

Ready **2** deliver  
Ready **4** productivity

**H + HF**  
**AVAILABLE**  
AT SHORT NOTICE

## Productivity in 4 or 5 axes You have the choice

### Available models H-serie / 4-axis machining centres



#### H 2000 | M 59148

Positioning range X/Y/Z	630/630/630 mm
Rapid traverse speed X/Y/Z	80/80/90 m/min
Tool shank	HSK-A 63
Spindle	SC: 18,000 1/min / 45 kW / 103 Nm
Clamping surface (nominal size)	400 x 500 mm
Clamping load	800 kg
Hydraulic workpiece clamping	80 bar
Tool magazine	Chain-type magazine, 80 places
Machine control	Siemens SINUMERIK 840D sl

Available from: July 2023

#### H 2000 | M 59149

Positioning range X/Y/Z	630/630/630 mm
Rapid traverse speed X/Y/Z	80/80/90 m/min
Tool shank	HSK-A 63
Spindle	SC: 18,000 1/min / 45 kW / 103 Nm
Clamping surface (nominal size)	400 x 500 mm
Clamping load	800 kg
Hydraulic workpiece clamping	80 bar
Tool magazine	Chain-type magazine, 80 places
Machine control	Siemens SINUMERIK 840D sl

Available from: July 2023

**H 2000 | M 59451**

Positioning range X/Y/Z	630/630/630 mm
Rapid traverse speed X/Y/Z	80/80/90 m/min
Tool shank	HSK-A 63
Spindle	SC: 18,000 1/min / 45 kW / 103 Nm
Clamping surface (nominal size)	400 x 500 mm
Clamping load	800 kg
Hydraulic workpiece clamping	80 bar
Tool magazine	Chain-type magazine, 80 places
Machine control	Siemens SINUMERIK 840D sl

**Available from: June 2023**

**H 2000 | M 59452**

Positioning range X/Y/Z	630/630/630 mm
Rapid traverse speed X/Y/Z	65/65/65 m/min
Tool shank	HSK-A 63
Spindle	PC: 12,000 1/min / 45 kW / 228 Nm
Clamping surface (nominal size)	400 x 500 mm
Clamping load	800 kg
Hydraulic workpiece clamping	80 bar
Tool magazine	Chain-type magazine, 80 places
Machine control	Siemens SINUMERIK 840D sl

**Available from: June 2023**

**H 2000 | M 59453**

Positioning range X/Y/Z	630/630/630 mm
Rapid traverse speed X/Y/Z	80/80/90 m/min
Tool shank	HSK-A 63
Spindle	SC: 18,000 1/min / 45 kW / 103 Nm
Clamping surface (nominal size)	400 x 500 mm
Clamping load	800 kg
Hydraulic workpiece clamping	200 bar
Tool magazine	Chain-type magazine, 80 places
Machine control	Siemens SINUMERIK 840D sl

**Available from: July 2023**

**H 2000 | M 59455**

Positioning range X/Y/Z	630/630/630 mm
Rapid traverse speed X/Y/Z	80/80/90 m/min
Tool shank	HSK-A 63
Spindle	SC: 18,000 1/min / 45 kW / 103 Nm
Clamping surface (nominal size)	400 x 500 mm
Clamping load	800 kg
Hydraulic workpiece clamping	80 bar
Tool magazine	Chain-type magazine, 160 places
Machine control	Siemens SINUMERIK 840D sl

**Available from: August 2023**

**H 4000 | M 59456**

Positioning range X/Y/Z	800/800/800 mm
Rapid traverse speed X/Y/Z	80/80/90 m/min
Tool shank	HSK-A 63
Spindle	SC: 18,000 1/min / 45 kW / 103 Nm
Clamping surface (nominal size)	500 x 630 mm
Clamping load	1,400 kg
Hydraulic workpiece clamping	80 bar
Tool magazine	Chain-type magazine, 80 places
Machine control	Siemens SINUMERIK 840D sl



