

## JMD-3 – Milling/drilling center

- Advanced brushless DC-motor
- Variable 100–1750 rpm speed range
- Digital display of spindle speed and spindle travel
- Left hand spindle rotation and tapping function standard
- Tilttable head for vertical and inclined work

### Included in delivery

- Variable speed control with digital display
- Micro adjustable spindle downfeed with digital display
- Quick-clamping chuck 1–13 mm with Arbor MT-3
- Draw bar M12
- Drilling and milling guard with limit switch

<b>Stock number</b>	<b>50000050M</b>
<b>Power</b>	1300W/230V
<b>Capacity for Ø drill / face mill / end mill</b>	20/50/20 mm
<b>Speeds</b>	100–1750 rpm
<b>Max. distance spindle to table</b>	410 mm
<b>Max. Table stroke x-axis / y-axis</b>	350/150 mm
<b>Weight</b>	165 kg

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Accessory: X-Axis power feed, 0–1000 mm/min, with feed limit switches (Stock no. 50000055)



Digital display of spindle speed and spindle travel

### Accessories

- **50000058** Quick vise with swivel base 80x100 mm
- **50000055** X-axis power feed
- **50000056** Machine cabinet stand
- **50000057** Riser table for horizontal milling

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## Technical details



Stock number (230V)	10000350M	10000360M	10000370M	10000380M	1792800M	-	-	-	-
Stock number (400V)	-	-	10000370T	10000380T	1792800T	50000420T	50000405T	50000406T	50000407T
Model	JDP-10	JDP-13	JDP-15	JDP-17F	JDP-2800VS	JDP-22VS	GHD-22	GHD-27	GHD-27PF
Motor power input (230V)	400W	650W	900W	1000W	1300W	-	-	-	-
Motor power output (230V)	245W	370W	520W	550W	745W	-	-	-	-
Motor power input (400V)	-	-	900W	1000W	1750W	2800W	2050W	2800W	2800W
Motor power output (400V)	-	-	520W	550W	930W	1100W	1100W	1490W	1490W
Drilling performance in steel	16mm	20mm	22mm	25mm	16mm	Ø 25 mm / M16	Ø 30 mm / M16	Ø 32 mm / M20	Ø 32 mm / M20
Distance spindle column	127mm	165mm	190mm	215mm	225mm	280mm	284mm	350mm	350mm
Spindle travel	60mm	80mm	85mm	85mm	110mm	127mm	150mm	150mm	150mm
Table size	210x195mm	270x270mm	330x330mm	365x365mm	420x530 (780)mm	410x490mm	405x505mm	405x505mm	405x505mm
Speed range	210-2580rpm	210-2580rpm	210-2580rpm	160-3330rpm	330-2500rpm	-	75-3150rpm	75-3150rpm	75-3150rpm
Spindle speeds	12	12	12	12	variable	variable	8	8	8
Pulley step I, 4pole / 2pole	-	-	-	-	-	135-1000 / 270-2000rpm	-	-	-
Spindle speeds	-	-	-	-	-	variable	-	-	-
Pulley step II, 4pole / 2pole	-	-	-	-	-	270-2000 / 500-3800rpm	-	-	-
Power down feed	-	-	-	-	-	-	-	-	0,1 / 0,15 / 0,2mm/r
Quick-clamping chuck	1-16mm standard	1-16mm standard	1-16mm standard	1-16mm standard	1-16mm standard	1-16mm standard	1-16mm standard	1-16mm standard	1-16mm standard
Spindle taper	MT2 / B16	MT2 / B16	MT2 / B16	MT3 / B16	MT-2	MT-3	MT-3	MT-3	MT-3
