

## Milling machine

### OPTImill MH 25PV

Sturdy milling machines with electronically infinitely variable drive.

**OPTIMUM**<sup>®</sup>  
MASCHINEN - GERMANY

#### Article number ▼

3338156

#### Brand ▼

Optimum

#### Availability ▼

In stock

Immediate delivery

#### 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	242 kg	Delivery	Carrier	DualUse	✘
Width	844 mm	Net	192 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	4030635047930	84593900	pc(s).

#### Description ▼

- Inverter motor
- Precisely processed
- Clearly arranged control panel with user-friendly membrane keypad
- Particularly smooth running
- Counterweight facilitates adjustment of the Z-axis
- Infinitely variable speed control
- Simple tool change thanks to quick tool clamping system
- Adjustable feed spindles with adjustable spindle nuts
- Stable dovetail guide, precision ground and scraped with adjustable wedge strips
- Angular contact ball bearings in the axes
- Height-adjustable, large protective disk with microswitch
- Gear head can be tilted  $\pm 45$
- Right/left rotation
- Easy-to-read speed display in the milling head
- Prepared groove for retrofitting the magnetic belts

## Media informations



**Operation panel**

- User-friendly membrane keyboard with touch and switch control
- Easy to clean
- Excellent operability



**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



**Mechanical 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.	955 mm
Height (product) approx.	1025 mm	Net weight approx.	192 kg

Drilling/milling head			
Mill head swivel range	45 °		
Drilling/milling output			
Max. size milling head	50 mm	Max. size shaft milling cutter	25 mm
Electrical Data			
Total rated value	2 kW	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		
Vertical spindle			
Vertical spindle reach	185 mm	Vertical spindle spindle chuck	BT 30
Vertical spindle speed range	200 – 4000 min <sup>-1</sup>	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		

## Accessories ▼

	<b>Substructure</b> <b>MSM 2 700 x 550 x 750 mm</b>		
	<b>Article number</b> <span style="font-size: 0.8em;">▼</span> 3353009	<b>Availability</b> <span style="font-size: 0.8em;">▼</span> In stock Immediate delivery	<b>Purchase</b> <span style="font-size: 0.8em;">▼</span> Minimum 1 pc(s).
	<b>Starter kit</b> <b>BT 30</b>		
	<b>Article number</b> <span style="font-size: 0.8em;">▼</span> 3353282	<b>Availability</b> <span style="font-size: 0.8em;">▼</span> In stock Immediate delivery	<b>Purchase</b> <span style="font-size: 0.8em;">▼</span> Minimum 1 pc(s).

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