

*Handtmann: The cutting experts
5-axis HPC machining centres*



Handtmann - Ideas for the future.

handtmann
Ideas for the future.

OUTSTANDING POWER AND PRECISION.

HPC 5-axis-machining centres from Handtmann.

High Performance machining for all requirements. From composite to titanium.

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Ideas for the future.

Product line PBZ® . Profile machining



PBZ® LC . Pendulum operation

Work piece length:	max. 28,000 mm
Cross section (WxH):	max. 300 x 300 mm
Travel speed X/Y/Z:	max. 80/60/30 m/min
Spindle data:	max. 16 kW, 24,000 rpm



PBZ® SC . Heavy profiles

Work piece length:	max. 24,000 mm
Cross section (WxH):	max. 800 x 500 mm
Travel speed X/Y/Z:	max. 70/55/55 m/min
Spindle data:	max. 75 kW, 30,000 rpm



PBZ® NT . 6-side machining

Work piece length:	max. 25,000 mm
Cross section (WxH):	max. 750 x 300 mm
Travel speed X/Y/Z:	max. 135/55/55 m/min
Spindle data:	max. 37 kW, 28,000 rpm



PBZ® HD . High material removal rates

Work piece length:	max. 30,000 mm
Cross section (WxH):	max. 800 x 575 mm
Travel speed X/Y/Z:	max. 700/40/40 m/min
Spindle data:	max. 110 kW, 30,000 rpm

Product line UBZ® . Fixed portal . Moving table



UBZ® HP . Multipurpose

Table size LxW:	max. 12,000 x 2,000 mm
Travel speed X/Y/Z:	max. 60/60/60 m/min
Spindle data:	20 up to max. 180 kW, max. 30,000 rpm 33 Nm up to max. 1,010 Nm



UBZ® Titanium . Heavy duty machining

Table size LxW:	max. 12,000 x 2,000 mm
Travel speed X/Y/Z:	max. 20/20/20 m/min
Spindle data:	33 up to max. 80 kW, max. 15,000 rpm 332 up to max. 3,400 Nm

Product line HBZ® . Horizontal machining



HBZ® CompactCell . Allrounder

Palette size LxW:	max. 4,000 x 1,000 mm
Travel path X/Y/Z:	max. 4,650/1,100/550 mm
Travel speed X/Y/Z:	max. 60/40/60 m/min
Spindle data:	max. 75 kW, 30,000 rpm



HBZ® AeroCell® . Outstanding power

Palette size LxW:	max. 7,000 x 2,000 mm
Travel path X/Y/Z:	max. 7,800/2,000/700 mm
Travel speed X/Y/Z:	max. 80/80/80 m/min
Spindle data:	max. 180 kW, 30,000 rpm

Product line GANTRY® . Fixed table . Moving portal



GANTRY® RS . Compact design

Table size LxW:	max. 3,000 x 3,000 mm
Travel speed X/Y/Z:	max. 70/70/55 m/min
Spindle data:	14 up to max. 75 kW, max. 30,000 rpm 28 Nm up to max. 143 Nm



GANTRY® VS . Agility and dynamics

Table size LxW:	max. 47,000 x 6,000 mm
Travel speed X/Y/Z:	max. 70/70/55 m/min
Spindle data:	14 up to max. 180 kW, max. 30,000 rpm 28 Nm up to max. 143 Nm



GANTRY® CS . Long and heavy work pieces

Table size LxW:	max. 47,000 x 7,000 mm
Travel speed X/Y/Z:	max. 50/50/30 m/min
Spindle data:	20 up to max. 180 kW, max. 30,000 rpm 33 Nm up to max. 1,010 Nm



GANTRY® TS . Double productivity

Table size LxW:	max. 47,000 x 7,000 mm
Travel speed X/Y/Z:	max. 50/50/30 m/min
Spindle data:	20 up to max. 180 kW, max. 30,000 rpm 33 Nm up to max. 1,010 Nm

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