**Available from: June 2023**

**H 4000 | M 59457**

Positioning range X/Y/Z	800/800/800 mm
Rapid traverse speed X/Y/Z	65/65/65 m/min
Tool shank	HSK-A 63
Spindle	PC: 12,000 1/min / 45 kW / 228 Nm
Clamping surface (nominal size)	500 x 630 mm
Clamping load	1,400 kg
Hydraulic workpiece clamping	80 bar
Tool magazine	Chain-type magazine, 80 places
Machine control	Siemens SINUMERIK 840D sl

**Available from: June 2023**

**H 4000 | M 59458**

Positioning range X/Y/Z	800/800/800 mm
Rapid traverse speed X/Y/Z	65/65/65 m/min
Tool shank	HSK-A 63
Spindle	PC: 12,000 1/min / 45 kW / 228 Nm
Clamping surface (nominal size)	500 x 630 mm
Clamping load	1,400 kg
Hydraulic workpiece clamping	80 bar
Tool magazine	Chain-type magazine, 80 places
Machine control	Siemens SINUMERIK 840D sl

Available from: October 2023

**H 4000 | M 59459**

Positioning range X/Y/Z	800/800/800 mm
Rapid traverse speed X/Y/Z	80/80/90 m/min
Tool shank	HSK-A 63
Spindle	SC: 18,000 1/min / 45 kW / 103 Nm
Clamping surface (nominal size)	500 x 630 mm
Clamping load	1,400 kg
Hydraulic workpiece clamping	200 bar
Tool magazine	Chain-type magazine, 160 places
Machine control	Siemens SINUMERIK 840D sl

Available from: October 2023

**H 4000 | M 59460**

Positioning range X/Y/Z	800/800/800 mm
Rapid traverse speed X/Y/Z	65/65/65 m/min
Tool shank	HSK-A 63
Spindle	PC: 12,000 1/min / 45 kW / 228 Nm
Clamping surface (nominal size)	500 x 630 mm
Clamping load	1,400 kg
Hydraulic workpiece clamping	80 bar
Tool magazine	Chain-type magazine, 160 places
Machine control	Siemens SINUMERIK 840D sl

Available from: November 2023

**H 5000 | M 59150**

Positioning range X/Y/Z	800/800/800 mm
Rapid traverse speed X/Y/Z	65/65/72 m/min
Tool shank	HSK-A 100
Spindle	PC: 8,000 1/min / 43 kW / 822 Nm
Clamping surface (nominal size)	630 x 630 mm
Clamping load	1,400 kg
Hydraulic workpiece clamping	200 bar
Tool magazine	Chain-type magazine, 100 places
Machine control	Siemens SINUMERIK 840D sl



**Available from: July 2023**

**H 5000 | M 59151**

Positioning range X/Y/Z	800/800/800 mm
Rapid traverse speed X/Y/Z	65/65/72 m/min
Tool shank	HSK-A 100
Spindle	PC: 8,000 1/min / 43 kW / 822 Nm
Clamping surface (nominal size)	630 x 630 mm
Clamping load	1,400 kg
Hydraulic workpiece clamping	200 bar
Tool magazine	Chain-type magazine, 100 places
Machine control	Siemens SINUMERIK 840D sl

**Available from: July 2023**

**H 5000 | M 59462**

Positioning range X/Y/Z	800/800/800 mm
Rapid traverse speed X/Y/Z	50/50/50 m/min
Tool shank	HSK-A 100
Spindle	PC: 8,000 1/min / 43 kW / 822 Nm
Clamping surface (nominal size)	630 x 630 mm
Clamping load	1,400 kg
Hydraulic workpiece clamping	80 bar
Tool magazine	Chain-type magazine, 100 places
Machine control	Siemens SINUMERIK 840D sl

