

Milling machine

OPTImill MH 25SPV

OPTIMUM
MASCHINEN - GERMANY

Article number ▼

3338161

Brand ▼

Optimum

Availability ▼

No stock available

Information:

Next availability

Expected on calendar week 12/2024

Catalog directory ▼

Metalworking machines » Milling machines
conventional » OPTImill MH 25PV / MH
25SPV

Purchase ▼


Minimum 1 pc(s).



Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	914 mm	Gross	250 kg	Delivery	Carrier	DualUse	✗
Width	844 mm	Net	200 kg	Content	1 pc(s).	SCIP	n/a
Height	1,119 mm					SVHC	No

Root data ▼

Country of origin		EAN	Custom number	Quantity unit
	China	4030635047947	84593900	pc(s).

Description ▼

- Inverter motor
- Precisely processed
- Clear control panel with user-friendly membrane keyboard
- Especially quiet running
- Counterweight facilitates adjustment of the Z-axis
- Stepless speed control
- Easy tool change due to quick tool clamping system
- Feed spindles adjustable by means of adjustable spindle nuts
- Stable dovetail guide, precision ground and scraped with adjustable wedges
- Angular contact ball bearings in the axles
- Drilling and milling head can be swiveled by $\pm 45^\circ$
- Forward / reverse
- Height-adjustable and large-dimensioned protective screen with microswitch

MH 25SPV:

- Continuously adjustable feed in all axes
- Rapid traverse X / Y axis for fast positioning
- Digital 3-axis position indicator DRO 5
- Final shutdown of the feed
- Control panel transportable
- When the spindle stops, the feed switches off
- Limit switch for all three axes

Media informations ▼

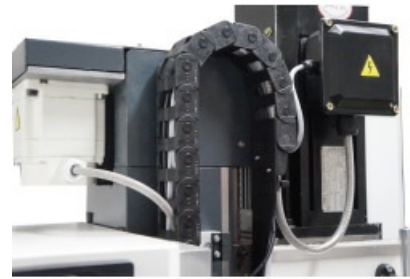


Operating panel

- User-friendly membrane keyboard with touch and switch control
- Easy to clean
- Excellent operability
- High mobility by removing the control panel from the holder



Operation panel MH 25PV



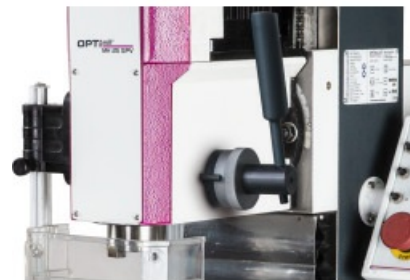
Energy chain

- Gentle cable routing



SIEMENS SINAMICS V20 inverter

- To increase energy efficiency, the inverter is equipped with an energy-optimal control method with automatic flux reduction
- Wider voltage range, advanced cooling and painted electronic assemblies



Quick-change clamping system

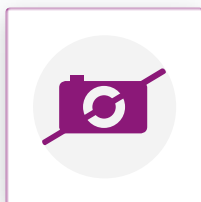
- The milling head is equipped with collet for tightening bolt BT30x45°.
- Easy change due to quill lever with function for tool quick clamping system

Technical data ▼

Dimensions and weights			
Length (product) approx.	970 mm	Width/depth (product) approx.	975 mm
Height (product) approx.	1025 mm	Net weight approx.	200 kg
Drilling/milling head			
Drill-mill head tilt range	± 45 °		

Drilling/milling output			
Max. size milling head	50 mm	Max. size shaft milling cutter	25 mm
Fast motion speed			
Fast motion speed X axis	150 – 930 mm/min	Fast motion speed Y axis	100 – 580 mm/min
Fast motion speed Z axis	80 – 450 mm/min		
Electrical Data			
Supply voltage	230 V	Mains frequency	50 Hz
Milling table horizontal			
Horizontal milling table length	620 mm	Horizontal milling table width	180 mm
Min. clearance vertical spindle - horizontal milling table	0 mm	Max. clearance vertical spindle - horizontal milling table	300 mm
Horizontal milling table T-groove size	12 mm	Horizontal milling table T-groove number	3
Horizontal milling table T-groove spacing	50 mm	Horizontal milling table max. load bearing capacity	30 kg
Standards and certifications			
Standard	DIN EN 55011	EMC level	C2
Travel			
Travel X axis manual	400 mm	Travel Y axis manual	210 mm
Travel Z axis manual	270 mm	Travel X axis automatic	380 mm
Travel Y axis automatic	130 mm	Travel Z axis automatic	190 mm
Vertical spindle			
Vertical spindle reach	185 mm	Vertical spindle spindle chuck	BT 30
Vertical spindle speed range	200 – 4000 min ⁻¹	Vertical spindle number of gears	1
Vertical spindle speed control	electronically adjustable	Vertical spindle drive motor output normal operation	1.5 kW
Vertical spindle drive motor torque	10 Nm		
Feed speed			
X axis feed speed	150 mm/min	Y axis feed speed	100 mm/min
Z axis feed speed	80 mm/min		
Feed motor torque			
Feed motor torque X axis continuous operation S1	2.2 Nm	Feed motor torque Y axis continuous operation S1	2.2 Nm
Feed motor torque Z axis continuous operation S1	4.2 nm		
Electrical connections			
Total rated value	2 kW		

Accessories ▼



Starter kit BT 30

Article number ▼
3353282

Availability ▼
No stock available
Information:
Next availability
Expected on
calendar week
15/2024

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

OPTIMUM®
MASCHINEN - GERMANY



Substructure

MSM 2 700 x 550 x 750 mm

OPTIMUM®
MASCHINEN - GERMANY

Article number ▼

3353009

Availability ▼

No stock available
Information:
Next availability
Expected on
calendar week
12/2024

Purchase ▼

Minimum 1 pc(s).

Price informations ▼

Prices on this data sheet are recommended retail prices, subject to change, in €, plus VAT at the statutory rate, plus packaging, shipping, transport, unloading, assembly and, if applicable, instruction costs. Sales prices of the dealers can deviate. No liability is accepted for printing errors, mistakes or incorrect presentation. Technical and optical changes are reserved. Illustration partly with optional accessories.