Stainless steel, Composites, Resins, Wood, Glass, Brass...



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International: priority to proximity

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