Column diameter	59,5mm	73mm	73mm	80mm	80mm	110mm	100mm	120mm	120mm
Number of T-slots in table	-	-	-	-	2 / 16mm	2 / 16mm	2 / 16mm	2 / 16mm	2 / 16mm
Number of T-slots in base	-	-	-	-	-	-	-	2 / 16mm	2 / 16mm
Max. distance spindle to table	-	-	-	-	-	830mm	910mm	950mm	950mm
Max. distance spindle to base	-	-	-	-	-	1180mm	-	1300mm	1300mm
Dimensions (LxWxH)	530x320x840mm	590x360x1000mm	630x400x1000mm	680x430x1625mm	800x600x1750mm	840x610x1850mm	800x600x1840mm	750x600x1800mm	750x620x1800mm
Weight	43kg	63kg	74kg	83kg	130kg	300kg	198kg	240kg	250kg
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Stock number (230V)	50000020M	50000030M	50000050M	350018M	350051M	-	-	-
Stock number (400V)	-	-	-	-	-	50000400T	50000401T	50000630T
Model	JMD-1	JMD-2	JMD-3	JMD-18	JMD-18PF	JMD-45PF	JMD-45PFD	JTM-1050VS
Motor power input (230V)	250W	750W	1300W	2600W	2600W	-	-	-
Motor power output (230V)	150W	520W	1000W	1490W	1490W	-	-	-
Motor power input (400V)	-	-	-	-	-	2050W	2050W	7050W
Motor power output (400V)	-	-	-	-	-	1100W	1100W	3720W
Drilling capacity (ST 37)	Ø 10 mm / M6	Ø 13 mm / M8	Ø 20 mm / M10	Ø 30 mm / M12	Ø 32 mm / M12	Ø 32 mm, M20	Ø 32 mm, M20	Ø 20 mm, M16
Cutting capacity of face mill	Ø 20 mm	Ø 30 mm	Ø 50 mm	Ø 76 mm	Ø 76 mm	Ø 100 mm	Ø 100 mm	Ø 100 mm
Cutting capacity of end mill	Ø 10 mm	Ø 16 mm	Ø 20 mm	Ø 20 mm	Ø 25 mm	Ø 20 mm	Ø 20 mm	Ø 20 mm
Spindle speeds	100-1000 / 200-2000rpm	50-2500rpm	100-1750rpm	12/ 125 -2500 rpm	12/ 125 -2500 rpm	12/ 50 -2500 rpm	12/ 50 -2500 rpm	50 -3000 rpm
Max. distance between spindle / table	210mm	320mm	410mm	455mm	455mm	460mm	460mm	446mm
Max. Table stroke x-axis	190mm	250mm	350mm	520mm	520mm	520mm	520mm	800mm
Max. Table stroke y-axis	100mm	160mm	150mm	175mm	175mm	210mm	210mm	380mm
Distance spindle column	140mm	160mm	230mm	200mm	200mm	250mm	250mm	680mm
Spindle taper	MT-2 / M10	MT-2 / M10	MT-3 / M12	MT-3 / M12	MT-3 / M12	ISO 30 (DIN 2080)	ISO 30 (DIN 2080)	ISO 40 (DIN 2080)
Manual spindle stroke	30mm	60mm	70mm	125mm	-	-	-	-
Automatic sleeve stroke	-	-	-	-	107mm	107mm	107mm	127mm
Automatic sleeve feed	-	-	-	-	0,12 / 0,18 / 0,25 mm/r	0,12 / 0,18 / 0,25 mm/r	0,12 / 0,18 / 0,25 mm/r	0,04 / 0,08 / 0,15 mm/r
Column diameter	-	-	-	115mm	115mm	-	-	-
Column tilting range	45° left / 45° right	-	-	-	-	-	-	-
Head tilting range	-	45° left / 30° right	90° left / 45° right	-	-	90° left / 30° right	90° left / 30° right	-
Table size	145x240mm	130x500mm	160x510mm	240x805mm	240x805mm	240x825mm	240x825mm	250x1270mm
Number of T-slots in table	3/8mm	3/8mm	3/12mm	4/16mm	4/16mm	4/16mm	4/16mm	3/16mm
Dimensions (LxWxH)	550x450x630mm	610x610x780mm	700x560x850mm	1080x1010x1105mm	1080x1010x1105mm	1080x1010x1300mm	1080x1010x1300mm	1700x1955x2350mm
Weight	40kg	127kg	165kg	290kg	290kg	340kg	340kg	1320kg
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