



Z5032 / Z5040 / Z5045

Vertical Drilling Machine

SPECIFICATIONS		Unit	Z5032	Z5040	Z5045
Max.drilling dia.	mm		32	40	45
Spindle taper			M.T.3 or R8	M.T.4	M.T.4
Spindle travel	mm		130	130	130
Spindle speed steps			6	6	6
Spindle speed range	50Hz	r.p.m	80-1250	80-1250	80-1250
	60Hz	r.p.m	95-1500	95-1500	95-1500
Min.distance from spindle axis to column	mm		283	283	283
Max.distance from spindle nose to surface	mm		725	725	725
Max.distance from spindle nose to surface	mm		1125	1125	1125
Max.travel of headstock	mm		250	250	250
Swivel angle of headstock (horizontal/perpendicular)	°		360°/±90°	360°/±90°	360°/±90°
Max.travel of worktable bracket	mm		600	600	600
Worktable size of availability	mm		380×300	380×300	380×300
Swivel angle of table horizontally	°		360°	360°	360°
Table leaned	°		±45°	±45°	±45°
Effective working area of stand worktable	mm		417×416	417×416	417×416
Motor Power	KW		0.75(1HP)	1.1(1.5HP)	1.5(2HP)
Speed of motor	r.p.m		1400	1400	1400
N.W/G.W	kg		430/480	432kg/482	435/485
Packing size	mm		1850×750×1000	1850×750×1000	1850×750×1000



Z5032/1 Z5040/1 Z5045/1

Vertical Drilling Machine

SPECIFICATIONS		Unit	Z5032/1	Z5040/1	Z5045/1
Max.drilling dia.	mm		32	40	45
Spindle taper			M.T.3 or R8	M.T.4	M.T.4
Spindle travel	mm		130	130	130
Spindle speed steps			6	6	6
Spindle speed range	50Hz	r.p.m	80-1250	80-1250	80-1250
	60Hz	r.p.m	95-1500	95-1500	95-1500
Step of spindle auto-feeding			6	6	6
Range of spindle auto-feeding amount	mm/r		0.06-0.30	0.06-0.30	0.06-0.30
Min.distance from spindle axis to column	mm		290	290	290
Max.distance from spindle nose to worktable	mm		725	725	725
Max.distance from spindle nose to stand table	mm		1125	1125	1125
Max.travel of headstock	mm		250	250	250
Swivel angle of headstock(horizontal)	°		360°	360°	360°
Max.travel of worktable bracket	mm		600	600	600
Worktable size of availability	mm		380×300	380×300	380×300
Swivel angle of table horizontally	°		360°	360°	360°
Table leaned	°		±45°	±45°	±45°
Effective working area of stand worktable	mm		417×416	417×416	417×416
Motor power	KW		0.75(1HP)	1.1(1.5HP)	1.5(2HP)
Speed of motor	r.p.m		1400	1400	1400
Cooling pump power	KW		0.04	0.04	0.04
N.W/G.W	kg		437/487	442/492	442/492
Packing size	mm		1850×750×1000	1850×750×1000	1850×750×1000

Z5032C / Z5040C / Z5045C

Vertical Drilling Machine

SPECIFICATIONS		Unit	Z5032C	Z5040C	Z5045C
Max.drilling dia.	mm		32	40	45
Spindle taper			M.T.3 or R8	M.T.4	M.T.4
Spindle travel	mm		130	130	130
Spindle speed steps			6	6	6
Spindle speed range	50Hz	r.p.m	80-1250	80-1250	80-1250
	60Hz	r.p.m	95-1500	95-1500	95-1500
Min.distance from spindle axis to column	mm		283	283	283
Max.distance from spindle nose to surface	mm		700	700	700
Max.distance from spindle nose to surface	mm		1125	1125	1125
Max.travel of headstock	mm		250	250	250
Swivel angle of headstock (horizontal/perpendicular)	°		360°/±90°	360°/±90°	360°/±90°
Max.travel of worktable bracket	mm		600	600	600
Table size	mm		730×210	730×210	730×210
Effective working area of stand worktable	mm		417×416	417×416	417×416
Forward and afterward travel of worktable	mm		205	205	205
Left and right travel of worktable	mm		500	500	500
Vertical travel of worktable	mm		570	570	570
Motor Power	KW		0.75	1.1	1.5
Speed of motor	r.p.m		1400	1400	1400
N.W/G.W	kg		430/500	432/502	435/505
Packing size	mm		1850×750×1000	1850×750×1000	1850×750×1000



