

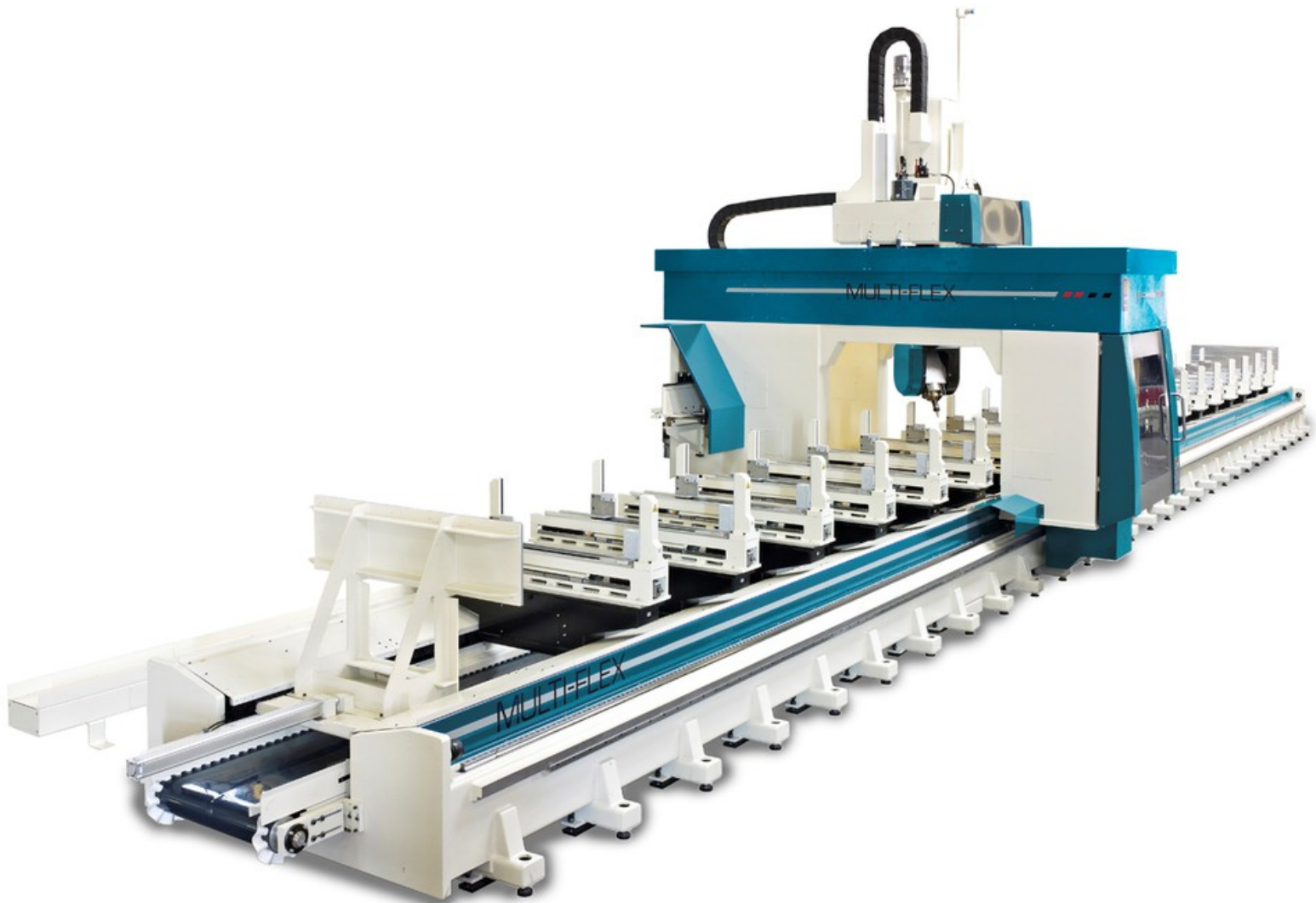


5-Axis Profile Machining centers

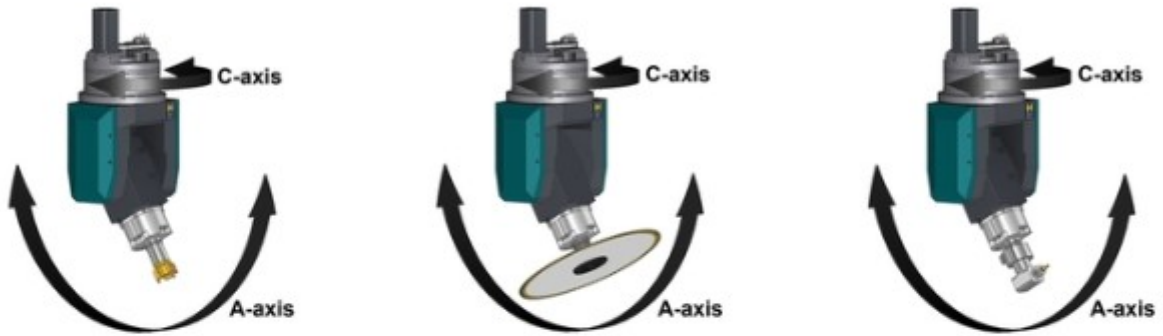
When multi-tasking
*must be a
simple job!*



MULTI-FLEX



5-Axis water cooled spindle (18 KW)



Spindle power	18 KW (S6)	24.5 Hp
CNC rotation of the spindle (A-axis)	50 °/sec	50 °/sec
CNC rotation of the fork (C-axis)	50 °/sec	50 °/sec
Maximum speed	24.000 rpm	24.000 rpm
Tool holder type	HSK-F63	HSK-F63

5-Axis water cooled spindle (25 KW or 39,5 KW)



Spindle power	25 KW (S6) / 39.5 KW (S6)	34 Hp / 53.67 Hp
Maximum speed	22.000 rpm / 24.000 rpm	22.000 rpm / 24.000 rpm
Tool holder type	HSK-A63	HSK-A63
CNC rotation of the spindle (A-axis)	300 °/sec	300 °/sec
CNC rotation of the fork (C-axis)	300 °/sec	300 °/sec

CNC linear tool magazine



Number of places	36	36
Maximum tool length	220 mm	8.66 "
Maximum tool diameter	700 mm	27.56 "
Adaption angular tools	standard	standard

Multi-Flex 6.250 mm up to 30.250 mm

The Multi-Flex is an ideal machine for finishing heavy aluminium & steel profiles nested over a full bar length. Due to the large profile section we are also able to finish frames used for mass transportation. The Multi-Flex is a Gantry machine with a 5-axis milling motor of 18 KW, 25 KW or 39,5 KW with a tool turret of 36 places.

At this large profile section, width 1.300 mm x height 650 mm, we are able to measure, drill, tap, mill and saw. The result of the measure probe will be automatically compensated in the NC-Program. Clamps (8 up to 16) are placed with the column of the machine or they are motorized by themselves.

Specifications 5-Axis Gantry

Work Piece Length	6.250 up to 30.250 mm	246.1 " up to 1,190.9 "
Work Piece Width	1.300 mm	51.18 "
Work Piece Height	650 mm	25.59 "
Rapid X	60 m/min	39.4 "/s
Rapid Y	60 m/min	39.4 "/s
Rapid Z	60 m/min	39.4 "/s

Working area and safety precautions

All models are standard delivered with safety fences on the left, right and back side of the machine. The front side is protected with a CE certified led safety curtain to protect the working area. As an option all our models can be equipped as 2 working zones with CE safety scanner. The great advantage of scanners is that there are no barriers in the middle of the machine, which makes loading and unloading a lot easier when switching from 2 zones to 1 large working area.

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