

JWL-1642 – Wood lathe

- Powerful motor for continuous operation
- Infinitely variable speeds via frequency converter from 0–3200 rpm in two belt steps for high torque for turning large diameters

Included in delivery

- Stable cast iron machine frame
- 350 mm tool rest
- 150 mm face plate
- Live center
- Center point
- Tool basket and chuck guard

Stock number	708359-LM
Power	1950 W / 230V
Diameter over bed	405 mm
Center distance	1090 mm
Speeds	0–1200 / 0–3200 rpm
Spindle indexing	36 x 10°
Weight	190 kg

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Frequency converter-controlled continuous speed adjustment from 0–3200 rpm



Two belt stages for high torque when turning large diameter workpieces

Accessories

- 708346 Machine bed extension 500 mm

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Accessories – Technical details



10000610 Mini lathe chuck 1" x 8 TPI, Ø 65 mm, with 3 jaw sets and screw insert



10000611 Lathe chuck M33x3,5, Ø 95 mm, with 3 jaw sets and screw insert



10000612 Lathe chuck M33x3,5, Ø 115 mm, with 3 jaw sets and screw insert



10000450 Adapter 1" x 8 TPI / M33 x 3,5



709960 Adapter M33 x 3,5 / 1" x 8 TPI
Details see page: 39, 40, 41



709933 Live center MT-2



708343 K Drill chuck 13 mm, with tapered mandrel MT-2



CTP-901120 Copying attachment 1000 mm for JWL-1442 / JWL-1642 (3520B / 4224)
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10003370 Set of copy tools



708349 Floor-mounted tool rest heavy-duty cast iron design



708332 Face shield



Stock number (230V)	708375M	708376M	708376VSM	708352M	708358-LM	708359-LM	1352001M	1791254M
Model	JML-1014I	JWL-1220	JWL-1220VS	JWL-1236	JWL-1442	JWL-1642	3520B	4224
Motor: power input	500 W / S _e 40%	700 W / S _e 40%	700 W / S _e 40%	950 W / S _e 40%	1300 W / S _e 40%	1950 W / S _e 40%	2600 W / S _e 40%	3550 W / S _e 40%
Motor: power output	350 W / S _i 100%	550 W / S _i 100%	550 W / S _i 100%	550 W / S _i 100%	700 W / S _i 100%	1100 W / S _i 100%	1450 W / S _i 100%	2200 W / S _i 100%
Diameter over bed	250 mm	305 mm	305 mm	300 mm	355 mm	405 mm	508 mm	610 mm
Center distance	350 mm	510 mm	510 mm	850 mm	1030 mm	1090 mm	800 mm	1065 mm
Speeds	6 400, 700, 1000, 1500, 2200, 3300 rpm	6 400, 700, 1000, 1500, 2200, 3300 rpm	variable 200 – 4300 rpm (stepped pulley, 6x)	6 450, 700, 1000, 1300, 1700, 2500 rpm	8 370, 500, 700, 900, 1250, 1600, 1900, 2500 rpm	variable I 0–1200 rpm II 0–3200 rpm	variable 0–1200 rpm 0–3200 rpm	variable I 0–900 rpm II 0–1965 rpm III 0–3500 rpm
Spindle indexing	24 x 15°	24 x 15°	24 x 15°	24 x 15°	36 x 10°	36 x 10°	24 x 15° / 36 x 10°	24 x 15°
Spindle thread	1" x 8 TPI (M 33 x 3,5)	1" x 8 TPI (M 33 x 3,5)	1" x 8 TPI (M 33 x 3,5)	1" x 8 TPI (M 33 x 3,5)	1" x 8 TPI (M 33 x 3,5)	M 33 x 3,5	M 33 x 3,5	M 33 x 3,5
Headstock taper	MT-2	MT-2	MT-2	MT-2	MT-2	MT-2	MT-2	MT-2
Tailstock taper	MT-2	MT-2	MT-2	MT-2	MT-2	MT-2	MT-2	MT-2
Headstock pivots	–	–	–	45°, 90°, 180°	45°, 90°, 180°	–	–	–
Headstock passage	9 mm	9 mm	9 mm	9 mm	9 mm	9,5 mm	15,8 mm	15,8 mm
Tailstock passage	9 mm	9 mm	9 mm	9 mm	9 mm	9,5 mm	9,5 mm	9,5 mm
Tailstock sleeve stroke	50 mm	50 mm	50 mm	50 mm	100 mm	100 mm	115 mm	115 mm
Diameter over tool rest	190 mm	241 mm	241 mm	222 mm	255 mm	305 mm	406 mm	470 mm
Dimensions (LxWxH)	630 x 200 x 360 mm	810 x 300 x 390 mm	850 x 300 x 390 mm	1530 x 430 x 1120 mm	1800 x 630 x 1300 mm	2000 x 600 x 1400 mm	1900 x 690 x 1470 mm	1900 x 680 x 1520 mm
Weight	30 kg	45 kg	45 kg	85 kg	165 kg	190 kg	326 kg	410 kg
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