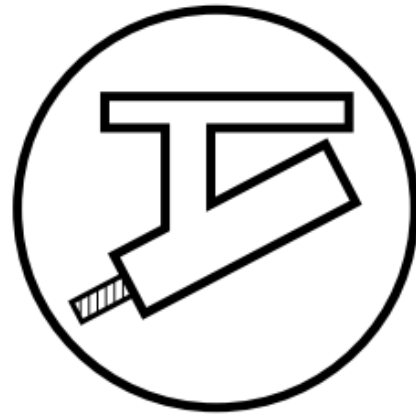


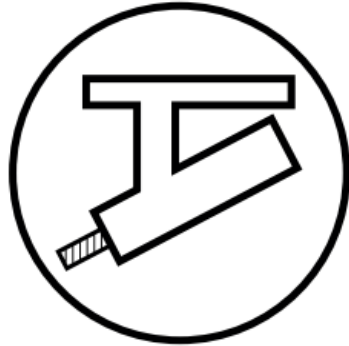


LHM

COMPANY INFORMATION



LHM Technology
CNC Machine services



LHM



LHM mtools
CNC machine tools

JHV

- ✓ We are a CZECH manufacturer of CNC machine tools designed for machining plastics, composites, honeycombs, sandwich materials and aluminium alloys.
- ✓ Our company's priority is to provide a comprehensive GUARANTEE AND POST-GUARANTEE SERVICE of our LHM machines. We also provide servicing of third-party machines made by various manufacturers.
- ✓ The goal of our company is to innovate in the field of CNC machines continuously. Therefore, we offer various applications that help our customers improve the efficiency and quality of the production process.



STROKES:

- AXIS X = 3000 – 40 000 mm
- AXIS Y = 1600 – 3000 mm
- AXIS Z = 800 – 1500 mm
- AXIS A = ± 120
- AXIS C = ± 245 / ± 360

SPINDLES POWER:

- 10/12 kW (S1/S6)
- 15/18 kW (S1/S6)
- 22/25 kW (S1/S6)
- 0-20 000 rpm / 0-24 000 rpm
- HSK F63 / A63

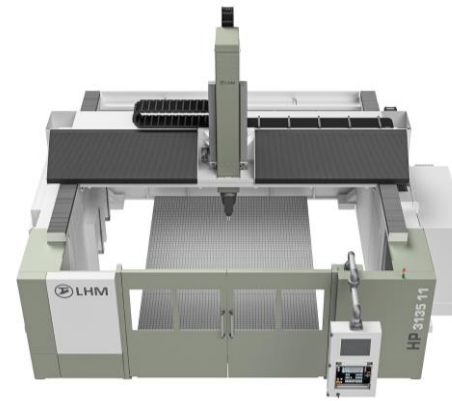
LHM GL

- ✓ 5-axis machining centre in lower gantry design
- ✓ Machine primarily designed for machining large parts made of composite, plastic, aluminium and sandwich materials
- ✓ Choice of 3 types of machining heads with spindle output from 12kW to 25kW (S6)
- ✓ Control system: HEIDENHAIN, SINUMERIK
- ✓ 2-zone machining configuration available



LHM GL

- ✓ 5-axis machining centre in lower gantry design
- ✓ Machine primarily designed for machining large parts made of composite, plastic, aluminium and sandwich materials
- ✓ Choice of 3 types of machining heads with spindle output from 12kW to 25kW (S6)
- ✓ Control system: HEIDENHAIN, SINUMERIK
- ✓ 2-zone machining configuration available

**STROKES:**

- AXIS X = 3000 – 30 000 mm
- AXIS Y = 2000 – 4500 mm
- AXIS Z = 1000 – 2000 mm
- AXIS A = ± 120
- AXIS C = ± 245 / ± 360

SPINDLES POWER:

- 10/12 kW (S1/S6)
- 15/18 kW (S1/S6)
- 22/25 kW (S1/S6)
- 0-20 000 rpm / 0-24 000 rpm
- HSK F63 / A63

