



Dishaa[®]

VERTICAL DRILLING MACHINE

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Vertical Drilling Machine



DVD5032/ DVD5040/ DVD5045 Vertical Drilling Machine

SPECIFICATIONS		DVD5032	DVD5040	DVD5045
Max.drilling dia.	mm	32	40	45
Spindle taper	-	MT3/R8	MT4	MT4
Spindle travel	mm	130	130	130
Spindle speed steps	-	6	6	6
Spindle speed range	50Hz rpm	80-1250	80-1250	80-1250
	60Hz rpm	95-1500	95-1500	95-1500
Distance between spindle nose and table surface	mm	725	725	725
Distance between spindle nose and stand table	mm	1125	1125	1125
Distance from spindle axis to column surface	mm	283	283	283
Spindle box travel	mm	250	250	250
Spindle box swivel angle (horizontal/perpendicular)	°	360°/±90°	360°/±90°	360°/±90°
Table size	mm	380*300	380*300	380*300
Table vertical travel	mm	600	600	600
Swivel angle of table horizontal	°	360°	360°	360°
Table tilt angle	°	±45°	±45°	±45°
Stand table size	mm	417*416	417*416	417*416
Main motor power	kw	0.75(1HP)	1.1(1.5HP)	1.5(2HP)
Main motor speed	rpm	1400	1400	1400
Machine weight	kg	470	480	490
Overall dimension	mm	1000*750*1850	1000*750*1850	1000*750*1850

DVD5032C/ DVD5040C/ DVD5045C Vertical Drilling Machine

SPECIFICATIONS	Units	DVD5032C	DVD5040C	DVD5045C
Max.drilling dia.	mm	32	40	45
Spindle taper	-	MT3 /R8	MT4	MT4
Spindle travel	mm	130	130	130
Spindle speed steps	-	6	6	6
Spindle speed range	50Hz rpm	80-1250	80-1250	80-1250
	60Hz rpm	95-1500	95-1500	95-1500
Distance between spindle nose and table surface	mm	700	700	700
Distance between spindle nose and stand table	mm	1125	1125	1125
Distance from spindle axis to column surface	mm	283	283	283
Spindle box travel	mm	250	250	250
Spindle box swivel angle (horizontal/perpendicular)	°	360°/±90°	360°/±90°	360°/±90°
Table size	mm	730*210	730*210	730*210
Table travel(X/Y)	mm	500*205	500*205	500*205
Table vertical travel	mm	570	570	570
Stand table size	mm	417*416	417*416	417*416
Main motor power	kw	0.75	1.1	1.5
Main motor speed	rpm	1400	1400	1400
Machine weight	kg	510	520	530
Overall dimension	mm	1000*950*1850	1000*950*1850	1000*950*1850



DVD5032/1 / DVD5040/1 / DVD5045/1 Vertical Drilling Machine



SPECIFICATIONS		Units	DVD5032/1	DVD5040/1	DVD5045/1
Max.drilling dia.	mm		32	40	45
Spindle taper	-		MT3/R8	MT4	MT4
Spindle travel	mm		130	130	130
Spindle speed steps	-		6	6	6
Spindle speed range	50Hz	rpm	80-1250	80-1250	80-1250
	60Hz	rpm	95-1500	95-1500	95-1500
Spindle feed steps	-		6	6	6
Spindle feed range	mm/r		0.06-0.30	0.06-0.30	0.06-0.30
Distance between spindle nose and table surface	mm		725	725	725
Distance between spindle nose and stand table	mm		1125	1125	1125
Distance from spindle axis to column surface	mm		290	290	290
Spindle box travel	mm		250	250	250
Spindle box swivel angle (horizontal)	°		360°	360°	360°
Table size	mm		380*300	380*300	380*300
Table vertical travel	mm		600	600	600
Swivel angle of table horizontal	°		360°	360°	360°
Table tilt angle	°		±45°	±45°	±45°
Stand table size	mm		417*416	417*416	417*416
Main motor power	kw		0.75(1HP)	1.1(1.5HP)	1.5(2HP)
Main motor speed	rpm		1400	1400	1400
Machine weight	kg		480	490	500
Overall dimension	mm		1000*750*1850	1000*750*1850	1000*750*1850

DVD5032C/1 / DVD5040C/1 / DVD5045C/1 Vertical Drilling Machine

SPECIFICATIONS		Units	DVD5032C/1	DVD5040C/1	DVD5045C/1
Max.drilling dia.	mm		32	40	45
Spindle taper	-		MT3 /R8	MT4	MT4
Spindle travel	mm		130	130	130
Spindle speed steps	-		6	6	6
Spindle speed range	50Hz	rpm	80-1250	80-1250	80-1250
	60Hz	rpm	95-1500	95-1500	95-1500
Spindle feed steps	-		6	6	6
Spindle feed range	mm/r		0.06-0.30	0.06-0.30	0.06-0.30
Distance between spindle nose and table surface	mm		700	700	700
Distance between spindle nose and stand table	mm		1125	1125	1125
Distance from spindle axis to column surface	mm		290	290	290
Spindle box travel	mm		250	250	250
Spindle box swivel angle (horizontal/perpendicular)	°		360°/±90°	360°/±90°	360°/±90°
Table size	mm		730*210	730*210	730*210
Table travel(X/Y)	mm		500*205	500*205	500*205
Table vertical travel	mm		570	570	570
Stand table size	mm		417*416	417*416	417*416
Main motor power	kw		0.75	1.1	1.5
Main motor speed	rpm		1400	1400	1400
Machine weight	kg		520	530	540
Overall dimension	mm		1000*950*1850	1000*950*1850	1000*950*1850



