



Dishaa®

SURFACE GRINDER
MACHINE

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DM7163

Surface Grinder Machine



SPECIFICATIONS		Units	DM7163 /1250	DM7163 /1600	DM7163 /2000
Table size (L*W)		mm	1250*630	1600*630	2000*630
Max. Longitudinal movement of worktable		mm	1350	1700	2100
Max. Distance from the spindle centerline to the worktable		mm	880	880	880
Max. Cross movement of grinding head		mm	700	700	700
Max. Vertical movement of grinding head		mm	600	600	600
Vertical movement of the grinding head by hand wheel	Every lattice	mm	0.01	0.01	0.01
	Each turn	mm	1	1	1
Rapid lifting motor	Power	KW	0.55	0.55	0.55
	Speed	r/min	1440	1440	1440
T-slot of table		mm*n	18*3	18*3	18*3
Table rapid move speed		m/min	3-22	3-22	3-22
Auto feeder speed of table front and back (Stepless)		m/min	0.6-10	0.6-10	0.6-10
Grinding wheel size (L*D*W)		mm	400*127*40	400*127*40	400*127*40
Speed of grinding wheel		r/min	1440	1440	1440
Power of spindle motor		KW	7.5	7.5	11
Power of oil pump motor		KW	4	5.5	5.5
Processing accuracy		mm	0.005/300	0.005/300	0.005/300
Surface roughness		um	Ra : 0.63	Ra : 0.63	Ra : 0.63
Machine weight		kg	5000	6800	7500
Overall dimension(L*W*H)		mm	3700*2000*2450	4800*2000*2450	5800*2100*2450

DM7180

Surface Grinder Machine



SURFACE GRINDER

SPECIFICATIONS		Units	DM7180 /1250	DM7180 /1600	DM7180 /2000
Table size (L*W)		mm	1250*800	1600*800	2000*800
Max. Longitudinal movement of worktable		mm	1350	1700	2100
Max. Distance from the spindle centerline to the worktable		mm	880	880	880
Max. Cross movement of grinding head		mm	840	840	840
Max. Vertical movement of grinding head		mm	600	600	600
Vertical movement of the grinding head by hand wheel	Every lattice	mm	0.01	0.01	0.01
	Each turn	mm	1	1	1
Rapid lifting motor	Power	KW	0.55	0.55	0.55
	Speed	r/min	1440	1440	1440
T-slot of table		mm*n	18*5	18*5	18*5
Table rapid move speed		m/min	3-25	3-25	3-25
Auto feeder speed of table front and back (Stepless)		m/min	0.6-10	0.6-10	0.6-10
Grinding wheel size (L*D*W)		mm	400*127*40	400*127*40	400*127*40
Speed of grinding wheel		r/min	1440	1440	1440
Power of spindle motor		KW	11	11	11
Power of oil pump motor		KW	5.5	7.5	7.5
Processing accuracy		mm	0.005/300	0.005/300	0.005/300
Surface roughness		um	Ra : 0.63	Ra : 0.63	Ra : 0.63
Machine weight		kg	6300	7500	9000
Overall dimension(L*W*H)		mm	3800*2900*2800	4400*2900*2800	5400*2900*2800

