

Oldham Engineering

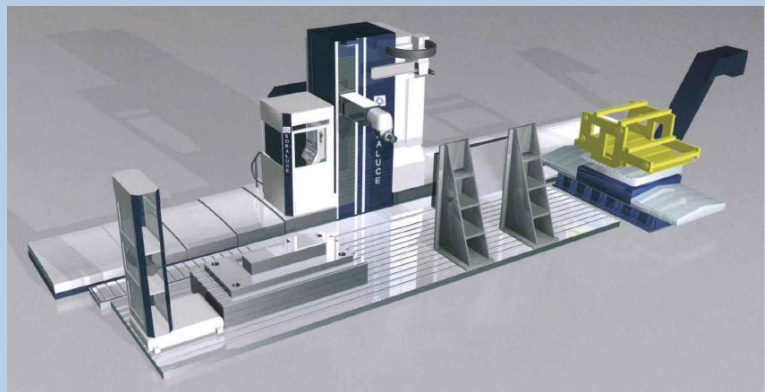
Capacity List (2012)

NEWSFLASH

New Sorulace: 10 Metre Travel
Floor Borer now in Production

Features

- X Travel 10,000mm
- Y Travel 2,600mm
- Z Travel 1,500mm
- Full Orthogonal Head
- Through Coolant
- 4,000 RPM



FLOOR BORERS

Plant no.	Make & Type	Facing Head Ø	Facing Travel Horizontal (x)	Max Height to Centre of Head (y)	Min Height to Centre of Head	Horizontal Travel from Tool (z)	Bed/Table Size	Spindle Details	Location
FB11	CNC Union	800mm	5500mm	2000mm	0 above table	440mm	2000mm x 1800mm	No. 50 International	Bay 1
FB01	Soraluce FPI0000	n/a	10000mm	2600mm	686mm	1500mm	Bed 1341mm x 3048mm Table 2515mm x 1981mm	No. 50 International Full Orthogonal head Through Coolant	Bay 1
FB16	CNC Asquith 5RM	1423mm	7925mm	3404mm	356mm	1829mm	Table 6096mm x 4572mm Rotary 2439mm x 2439mm	153mmØ No.50 International	Bay 1

HORIZONTAL BORERS

Plant no.	Make & Type	Facing Head Ø	Facing Travel Horizontal (x)	Max Height to Centre of Head (y)	Min Height to Centre of Head (y)	Horizontal Travel from Tool (z)	Bed/Table Size	Spindle Details	Location
HB10	CNC Heckert Union	760mm	2762mm	2400mm	0mm above table	2000mm	2000mm x 1800mm	130mm Ø No.50 International	Bay 1
HB14	Giddings & Lewis	610mm	1524mm	1028.7mm above rotary table	0mm above rotary table	1753mm	Table 1219mm x 1880mm Rotary Table 1219mm x 1219mm	102mm Ø No.50 International	Bay 4
HB17	Kearns Richards	1200mm	2470mm	1900mm	0mm above table	1650mm	1500mm x 1500mm	125mm Ø No.50 International	Bay 4

VERTICAL BORERS

Plant no.	Make & Type	Max Height Table to Cross Slide	Max Height Table to Toolbox	Diameter	Distance Between Pillars	Remarks	Location
VB01	You Ji	1470mm	1200mm	2000mm	NONE	Bore, drill & Mill CNC Driven Tools	Bay3
VB02	Hankook	-	1400mm	1600mm	None	Bore, drill & Mill CNC Driven Tools	Bay3
VB04	Webster Bennett	610mm	1030mm	1370mm	NONE	5 Position Turret Head 965mm Travel	Bay 3
VB07	Webster Bennett	1590mm	1590mm	2100mm	NONE	5 Position Turret Head 965mm Travel	Bay 3