Vertical Drilling Machine

**DVD5025 / DVD5025B /
DVD5030A / DVD5035A**

Vertical Drilling Machine



SPECIFICATIONS	Units	DVD5025B	DVD5025	DVD5030A	DVD5035A
Max.drilling dia.	mm	25	25	30	35
Diameter of column	mm	100	100	120	140
Spindle travel	mm	150	150	135	160
Distance between spindle nose and table surface	mm	-	630	550	590
Distance between spindle nose and stand table	mm	550	1670	1100	1150
Distance from spindle axis to column surface	mm	225	225	320	330
Spindle taper	-	MT3	MT3	MT4	MT4
Spindle speed range	rpm	100-2900	100-2900	125-3030	125-3030
Spindle speeds steps	-	8	8	12	12
Spindle feed	mm/r	0.07-0.40	0.07-0.40	0.1-0.3	0.1-0.3
Spindle feed steps	-	4	4	3	3
Table size	mm	-	440	500*420	500*440
Table travel	mm	-	560	520	560
Stand table size	mm	690*500	690*500	645*455	645*455
Main motor power	kw	0.75/1.1	0.75/1.1	1.1/1.5	1.1/1.5
Coolant motor power	w	40	40	40	40
Machine weight	kg	235	300	410	430
Overall dimension	mm	780*520*1170	700*560*1820	875*510*2100	875*510*2150

DVD5040A / DVD5050A

Vertical Drilling Machine



VERTICAL DRILLING

SPECIFICATIONS	Units	DVD5040A	DVD5050A
Max.drilling dia.	mm	40	50
Diameter of column	mm	160	180
Spindle travel	mm	200	240
Distance between spindle nose and table surface	mm	590	570
Distance between spindle nose and stand table	mm	1175	1160
Distance from spindle axis to column surface	mm	360	360
Spindle taper	-	MT4	MT4/MT5
Spindle speed range	rpm	52-1400	42-2050
Spindle speeds steps	-	12	12
Spindle feed	mm/r	0.1-0.4	0.07-0.4
Spindle feed steps	-	3	4
Table size	mm	580*460	550*470
Table travel	mm	585	550
Stand table size	mm	730*500	450*440
Main motor power	kw	2.2	2.2/2.8
Coolant motor power	w	40	40
Machine weight	kg	650	1045
Overall dimension	mm	940*680*2405	1080*620*2450

Vertical Drilling Machine

**DVD5125 / DVD5132 /
DVD5140B / DVD5150B**

Vertical Drilling Machine



SPECIFICATIONS	Units	DVD5125	DVD5132	DVD5140B	DVD5150B
Max.drilling dia.	mm	25	32	40	50
Max.feed resistance	N	9000	12000	16000	16000
Max. allowable torque	N.m	160	200	350	350
Spindle taper	-	MT3	MT4	MT4	MT5
Spindle travel	mm	200	200	250	250
Distance between spindle nose and table surface	mm	710	710	750	750
Distance from spindle axis to column surface	mm	280	280	350	350
Spindle box travel	mm	200	200	200	200
Spindle speed range	rpm	50-2000	50-2000	31.5-1400	31.5-1400
Spindle speeds steps	step	9	9	12	12
Spindle feed range	mm/r	0.056-1.8	0.056-1.8	0.056-1.8	0.056-1.8
Spindle feed steps	step	9	9	9	9
Table size	mm	550*400	550*400	560*480	560*480
Table travel	mm	310	310	300	300
Main motor power	kw	2.2	2.2	3	3
Coolant motor power	kw	0.09	0.09	0.09	0.09
Machine weight	kg	1100	1150	1300	1350
Overall dimension	mm	980*807*2302	980*807*2302	1090*900*2530	1090*900*2530

DVD5140B/1 / DVD5150B/1 / DVD5163 / DVD51100

Vertical Drilling Machine



SPECIFICATIONS	Units	DVD5140B/1	DVD5150B/1	DVD5163	DVD5180	DVD51100
Max.drilling dia.	mm	40	50	63	80	100
Max.feed resistance	N	16000	16000	30000	30000	45000
Max. allowable torque	N.m	350	350	800	1000	1150
Spindle taper	-	MT4	MT5	MT5	MT6	MT6
Spindle travel	mm	250	250	250	250	310
Distance between spindle nose and table surface	mm	750	750	800	800	850
Distance from spindle axis to column surface	mm	335	335	375	375	480
Spindle box travel	mm	200	200	250	250	200
Spindle speed range	rpm	31.5-1400	31.5-1400	40-570	40-570	26-320
Spindle speeds steps	step	12	12	9	9	6
Spindle feed range	mm/r	0.056-1.8	0.056-1.8	0.1-0.78	0.1-0.78	0.096-0.717
Spindle feed steps	step	9	9	6	6	6
Table size	mm	800*320	800*320	650*550	650*550	760*650
Table travel(X/Y)	mm	440/300	440/300	-	-	-
Table vertical travel	mm	300	300	300	300	300
Main motor power	kw	3	3	5.5	5.5	7.5
Coolant motor power	kw	0.09	0.09	0.09	0.09	0.09
Machine weight	kg	1300	1350	2500	2600	3500
Overall dimension	mm	1090*905*2530	1090*905*2530	1455*965*2790	1455*965*2790	1465*970*3170

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