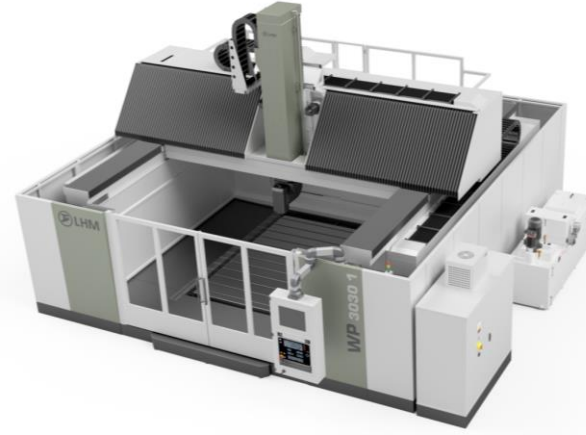
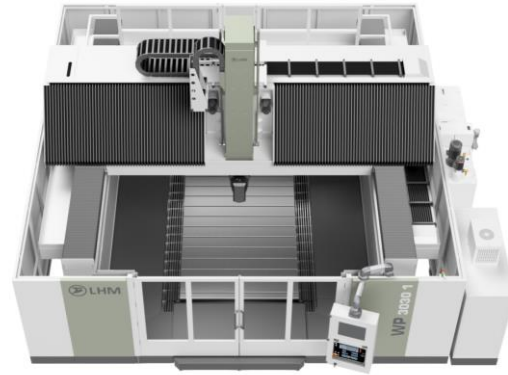
LHM HP

- ✓ 5-axis machining centre in top gantry design
- ✓ Machine primarily designed for trimming and shaping of larger parts made of composite, plastic, honeycomb, foam and sandwich materials
- ✓ Choice of 3 types of machining heads with spindle output from 12kW to 25kW (S6)
- ✓ Control system: HEIDENHAIN, SINUMERIK
- ✓ Configurable with interchangeable tables



LHM HP

- ✓ 5-axis machining centre in top gantry design
- ✓ Machine primarily designed for trimming and shaping of larger parts made of composite, plastic, honeycomb, foam and sandwich materials
- ✓ Choice of 3 types of machining heads with spindle output from 12kW to 25kW (S6)
- ✓ Control system: HEIDENHAIN, SINUMERIK
- ✓ Configurable with interchangeable tables

**STROKES:**

- OSA X = 3000 – 30 000 mm
- OSA Y = 2000 – 4000 mm
- OSA Z = 1000 – 2000 mm
- OSA A = ± 100
- OSA C = ± 262

SPINDLES POWER:

- 22/25 kW (S1/S6)
- 42/52 kW (S1/S6)
- 0-18 000 rpm
- HSK A63

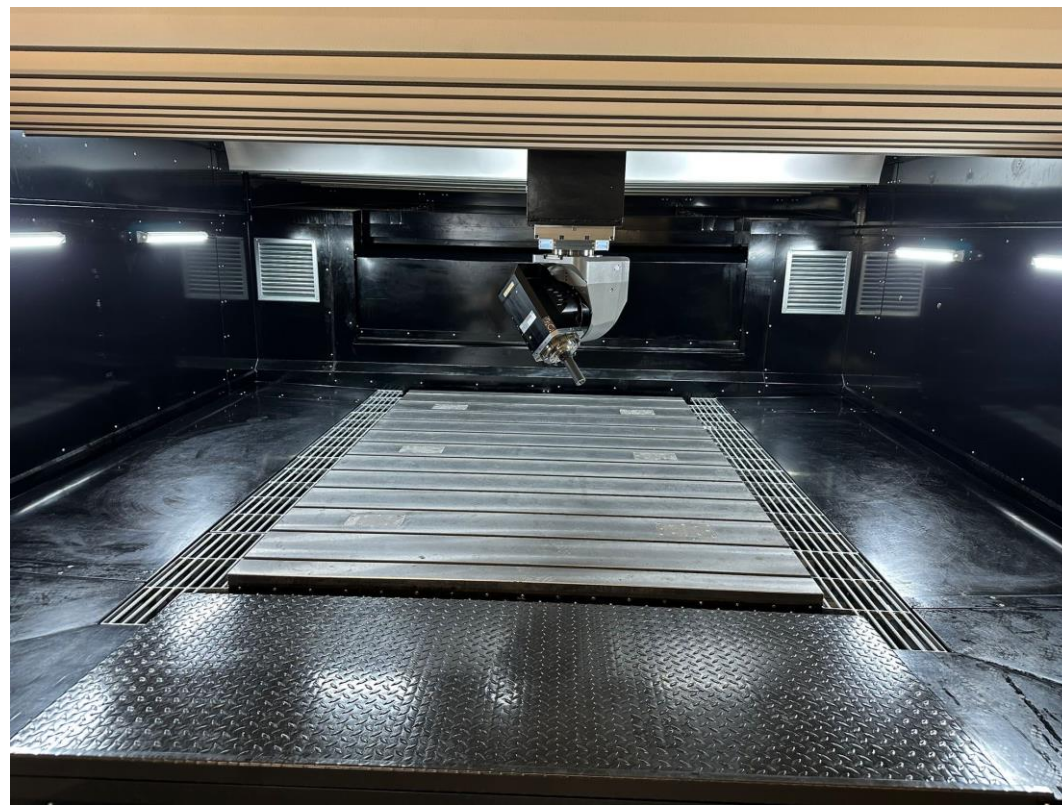
LHM WP

- ✓ 5-axis machining centre in top gantry design
- ✓ Machine primarily designed for Aluminium machining
- ✓ Choice of 3 types of machining heads with spindle output from 25kW to 42kW
- ✓ Control system: HEIDENHAIN, SINUMERIK
- ✓ Possible configuration with the liquid cooling



