

Pedestal Drilling Machines



Ajax Machine Tools

Machine Tool Exporters to the World

▶▶▶▶▶ Drilling Machines

PEDESTAL DRILLING MACHINES

This range of machines incorporate all geared heads, fully immersed in oil, and are designed for heavy duty, long life operation. The gears in the speed change box are hardened and shaved, and manufactured from the best quality nickel chrome steel. Shafts are splined and ground, and made to close tolerances to ensure perfect alignment and smooth operation. Automatic oiling of all essential moving parts is achieved by an automatic pressure oil pump. All machines, with the exception of the AJ25 and AJ30, are fitted as standard with an automatic feed mechanism which is graduated and can be preset to the desired depth. (Feed optional of AJ25 & AJ30).



Capacity	AJ-25	AJ-30	AJ-32	AJ-35	AJ-40	AJ-50	AJ-60	AJ-70
Drilling capacity in mild steel (mm)	25	30	32	35	40	50	60	70
Spindle taper (morse taper)	3	3	4	4	4	4	5	5
Distance from spindle to column (mm)	250	250	300	300	350	400	420	420
Distance from spindle to table min/max (mm)	0 - 820	0 - 820	70 - 885	70 - 885	70 - 885	70 - 820	75 - 780	70 - 777
Distance from spindle to base max (mm)	1220	1220	1245	1245	1197	1290	1303	1300

TABLE

Rotation of table to head	360°	360°	360°	360°	360°	360°	360°	360°
Tilting of table	180° (opt)	180° (opt)	180° (opt)	180° (opt)	180° (opt)	180° (opt)	180° (opt)	180° (opt)
Table Size (mm)	380 x 400	380 x 400	400 x 420	400 x 420	480 x 480	550 x 550	600 x 600	600 x 600

FEEDS AND SPINDLE

Maximum spindle traverse (hand/power)(mm)	120	120	160	160	180	260	260	300
Number of spindle speeds	8	8	8	8	9	9	12	12
Range of spindle speeds (Rpm)	65 - 3060	65 - 3060	75 - 2100	75 - 2100	93 - 1420	45 - 1115	40 - 1065	35 - 1238
Power feed rates (mm/rev)	Manual (power opt)	Manual (power opt)	0.10 - 0.2 - 0.3	0.10 - 0.20 - 0.30	0.10 - 0.18 - 0.24	0.08 - 0.16 - 0.24 - 0.35	0.05 - 0.10 - 0.15 - 0.20 - 0.35 - 0.5	0.05 - 0.10 - 0.15 - 0.20 - 0.35 - 0.5

BASE / COLUMN

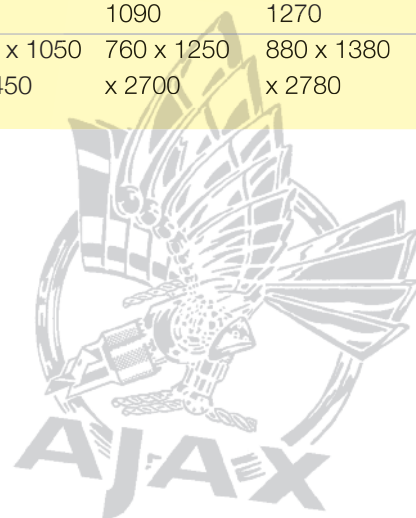
Base size overall (mm)	400 x 655	400 x 655	655 x 492	655 x 492	755 x 480	1060 x 600	730 x 1190	730 x 1190
Column diameter (mm)	110	110	125	125	150	200	220	220

SPEEDS AND MOTORS

Main motor power	1.6Hp (1.2 kW)	1.9Hp (1.4 kW)	1/1.5Hp (1.1kW)	1.2/2Hp (0.9/1.5kW)	2Hp (1.5 kW)	4Hp (3 kW)	5.5 Hp (4.1 kW)	7.5 Hp (5.5 kW)
Coolant pump motor	opt	opt	0.1 Hp (0.075 kW)	0.1 Hp (0.075 kW)	0.1 Hp (0.075 kW)	0.1 Hp (0.075 kW)	0.2 Hp (0.15 kW)	0.2 Hp (0.15 kW)

WEIGHT AND DIMENSIONS

Overall height (mm)	2030	2030	2296	2233	2363	2547	3023	3200
Nett weight (kg)	260	260	292	317	435	900	1040	1150
Gross weight (kg)	310	320	392	417	565	1090	1270	1390
Case dimensions (mm)	600 x 800 x 2266	600 x 800 x 2140	600 x 1000 x 2400	600 x 1000 x 2400	680 x 1050 x 2450	760 x 1250 x 2700	880 x 1380 x 2780	





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