Z5032C/1 Z5040C/1 Z5045C/1

Vertical Drilling Machine

SPECIFICATIONS		Unit	Z5032C/1	Z5040C/1	Z5045C/1
Max.drilling dia.	mm		32	40	45
Spindle taper			M.T.3 or R8	M.T.4	M.T.4
Spindle travel	mm		130	130	130
Spindle speed steps			6	6	6
Spindle speed range	50Hz	r.p.m	80-1250	80-1250	80-1250
	60Hz	r.p.m	95-1500	95-1500	95-1500
Step of spindle auto-feeding			6	6	6
Range of spindle auto-feeding amount	mm/r		0.06-0.30	0.06-0.30	0.06-0.30
Min.distance from spindle axis to column	mm		290	290	290
Max.distance from spindle nose to surface	mm		700	700	700
Max.distance from spindle nose to surface	mm		1125	1125	1125
Max.travel of headstock	mm		250	250	250
Swivel angle of headstock(horizontal)	°		360°	360°	360°
Max.travel of worktable bracket	mm		600	600	600
Table Size	mm		730×210	730×210	730×210
Effective working area of stand worktable	mm		417×416	417×416	417×416
Forward and afterward travel of worktable	mm		205	205	205
Left and right travel of worktable	mm		500	500	500
Vertical travel of worktable	mm		570	570	570
Motor Power	kw		0.75	1.1	1.5
speed of motor	r.p.m		1400	1400	1400
Cooling pump power	kw		0.04	0.04	0.04
N.W/G.W	kg		437/500	442/502	443/505
Packing size	mm		1850×750×1000	1850×750×1000	1850×750×1000





Z5025

Vertical Drilling Machine

SPECIFICATIONS	Unit	Z5025	Z5025B
Max. Drilling dia.	mm	25	25
Diameter of column	mm	100	100
Spindle travel	mm	150	150
Distance spindle axis to column surface	mm	225	225
Max. spindle nose to table surface	mm	630	/
Max. spindle nose to stand table surface	mm	1670	550
Spindle taper		MT3	MT3
Spindle speed range	r/min	100-2900	100-2900
Spindle speeds steps		8	8
Spindle feed	mm/r	0.07 0.15 0.26 0.40	0.07 0.15 0.26 0.40
Dimension of worktable surface	mm	440	/
Table travel	mm	560	560
Dimension of base table	mm	690x500	690x500
Overall height	mm	1900	1390
Spindle motor power	K w	1.1/0.75	1.1/0.75
Coolant motor	w	40	40
N.W/G.W	kg	290/300	225/235
Packing dimension	cm	70x56x182	78x52x117

Z5025B

Vertical drilling machine



Z5030A / Z5035A

Vertical Drilling Machine

SPECIFICATIONS	Unit	Z5030A	Z5035A	
Max. Drilling dia.	mm	30	35	
Max. Tapping dia.		M18	M20	
Spindle travel	mm	135	150	
Max.distance spindle axis to column surface	mm	315	330	
Max.distance from spindle nose to table surface	mm	520	610	
Max.distance from spindle nose to stand table surface	mm	1080	1150	
Max.travel of worktable and bracket	mm	480	540	
Swivel angle of worktable		+/-45°	+/-45°	
Spindle taper		MT3	MT4	
Spindle speed range	r/min	70-2600	70-2600	
Spindle speed steps		12	12	
Spindle feed range	mm/r	0.1;0.2; 0.3	0.1;0.2; 0.3	
Spindle feed steps		3	3	
Dimension of worktable	mm	450x450	500x550	
Effective working area of worktable	mm	690x480mm	760x500mm	
Effective of T-Slot of table and base plate	mm	2-14 2-16	2-14 2-16	
Diameter of column	mm	125	140	
3-phase two speed AC motor	power	kw	1.0/1.5	1.5/2.2
	voltage	v	220.380.420.440	220.380.420.440
	speed	R/min	960/1450	960/1450
3-phase pump motor	power	kw	0.09	0.09
	voltage	v	220.380.420.440	220.380.420.440
	Flow rate	L/min	6	6
N.W/G.W	kg	440/500	670/730	
Overall dimension	mm	650x1050x1950	700x1150x2150	
Sets/20' container		24	20	



