

**PREMIER DEEP HOLE DRILLING LTD**  
**MACHINE CAPABILITY**

web: [www.premier-drilling.co.uk](http://www.premier-drilling.co.uk)  
 phone: 01727 825031

**COMPANY OVERVIEW**

FACTORY SIZE	35,000 SQ FT
INDEPENDENT APPROVALS	AS9100 Rev C AEROSPACE STANDARD, CAA, ISO9001:2008 GENERAL ENGINEERING
CUSTOMER APPROVALS	ROLLS ROYCE & BMW/RR, GOODRICH/UTC, MESSIER-DOWTY, GE AVIATION, MOOG WESTLANDS, CLAVERHAM, MARSHALLS, IPECO & many more

**EJECTOR DRILLS**

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

**GUN DRILLS**

M/C No. / Type	Drill size $\phi$ min	Drill size $\phi$ max	Component Length max	R.P.M. max	R.P.M Low Range
TBT M-02-2000	5mm	50mm	2000mm		
CZ Strakonice (long bed)	2.5mm	40mm	1.5m x 2	6000	
Mollart (long bed)	8mm	38mm	1.5m x 2	2710	
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	
001-7 twin spindle	2.5mm	9mm	700mm	8000	
001-8 twin spindle	2.5mm	9mm	400mm	8000	300

## **KNEE DRILLING MACHINES**

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

## **HONING MACHINES**

<b>M/C No. / Type</b>	<b>Min Bore Diameter</b>	<b>Max Bore Diameter</b>	<b>Max Stroke Length</b>
OTW-2000 1	25mm	150mm	2000mm
OTW-2000 2	25mm	150mm	2000mm
Delapena	10mm	104mm	1000mm
Delapena	10mm	104mm	1000mm
006-1	10mm	104mm	750mm
006-2	10mm	104mm	750mm
Delapena	10mm	104mm	750mm
Sunnen CV515	10mm	300mm	350mm
Sunnen EC3500	10mm	70mm	160mm

### **HAND HONERS**

007-1	2mm	70mm	
Sunnen	2mm	70mm	
Sunnen	2mm	70mm	
Sunnen (stokers)	15mm	70mm	160mm
Sunnen (stokers)	15mm	70mm	160mm

## **CNC LATHES**

<b>M/C No. / Type</b>	<b>Turned length</b>	<b>RPM</b>	<b>Turned dia</b>	
Doosan Puma LB 400L	2100mm	2000	550mm	
Haas SL 30L Long Bed large bore	1525mm	2400	400mm	
BSA VT40	4000mm	2000	880mm	
Haas SL30	860mm	3500	250mm	Bar Feed
Haas SL 30	860mm	3500	250mm	

## **CNC MILL/TURN**

<b>M/C No. / Type</b>	<b>Turned length</b>	<b>RPM</b>	<b>Turned dia</b>	<b>Y-Axis</b>	
Doosan Puma 2500SY 6-axis	580mm	3500	330mm	165mm	Bar Feed
Doosan Puma 3100 XLY	2100mm	2000	550mm	165mm	

## **CNC MILLING MACHINES**

<b>M/C No. / Type</b>	<b>X</b>	<b>Y</b>	<b>Z</b>	
Doosan DNM750L	2170mm	760mm	650mm	Full 4th axis
Cincinatti Arrow	1020mm	510mm	510mm	Pnuematic 4th axis
Cincinatti Arrow	1020mm	510mm	510mm	
XYZ Minimill 560	560mm	400mm	500mm	
HAAS TM1	760mm	305mm	406mm	
Bridgeport	750mm	300mm	400mm	

## MANUAL LATHES & MILLS

M/C No. / Type	X	Y	Z
Harrison	1500mm	1600	320mm
Viking	1500mm	2000	300mm
Viking	1500mm	2000	300mm
Mascot (Colchester)	1500mm	1600	500mm
Colchester	600mm	2000	200mm
Colchester	600mm	2000	150mm
Colchester	600mm	2000	150mm
Colchester (with copy unit)	1200mm	2000	150mm
BSA C6256	2000mm	1600	350mm
Giddings and Lewis Endomatic	1700mm		203mm

## GRINDERS

M/C No. / Type		Magnetic base size	Length Between centre's
Jones & Shipman Surface Grinder		18" x 6"	
Jones and Shipman 1076ES			700mm
Jones and Shipman Internal			

## CMM INSPECTION

M/C No. / Type	X	Y	Z
Johansson	2000	1200	600
Mititoyo	1000	150	159