

PREMIER DEEP HOLE DRILLING LTD

MACHINE CAPABILITY

COMPANY OVERVIEW

FACTORY SIZE	35,000 SQ FT
INDEPENDENT APPROVALS	AS9100 AEROSPACE STANDARD, CAA, ISO9001:2000 GENERAL ENGINEERING
CUSTOMER APPROVALS	ROLLS ROYCE& BMW/RR, GOODRICH, MESSIER-DOWTY, GE AVIATION, WESTLANDS, CLAVERHAM, MARSHALLS, BNFL & many more

KNEE DRILLING MACHINES

M/C No.	Drill size øMin	Drill size øMax	Drill depth from one end	Max load	Max Pitch	Max Drop	Table size
12	3mm	38mm	1200mm	0.5 ton	750mm	300mm	610 x 850mm
13	3mm	38mm	1500mm	2 ton	900mm	290mm	800 x 1500mm
14	3mm	38mm	1800mm	4ton (with outriggers)	900mm	290mm	800 x 1500mm
15	3mm	38mm	1200mm	1 ton	900mm	290mm	800 x 1500mm

EJECTOR DRILLS

M/C No. / Type	Min Bore Diameter	Max Bore Diameter	Min Length between Chucks	Max Length between Chucks
Inca	23.5mm	75mm	125mm	1520mm
Craven	23.5mm	55.5mm	250mm	1275mm
HF	23.5mm	55.9mm	100mm	1100mm
Ryozan	23.5mm	200mm	250mm	4000mm
Ryozan	23.5mm	120mm	250mm	2000mm

GUN DRILLS

M/C No. / Type	Drill size ømin	Drill size ømax	Component Length max	R.P.M. max	R.P.M	Low Range
001-1	4mm	25mm	700mm	4160		
001-2	4mm	25mm	700mm	4160		
001-3	8mm	38mm	700mm	2710		300
3A	8mm	38mm	700mm	2710		300
001-5	4mm	25mm	700mm	4160		
001-6	2.5mm	40mm	700mm	5100		
5A	4mm	22mm	400mm	4160		
CZ Strakonice (long bed)	2.5mm	40mm	1.5m x 2	6000		
Mollart (long bed)	8mm	38mm	1.5m x 2	2710		
001-7 twin spindle	2.5mm	9mm	700mm	8000		
001-8 twin spindle	2.5mm	9mm	400mm	8000		300

HONING MACHINES

M/C No. / Type	Min Bore Diameter	Max Bore Diameter	Max Stroke Length
Delapena	10mm	104mm	1000mm
Delapena	10mm	104mm	1000mm
006-1	10mm	104mm	750mm
006-2	10mm	104mm	750mm
Delapena	10mm	104mm	750mm
Barnes	10mm	250mm	4000mm
HAND HONERS			
007-1	2mm	70mm	
Sunnen	2mm	70mm	
Sunnen	2mm	70mm	
Sunnen (strokers)	15mm	70mm	160mm
Sunnen (strokers)	15mm	70mm	160mm

LATHES CNC

M/C Type	Turned length	RPM	Turned dia
Daewoo 2500SY 6-axis	580mm	3500	330mm
Yamazaki	1090mm	3000	250mm
Haas SL30	860mm	3500	250mm
Mori-seiki	450mm	6000	210mm
Taurus	900mm	2500	380mm
Haas SL 30	860mm	3500	250mm
Haas SL 30L Long Bed large bore	1525mm	2400	400mm
BSA VT40	4000mm	2000	880mm

Bar Feed

Bar Feed

LATHES MANUAL

Harrison	1500mm	1600	320mm
Viking	1500mm	2000	300mm
Viking	1500mm	2000	300mm
Mascot (Colchester)	1500mm	1600	500mm
Colchester	600mm	2000	150mm
Colchester	600mm	2000	150mm
Colchester	600mm	2000	150mm
Colchester (with copy unit)	1200mm	2000	150mm

MILLING MACHINES

M/C Type	X	Y	Z	RPM
HAAS TM1	760mm	305mm	406mm	400rpm
Bridgeport	750mm	300mm	400mm	

GRINDERS

TYPE		Magnetic base size	Length Between centre's
Jones & Shipman Surface Grinder		18" x 6"	
Myford Cylindrical			400mm
Jones and Shipman 1076ES			700mm