LHM WP

- ✓ 5-axis machining centre in top gantry design
- ✓ Machine primarily designed for Aluminium machining
- ✓ Choice of 3 types of machining heads with spindle output from 25kW to 42kW
- ✓ Control system: HEIDENHAIN, SINUMERIK
- ✓ Possible configuration with the liquid cooling



Milling head HS 778 + ES510

- Performance 42/52 kW (S1/S6)
- Torque 67/88 Nm (S1/S6)
- 0-18 000 rpm
- HSK A63
- Hydraulic tool clamping
- Hydraulic brakes A and C
- Water cooling with performance 20 bar 35 l/min

Loading tests:

- Tool D16 (3 edges)
- Feedrate 2500 mm/min
- 12 500 rpm
- Cutting deep 15 mm

Loading tests:

- Tool D50 (5 edges PDK)
- Feedrate 10 000 mm/min
- 12 500 rpm
- Cutting deep 2,5 mm



POJEZDY STROJE:

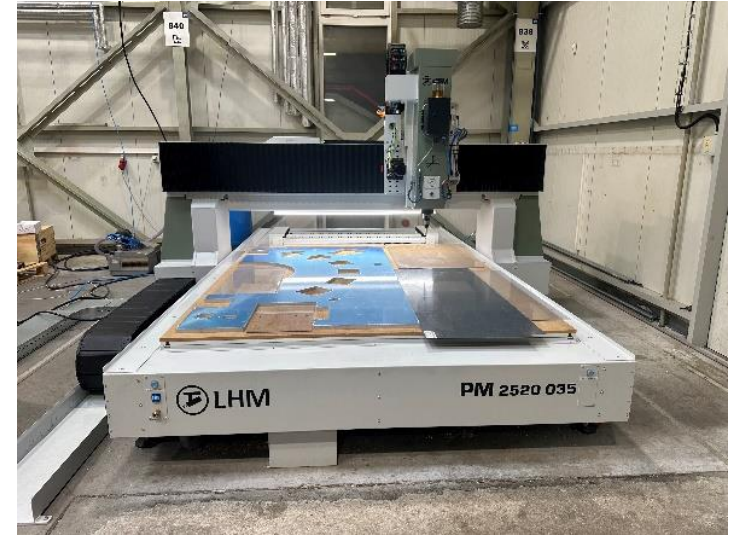
- AXIS X = 2500 – 20 000 mm
- AXIS Y = 1600 – 2500 mm
- AXIS Z = 350 – 800 mm

VÝKON VŘETENA:

- 8,5/10,5 kW (S1/S6)
- 10/12 kW (S1/S6)
- 15/18 kW (S1/S6)
- 0-20 000 rpm / 0-24 000 rpm
- HSK F63 / A63 / ISO 30

LHM PM

- ✓ 3-axis CNC plotter
- ✓ A machine primarily designed for machining large boards made of aluminium, composites, plastics and wood.
- ✓ Choice of 3 types of spindles with output from 10.5kW to 18kW (S6)
- ✓ Control system: HEIDENHAIN



LHM PM

- ✓ 3-axis CNC plotter
- ✓ A machine primarily designed for machining large boards made of aluminium, composites, plastics and wood.
- ✓ Choice of 3 types of spindles with output from 10.5kW to 18kW (S6)
- ✓ Control system: HEIDENHAIN



STROKES:

- AXIS X = 3000 – 6000 mm
- AXIS Y = 1600 – 2500 mm
- AXIS Z = 1200 – 1500 mm
- AXIS A = ± 120
- AXIS C = $\pm 245 / \pm 360$

SPINDLES POWER:

- 10/12 kW (S1/S6)
- 11/13 kW (S1/S6)
- 15/18 kW (S1/S6)
- 0-24 000 rpm
- HSK F63 / A63

LHM RG

- ✓ 5-axis machining centre in rotary top gantry design
- ✓ Machine primarily designed for trimming and shaping of smaller parts made of composite, plastic, honeycomb, foam and sandwich materials
- ✓ Choice of 3 types of machining heads with spindle output from 12kW to 18kW (S6)
- ✓ Control system: HEIDENHAIN, SINUMERIK
- ✓ 2-zone machining configuration available