DM7132/ DM7140

Surface Grinder Machine



SPECIFICATIONS		Units	DM7132 /1000	DM7132 /1600	DM7132 /2000	DM7140 /1000	DM7140 /1600	DM7140 /2000
Table size (L*W)		mm	1000*320	1600*320	2000*320	1000*400	1600*400	2000*400
Max. Longitudinal movement of worktable		mm	1100	1700	2100	1200	1700	2100
Max. Distance from the spindle centerline to the worktable		mm	570	570	570	570	570	570
Max. Cross movement of grinding head		mm	350	350	350	440	440	440
Max. Vertical movement of grinding head		mm	400	400	400	400	400	400
Vertical movement of the grinding head by hand wheel	Every lattice	mm	0.01	0.01	0.01	0.01	0.01	0.01
	Each turn	mm	1	1	1	1	1	1
Rapid lifting motor	Power	KW	0.37	0.37	0.37	0.37	0.37	0.37
	Speed	r/min	1440	1440	1440	1440	1440	1440
T-slot of table		mm*n	18*3	18*3	18*3	18*3	18*3	18*3
Table rapid move speed		m/min	3-22	3-22	3-22	3-22	3-22	3-22
Auto feeder speed of table front and back (Stepless)		m/min	0.6-10	0.6-10	0.6-10	0.6-10	0.6-10	0.6-10
Grinding wheel size (L*D*W)		mm	350*127*40	350*127*40	350*127*40	350*127*40	350*127*40	350*127*40
Speed of grinding wheel		r/min	1440	1440	1440	1440	1440	1440
Power of spindle motor		KW	7.5	7.5	7.5	7.5	7.5	7.5
Power of oil pump motor		KW	3	4	4	3	4	5.5
Processing accuracy		mm	0.005/300	0.005/300	0.005/300	0.005/300	0.005/300	0.005/300
Surface roughness		um	Ra : 0.63	Ra : 0.63	Ra : 0.63	Ra : 0.63	Ra : 0.63	Ra : 0.63
Machine weight		kg	3600	4800	5500	3800	4800	5500
Overall dimension(L*W*H)		mm	2800*1750*2050	4600*1750*2050	5800*1750*2050	2600*1750*2050	4600*1750*2050	5800*1750*2050

DM7150

Surface Grinder Machine



SURFACE GRINDER

SPECIFICATIONS		Units	DM7150 /1250	DM7150 /1600	DM7150 /2000
Table size (L*W)		mm	1250*500	1600*500	2000*500
Max. Longitudinal movement of worktable		mm	1350	1700	2100
Max. Distance from the spindle centerline to the worktable		mm	800	800	800
Max. Cross movement of grinding head		mm	540	540	540
Max. Vertical movement of grinding head		mm	500	500	500
Vertical movement of the grinding head by hand wheel	Every lattice	mm	0.01	0.01	0.01
	Each turn	mm	1	1	1
Rapid lifting motor	Power	KW	0.37	0.37	0.55
	Speed	r/min	1440	1440	1440
T-slot of table		mm*n	18*3	18*3	18*3
Table rapid move speed		m/min	3-22	3-22	3-22
Auto feeder speed of table front and back (Stepless)		m/min	0.6-10	0.6-10	0.6-10
Grinding wheel size (L*D*W)		mm	400*127*40	400*127*40	400*127*40
Speed of grinding wheel		r/min	1440	1440	1440
Power of spindle motor		KW	7.5	7.5	7.5
Power of oil pump motor		KW	4	5.5	5.5
Processing accuracy		mm	0.015/1000	0.015/1000	0.015/1000
Surface roughness		um	Ra : 0.63	Ra : 0.63	Ra : 0.63
Machine weight		kg	5000	6000	7500
Overall dimension(L*W*H)		mm	3500*1750*2450	4500*2100*2450	5800*2100*2450

DMY820/DMY1022 DMY1224/DMY1230

Surface Grinder Machine



SPECIFICATIONS		Units	DMY820	DMY1022	DMY1224	DMY1230
Worktable size (L*W)		mm	480*200	540*250	600*300	700*300
Max. travel of table (L*W)		mm	520*200	560*250	640*320	750*340
Table T slot (slot number*slot width)		mm	1*14	1*14	1*14	1*14
The grinding wheel size (o. d * w * i. d.)		mm	200*20*31.75	200*20*31.75	250*25.4*76.2	350*25.4*76.2
Distance spindle center line to working table		mm	450	450	450	450
Grinding wheel speed		r/min	2800	2800	1440	1440
Longitudinal speed range of table		m/min	3-20	3-20	3-20	3-20
Transverse (front and rear) feed handwheel feed	Continuous (stepless)	m/min	150	150	150	150
	Handwheel per turn	mm	2.5	2.5	2.5	2.5
	Handwheel per lattice	mm	0.02	0.02	0.02	0.02
The vertical (up and down) feed handwheel feed	Handwheel per turn	mm	1.25	1.25	1.25	1.25
	Handwheel per lattice	mm	0.01	0.01	0.01	0.01
Spindle motor power		kw	1.5	1.5	2.2	3
Power of oil pump motor		kw	1.5	1.5	1.5	1.5
Cooling motor power		kw	0.04	0.04	0.04	0.04
Processing accuracy		mm	0.005/300	0.005/300	0.005/300	0.005/300
Surface roughness		μm	Ra0.32	Ra0.32	Ra0.32	Ra0.32
Machine weight		kg	1050	1250	1500	2100
Overall dimension(L*W*H)		mm	1680*1200*1900	1780*1240*1900	1960*1630*1980	1990*1700*1990