**Available from: September 2023**

**H 5000 | M 59676**

Positioning range X/Y/Z	800/800/800 mm
Rapid traverse speed X/Y/Z	50/50/50 m/min
Tool shank	HSK-A 100
Spindle	PC: 8,000 1/min / 43 kW / 822 Nm
Clamping surface (nominal size)	630 x 630 mm
Clamping load	1,400 kg
Hydraulic workpiece clamping	80 bar
Tool magazine	Chain-type magazine, 100 places
Machine control	Siemens SINUMERIK 840D sl

**Available from: October 2023**

**H 5000 | M 59677**

Positioning range X/Y/Z	800/800/800 mm
Rapid traverse speed X/Y/Z	50/50/50 m/min
Tool shank	HSK-A 100
Spindle	PC: 8,000 1/min / 43 kW / 822 Nm
Clamping surface (nominal size)	630 x 630 mm
Clamping load	1,400 kg
Hydraulic workpiece clamping	80 bar
Tool magazine	Chain-type magazine, 100 places
Machine control	Siemens SINUMERIK 840D sl

**Available from: November 2023**

**H 6000 | M 59463**

Positioning range X/Y/Z	1.000/1.000/1.000 mm
Rapid traverse speed X/Y/Z	50/50/50 m/min
Tool shank	HSK-A 100
Spindle	PC: 8,000 1/min / 43 kW / 822 Nm
Clamping surface (nominal size)	630 x 630 mm
Clamping load	1,400 kg
Hydraulic workpiece clamping	80 bar
Tool magazine	Chain-type magazine, 100 places
Machine control	Siemens SINUMERIK 840D sl



**Available from: September 2023**

**H 6000 | M 59464**

Positioning range X/Y/Z	1.000/1.000/1.000 mm
Rapid traverse speed X/Y/Z	50/50/50 m/min
Tool shank	HSK-A 100
Spindle	PC: 8,000 1/min / 43 kW / 822 Nm
Clamping surface (nominal size)	630 x 630 mm
Clamping load	1,400 kg
Hydraulic workpiece clamping	80 bar
Tool magazine	Chain-type magazine, 100 places
Machine control	Siemens SINUMERIK 840D sl

**Available from: September 2023**

**H 6000 | M 59465**

Positioning range X/Y/Z	1.000/1.000/1.000 mm
Rapid traverse speed X/Y/Z	50/50/50 m/min
Tool shank	HSK-A 100
Spindle	PC: 8,000 1/min / 43 kW / 822 Nm
Clamping surface (nominal size)	630 x 630 mm
Clamping load	1,400 kg
Hydraulic workpiece clamping	80 bar
Tool magazine	Chain-type magazine, 150 places
Machine control	Siemens SINUMERIK 840D sl

**Available from: October 2023**

**H 6000 | M 59678**

Positioning range X/Y/Z	1.000/1.000/1.000 mm
Rapid traverse speed X/Y/Z	50/50/50 m/min
Tool shank	HSK-A 100
Spindle	PC: 8,000 1/min / 43 kW / 822 Nm
Clamping surface (nominal size)	630 x 630 mm
Clamping load	1,400 kg
Hydraulic workpiece clamping	80 bar
Tool magazine	Chain-type magazine, 150 places
Machine control	Siemens SINUMERIK 840D sl

**Available from: October 2023**

**H 6000 | M 59679**

Positioning range X/Y/Z	1.000/1.000/1.000 mm
Rapid traverse speed X/Y/Z	50/50/50 m/min
Tool shank	HSK-A 100
Spindle	PC: 8,000 1/min / 43 kW / 822 Nm
Clamping surface (nominal size)	630 x 630 mm
Clamping load	1,400 kg
Hydraulic workpiece clamping	200 bar
Tool magazine	Chain-type magazine, 150 places
Machine control	Siemens SINUMERIK 840D sl

**Available from: November 2023**



## Available models

### HF-serie / 5-axis machining centres



#### HF 3500 | M 59466

Positioning range X/Y/Z	710/750/710 mm
Rapid traverse speed X/Y/Z	90/90/80 m/min
Tool shank	HSK-A 63
Spindle	PC: 12,000 1/min / 45 kW / 228 Nm
Clamping surface (nominal size)	400 x 500 mm
Clamping load	650 kg
Hydraulic workpiece clamping	200 bar
Tool magazine	Chain-type magazine, 80 places
Machine control	Siemens SINUMERIK 840D sl