Capacity List



CENTRE LATHES

Plant no.	Make & Type	Max Length of Job	Diameter over Slide	Diameter over Carriage	Gap D x W	Spindle Bore Diameter	Screw Cutting Capacity	Chuck Size Diameter	Remarks	Location
NT24	CNC Harrison CAD/CAM	3000mm	554mm	370mm	216mm	100mm	CNC	3 Jaw 315mm 3 Jaw Super Precision 405 4 Jaw Super Precision 460	3 Point roller steady 235 capacity 3 point roller steady 385 capacity	Bay 2

NUMERICALLY CONTROLLED DRILLS

Plant no.	Make & Type	Max Height	Table Area	Transverse Travel	Longitudinal Travel	Location
ND18	Richmond	813mm	1823mmx915mm	915mm	1372mm	Bay 3

RADIAL ARM & PORTABLE DRILLS

Plant no.	Make & Type	Max Radial Swing	Max Height Base Plate to Spindle	Max Height Table to Spindle	Remarks	Location
DR14	Asquith Radial Arm	2438mm	2337mm	1727mm		Bay 4
DR09	Asquith Portable	1524mm				Bay 4

CNC MILLING

Plant no.	Make & Type	Table	Vertical Travel	Horizontal Travel	Ram Cross Travel	Location	Remarks
EL01	CNC Butler Elgamill HE4	10000mm x 1100mm	1950mm	8200mm	1000mm	Bay 2	Rotary 4 th Axis Max Swing Ø600mm Capacity 400Kg Rotary 4 th Axis Max Swing Ø1000mm Capacity 7000Kg
VMC01	Eagle 1300	1450mm x 570mm Load 1200kg	(Z)635mm	(Y)635mm	(X)1300mm	Bay 3	Rotary 4 th Axis, Ø250 40INT – 8000RPM Thru Coolant

PLANERS

Plant no.	Make & Type	Stroke	Table Length	Table Width	Max Height	Max Width between Columns	Side Boxes	Location
PL01	WALDRICH	7925mm	8992mm	2235mm	2438mm	2540mm	1	Bay 1

SLOTTERS

Plant no.	Make & Type	Vertical Stroke	Horizontal Traverse	Table	Reach over table from RAM face	Max Depth of Gap slotted	Height over Table	Location
SL05	Fromag Keyseater	0mm – 661mm		610mm – 407mm	For bore sizes 12.7mm – 190.5mm			Bay 3



3 AXIS CO-ORDINATED MEASURING MACHINE

Plant no.	Make & Type	Max Length	Max Width Slide	Max Height Carriage	Remarks	Location
CMM1	Crown 2000	3000mm	1600mm	1900mm	Fitted with Renishaw manual indexing head, hard copy readout and graphics	Bay 3
CMM2	FARO ARM	2500mm	2500mm	1250mm	Capable of measuring from Solid Models	Portable

BAYS & LIFTING CAPACITIES

Bay	Description	Lifting	Size
1	Heavy Machining	1-30 Ton 1-5 Ton	61m x 16.8m
2	Medium Machining/Inspection Bay	1-20 Ton 1-6 Ton	65.5m x 9.4m
3	Medium Machining Bay	1-20 Ton 1 Ton	65.5m x 9.4m
4	Horizontal Boring Assembly Bay	1-25 Ton 1-20 Ton 1-10 Ton	75m x 16.1m
5	Fabrication Shop	1-20 Ton +5 Ton AUX	48.8m x 11.9m
6	Fabrication Shop	1-5 Ton	25m x 13.4m
7	Fabrication Shop	1-5 Ton	36.6m x 9.8m

FABRICATION DEPARTMENT

LIFTING CAPACITY	25 Tonnes (Single lift)
WELDING	MMA, FCW, TIG, MIG, SMAW, Semi-Automatic Welding
CAPABILITIES	Batch Production Work and Bespoke Fabrications Thin and Thick Plate Fabrications Welding to BSEN, ASME and Norsok Standards
MATERIALS	Carbon Steel Stainless Steel Duplex and Super Duplex Steel