DMY4080/DMY40100

Surface Grinder Machine



SURFACE GRINDER

SPECIFICATIONS		Units	DMY4080	DMY40100
Worktable size (L*W)		mm	800*400	1000*400
Max. travel of table (L*W)		mm	900*450	1100*450
Table T slot (slot number*slot width)		mm	3*18	3*18
The grinding wheel size (o.d*w*i.d.)		mm	350*32*127	350*40*127
Distance spindle center line to working table		mm	580	580
Grinding wheel speed		r/min	1450	1450
Longitudinal speed range of table		m/min	3-20	3-20
Transverse (front and rear) feed handwheel feed	Automatic (stepless)	mm	0-8	0-8
	Handwheel per turn	mm	2.5	2.5
	Handwheel per lattice	mm	0.02	0.02
The vertical (up and down) feed handwheel feed	Handwheel per turn	mm	2	2
	Handwheel per lattice	mm	0.01	0.01
Spindle motor power		kw	5.5	5.5
Power of oil pump motor		kw	2.2	2.2
Cooling motor power		kw	0.125	0.125
Processing accuracy		mm	0.005/300	0.005/300
Surface roughness		μm	Ra0.32	Ra0.32
Machine weight		kg	3200	3900
Overall dimension(L*W*H)		mm	2400*2250*2250	2400*2250*2250

DM618/DM820/DM1022

Surface Grinder Machine



SPECIFICATIONS		Units	DM618	DM820	DM1022
Worktable size (L*W)		mm	460*180	480*200	500*250
Max. travel of table (L*W)		mm	500*190	520*200	560*250
Table T slot (slot number x slot width)		mm	1*14	1*14	1*14
The grinding wheel size (o. d * w * i. d.)		mm	180*13*31.75	200*20*31.75	200*20*31.75
Distance spindle center line to working table		mm	335	480	480
Grinding wheel speed		r/min	2800	2800	2800
Longitudinal speed range of table		m/min	3-20	3-20	3-20
Transverse (front and rear) feed handwheel feed	Handwheel per turn	mm	2.5	2.5	4
	Handwheel per lattice	mm	0.02	0.02	0.02
The vertical (up and down) feed handwheel feed	Handwheel per turn	mm	1.25	1.25	2
	Handwheel per lattice	mm	0.01	0.01	0.01
Spindle motor power		kw	1.1	1.5	1.5
Cooling motor power		kw	0.04	0.04	0.04
Processing accuracy		mm	0.005/300	0.005/300	0.005/300
Surface roughness		μm	Ra0.32	Ra0.32	Ra0.32
Machine weight		kg	750	850	1050
Overall dimension(L*W*H)		mm	1240*1080*1780	1260*1140*1760	1280*1250*1800

DMD618/DMD820/DMD1022

Surface Grinder Machine



SURFACE GRINDER

SPECIFICATIONS		DMD618	DMD820	DMD1022
Worktable size (L*W)	mm	460*180	480*200	540*250
Max. travel of table (L*W)	mm	500*190	520*200	560*250
Table T slot (slot number x slot width)	mm	1*14	1*14	1*14
The grinding wheel size (o.d*w*i.d.)	mm	180*13*31.75	200*20*31.75	200*20*31.75
Distance spindle center line to working table	mm	335	450	450
Grinding wheel speed	r/min	2800	2800	2800
Longitudinal speed range of table	m/min	3-20	3-20	3-20
Transverse (front and rear) feed handwheel feed	Continuous (stepless)	m/min	150	150
	Handwheel per turn	mm	2.5	4
	Handwheel per lattice	mm	0.02	0.02
The vertical (up and down) feed handwheel feed	Handwheel per turn	mm	1.25	1.25
	Handwheel per lattice	mm	0.01	0.01
Spindle motor power	kw	1.1	1.5	1.5
Cooling motor power	kw	0.04	0.04	0.04
Processing accuracy	mm	0.005/300	0.005/300	0.005/300
Surface roughness	μm	Ra0.32	Ra0.32	Ra0.32
Machine weight	kg	800	900	1100
Overall dimension(L*W*H)	mm	1060*1170*1870	1680*1200*1900	1780*1240*1900