Available from: July 2023

#### HF 3500 | M 59469

Positioning range X/Y/Z	710/750/710 mm
Rapid traverse speed X/Y/Z	65/65/65 m/min
Tool shank	HSK-A 63
Spindle	SC: 18,000 1/min / 45 kW / 103 Nm
Clamping surface (nominal size)	400 x 500 mm
Clamping load	550 kg
Hydraulic workpiece clamping	200 bar
Tool magazine	Chain-type magazine, 80 places
Machine control	Siemens SINUMERIK 840D sl

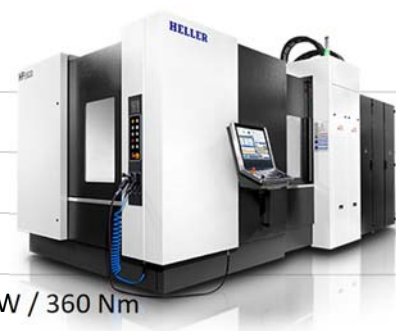
**HF 3500 | M 59470**

Positioning range X/Y/Z	710/750/710 mm
Rapid traverse speed X/Y/Z	90/90/80 m/min
Tool shank	HSK-A 63
Spindle	DC: 16,000 1/min / 56 kW / 180 Nm
Clamping surface (nominal size)	400 x 500 mm
Clamping load	650 kg
Hydraulic workpiece clamping	200 bar
Tool magazine	Chain-type magazine, 160 places
Machine control	Siemens SINUMERIK 840D sl

Available from: October 2023

**HF 5500 | M 59471**

Positioning range X/Y/Z	900/950/930 mm
Rapid traverse speed X/Y/Z	65/65/65 m/min
Tool shank	HSK-A 100
Spindle	PC: 10,000 1/min / 45 kW / 360 Nm
Clamping surface (nominal size)	500 x 630 mm
Clamping load	750 kg
Hydraulic workpiece clamping	200 bar
Tool magazine	Chain-type magazine, 150 places
Machine control	Siemens SINUMERIK 840D sl



Available from: October 2023

**HF 5500 | M 59473**

Positioning range X/Y/Z	900/950/930 mm
Rapid traverse speed X/Y/Z	65/65/65 m/min
Tool shank	HSK-A 100
Spindle	PC: 10,000 1/min / 45 kW / 360 Nm
Clamping surface (nominal size)	500 x 630 mm
Clamping load	750 kg
Hydraulic workpiece clamping	200 bar
Tool magazine	Chain-type magazine, 100 places
Machine control	Siemens SINUMERIK 840D sl

Available from: October 2023

**HF 5500 | M 59474**

Positioning range X/Y/Z	900/950/930 mm
Rapid traverse speed X/Y/Z	90/90/80 m/min
Tool shank	HSK-A 100
Spindle	DC: 12,000 1/min / 45 kW / 400 Nm
Clamping surface (nominal size)	500 x 630 mm
Clamping load	750 kg
Hydraulic workpiece clamping	200 bar
Tool magazine	Chain-type magazine, 100 places
Machine control	Siemens SINUMERIK 840D sl

**Available from: October 2023**

**HF 5500 | M 59475**

Positioning range X/Y/Z	900/950/930 mm
Rapid traverse speed X/Y/Z	90/90/80 m/min
Tool shank	HSK-A 100
Spindle	DC: 12,000 1/min / 45 kW / 400 Nm
Clamping surface (nominal size)	500 x 630 mm
Clamping load	750 kg
Hydraulic workpiece clamping	200 bar
Tool magazine	Chain-type magazine, 150 places
Machine control	Siemens SINUMERIK 840D sl

**Available from: November 2023**