Z5040A / Z5050A

Vertical Drilling Machine



SPECIFICATIONS	Unit	Z5040A	Z5050A	
Max. Drilling dia.	mm	40	50	
Max. Tapping dia.		M24	M24	
Spindle travel	mm	180	180	
Max.distance spindle axis to column surface	mm	360	360	
Max.distance from spindle nose to table surface	mm	600	600	
Max.distance from spindle nose to stand table surface	mm	1215	1205	
Max.travel of worktable and bracket	mm	560	525(410)	
Swivel angle of worktable		+/-45°	+/-45°	
Spindle taper		MT4	MT4	
Spindle speed range	r/min	42-2050	42-1865	
Spindle speed steps		12	12	
Spindle feed range	mm/r	0.07 0.15 0.26 0.40	0.07 0.15 0.26 0.40	
Spindle feed steps		4	4	
Dimension of worktable	mm	580x450	580x450	
Effective working area of worktable	mm	820x550mm	820x550mm	
Effective of T-Slot of table and base plate	mm	2-14 2-16	2-14 2-16	
Diameter of column	mm	160	180	
3-phase two speed AC motor	power	kw	2.2/2.8	2.2/2.8
	voltage	v	220.380.420.440	220.380.420.440
	speed	R/min	960/1450	960/1450
3-phase pump motor	power	kw	0.09	0.09
	voltage	v	220.380.420.440	220.380.420.440
	Flow rate	L/min	6	6
N.W/G.W	kg	740/800	800/860	
Overall dimension	mm	700x2150x2150	700x1150x2150	
Sets/20' container		16	16	

Z5125 / Z5132

Vertical Drilling Machine

SPECIFICATIONS	Unit	Z5125	Z5132
Max drilling dia.	mm	25	32
Max feed resistance	N	9000	12000
Max. spindle allowable torque	N.m	160	200
Spindle taper		MT3	MT4
Distance from spindle axis to column surface	mm	280	280
Spindle travel	mm	200	200
Spindle box travel	mm	200	200
Spindle speed range(steps)	r/min	50~2000(9)	50~2000(9)
Spindle feed range(steps)	mm/r	0.056-1.80(9)	0.056-1.80(9)
Working table travel	mm	310	310
Working table surface size	mm	400x550	400x550
Distance from spindle nose to table surface	mm	710	710
Main motor power	kw	2.2	2.2
Cooling pump flow	L/min	25	25
Weight	kg	1200	1250
Overall dimension	mm	980x807x2302	980x807x2302





Z5140 / Z5150

Vertical Drilling Machine

SPECIFICATIONS	Unit	Z5140	Z5150
Max drilling dia	mm	40	50
Spindle taper		MT4	MT5
Spindle travel	mm	250	250
Spindle box travel(manual)	mm	200	200
Spindle speed range(steps)	r/min	31.5-1400 12 steps	31.5-1400 12 steps
Spindle feed range(steps)	mm/r	0.056-1.80 9 steps	0.056-1.80 9 steps
Table size	mm	560x480	560x480
Table vertical travel	mm	300	300
Max.distance spindle nose to table surface	mm	750	750
Main motor power	kw	3	3
Weight	kg	1300	1350
Overall dimension	mm	1090x905x2465	1090x905x2465



Z5163 / Z5180

Z51100

Vertical Drilling Machine

Z5150 / Z5150B-1

Vertical Drilling Machine

SPECIFICATIONS	Unit	Z5150	Z5150B-1
Max drilling dia	mm	50	50
Spindle taper		MT5	MT5
Spindle travel	mm	250	250
Spindle box travel(manual)	mm	200	200
Spindle speed steps		12	12
Spindle speed range	r.p.m	31.5-1400	31.5-1400
Feed steps		9	9
Feed range	mm/r	0.056-1.80	0.056-1.80
Table size	mm	560x480	800x320
Table longitudinal cross travel	mm	-	450/300
Table vertical travel	mm	300	300
Max distance form spindle nose to table surface	mm	750	750
Main motor power	kw	3	3
Weight	kg	1300	1350
Overall dimension	mm	1090x905x2465	1300x1200x2530



SPECIFICATIONS	Unit	Z5163	Z5180	Z51100
Max drilling diameter	mm	63	80	100
Max feed resistance	N	30000	30000	45000
Max. spindle allowable torque	N.m	800	1000	1150
Spindle taper		MT5	MT6	MT6
Distance from spindle axis to column surface	mm	375	375	480
Spindle travel	mm	250	250	310
Spindle box travel	mm	250	250	300
Spindle speed range (steps)	r/min	40-570 (9 steps)	40-570 (9 steps)	26-320 (6 steps)
Spindle feed range (steps)	r/min	0.1-0.78 (6 steps)	0.1-0.78 (6 steps)	0.096-0.717 (6 steps)
Working table travel	mm	300	300	300
Working table surface size	mm	650x550	650x550	760x650
Distance from spindle nose to table surface	mm	800	800	850
Main motor power	kw	5.5	5.5	7.5
Cooling pump flow	L/min	25	25	25
Weight	kg	2800	3000	3500
Overall dimension	mm	1452x965x2787	1452x965x2787	1465x970x3170