

Drilling-milling machine

OPTImill MB 4SVD

Universal precision drilling and milling machines with servo drive - SVD model with DRO 6 digital readout and magnetic measuring system

OPTIMUM[®]
MASCHINEN - GERMANY

Article number ▼

3338459

Brand ▼

Optimum



Catalog directory ▼

Metalworking machines » Milling machines conventional » OPTImill MB 4P / MB 4PV / MB 4VS

Delivery content ▼

- Adapter MK4/MK 3
- Tightening rod M 16
- Adapter MK4/22 mm
- Operating tool

Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	904 mm	Gross	350 kg	Delivery	Carrier	DualUse	✘
Width	890 mm	Net	320 kg	Content	1 pc(s).	SCIP	n/a
Height	1,400 mm					SVHC	No



Description ▼

- Precisely processed
- Thread cutting function
- Servo drive
- Solid and generously dimensioned cross table, precisely surface-finished with T-slots and adjustable gibs
- Adjustable end stops
- Stable dovetail guide with adjustable gibs
- Right-left rotation
- LED machine light
- Fine feed
- Emergency stop switch
- Drilling/milling head can be tilted by ± 45
- Height-adjustable protective screen with microswitch against flying chips and parts, for maximum protection of the user

Manufacturer

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Media informations ▼



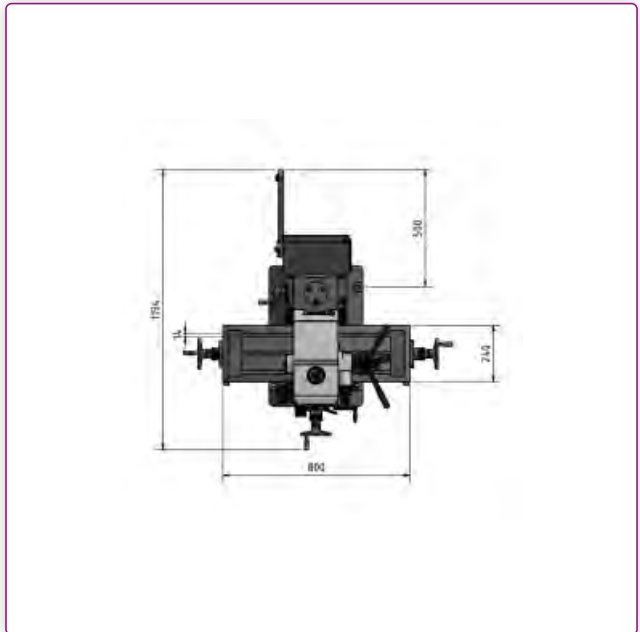
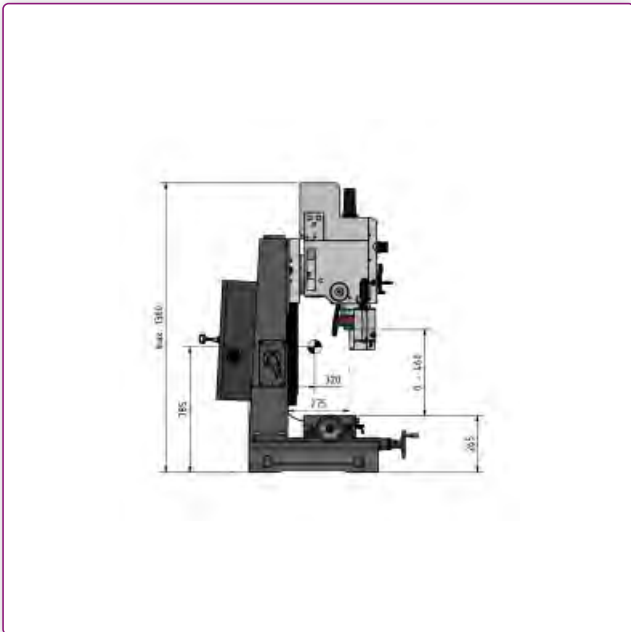
Control cabinet

- Standard-compliant design
- Completely new with in-house development by Optimum



Digital display

1. Spindle rotation "ON" push button
2. Spindle rotation direction selection
3. Lighting on/off
4. Spindle rotation "OFF" push button
5. Thread cutting push button
6. Set zero point
7. Adjust thread depth
8. Enter key



Technical data ▼

Dimensions and weights			
Length (product) approx.	1155 mm	Width/depth (product) approx.	980 mm
Height (product) approx.	1360 mm	Net weight approx.	320 kg
Drilling/milling head			
Mill head swivel range	± 45 °		
Drilling/milling output			

Max. size milling head	63 mm	Max. size shaft milling cutter	26 mm
Drilling performance steel (S235JR)	32 mm	Continuous drilling performance steel (S235JR)	28 mm
Electrical Data			
Supply voltage	230 V	Mains frequency	50 Hz
Milling table horizontal			
Horizontal milling table length	800 mm	Horizontal milling table width	240 mm
Horizontal milling table T-groove size	14 mm	Horizontal milling table T-groove number	3
Horizontal milling table T-groove spacing	63 mm		
Travel			
Travel X axis manual	450 mm	Travel Y axis manual	200 mm
Max. distance spindle to column	275 mm		
Vertical spindle			
Vertical spindle spindle chuck	MK 4 / MK 16	Vertical spindle speed range	60 3000 min ⁻¹
Vertical spindle number of gears	2	Vertical spindle speed control	electronically adjustable
Vertical spindle quill stroke	120 mm	Vertical spindle drive motor output continuous operation S1	3 kW