



CLARKE CHAPMAN  
MANUFACTURING

AREA 3.581 HECTARES

Works	1.620
External area	1,850
Offices	0.111

WORKSHOPS (metres)

Machine Shop

length	167
width	23.50
sq metres	3935
cranes tonnes	3 x 10
ht. below hook	8.50

Fitting Shop

length	213
width	23.50
sq metres	5008
cranes tonnes	4 x 10
ht. below hook	8.00

Fitting Shop

length	122
width	18
sq metres	2228
cranes tonnes	2 x 50, 1 x 10
ht. below hook	15.25

TEST FACILITIES

Testing facilities are available for load, mechanical, electrical and hydraulic tests

EXTERNAL AREA

1.85 HECTARES

Adjacent to the workshops and available for assembly and test of major assemblies.

Clarke Chapman Group Machine Capacity List

PLANO MILL

- Noble & Lund Plano Mill  
Conventional with DRO. 17ft(5100mm) table x 14ft(4260mm) wide between columns x 2100mm height under bridge.  
One Top and two side heads  
Right angle head attachment

HORIZONTAL BORERS

- Asquith 5RM Moving Column Ram Borer  
CNC Fagor Control System.  
4570mm cross travel, 3000mm vertical travel. 10ft square rotary table.  
Facing head and right angle head attachments.
- Kearns Richards NC125 Table Borer  
CNC GE 1050 Control System.  
2380mm cross travel, 1400 vertical travel and 1600mm travel table. Integral CNC facing head. Integral rotary head.  
Right angle head attachment.
- Kearns Richards SF125 Table Borer  
CNC Heidenhien TNC 35 Control System.  
2200mm cross travel, 1800mm vertical travel and 1600mm table travel. Integral facing head and rotary table.  
Universal head attachment.
- Giddings & Lewis A130T Table Borer  
CNC G&L M400 Control System.  
2110mm cross travel, 1930mm vertical travel and 1095mm table travel. Integral facing head. Various air lift rotary tables.  
Right angle head attachment.
- Giddings & Lewis PC40I Table Borer  
CNC G&L 800M Control System.  
1830mm cross travel, 1371mm vertical travel and 1376mm table travel. CH8 contouring head attachment. Various air lift rotary tables.  
Right angle head attachment.
- Giddings & Lewis PC40I Table Borer  
CNC G&L 800M Control System.  
1500mm cross travel, 1830mm vertical travel and 1676mm table travel. CH16 contouring head attachment. Integral CNC indexing rotary table.  
Right angle head attachment.
- Giddings & Lewis B130-T Table Borer  
Conventional with DRO.  
1500mm cross travel, 1371mm vertical travel and 2527mm table travel. Integral facing head. Air lift rotary table.  
Right angle head attachment.

### MACHINING CENTRES CNC

- 1 Mori Seiki MV-80B Vertical Machining Centre  
Fanuc 15M Control System.  
X axis 2032mm travel, Y axis 1016mm travel & Z axis 860mm travel.
- 2 Yamazaki Power Centre V15 Vertical Machining Centre  
Fanuc 6MB Control System.  
X axis 1020mm travel, Y axis 510mm travel & Z axis 550mm travel.
- 3 Fadal VMC 4020 Vertical Machining Centre  
Fadal Control System.  
X axis 1016mm travel, Y axis 508mm travel & Z axis 550mm travel.
- 4 Cincinnati Cim-X Horizontal Machining Centre  
Fagor Control System.  
1830mm cross travel, 1016mm vertical travel and 860mm column travel.  
Integral rotary table.

### VERTICAL BORERS

- 1 Webster & Bennett 10ft Vertical Borer  
Conventional with DRO.  
10ft dia. chuck. 3720mm dia. max. swing x 2134mm height under cross rail.
- 2 Utita 1500 CNC Vertical Borer  
Fagor Control System.  
1500mm dia. chuck. 1800mm dia. max. swing x 1150mm height under cross rail.
- 3 Webster & Bennett 10ft Vertical Borer  
Conventional with DRO & copy attachment.  
58" dia. chuck. 1600mm dia. max. swing x 1800mm height under toolpost.
- 4 Webster & Bennett 58" Vertical Borer  
Conventional with DRO.  
58" dia. chuck. 1600mm dia. max. swing x 1500mm height under toolpost.

### LATHES CNC

- 1 Gildemeister MDW 33 Centre Lathe. Fagor Control System.  
900mm dia. swing over bed. 640mm dia. over saddle x 4000mm between centre.
- 2 Yamazaki Power Master Centre Lathe. Fanuc Control System.  
770mm dia. swing over bed. 450mm dia. over saddle x 4000mm between centre.
- 3 Yamazaki M4 Centre Lathe. Fanuc Control System.  
500mm dia. swing over bed. 300mm dia. over saddle x 1500mm between centre.
- 4 Mori Seiki TL5 Centre Lathe. Fanuc Control System.  
500mm dia. swing over bed. 400mm dia. over saddle x 2000mm between centre.

### LATHES CONVENTIONAL

- 1 Noble & Lund Centre Lathe.  
8ft dia. chuck x 4.2m between centres.
- 2 Dean Smith & Grace 25 x 96 Centre Lathe  
700mm dia. swing over bed. 400mm dia. over saddle x 2400mm between centres.
- 3 Dean Smith & Grace 21 x 68 Centre Lathe  
580mm dia. swing over bed. 300mm dia. over saddle x 4200mm between centres.
- 4 Dean Smith & Grace 18" Centre Lathe  
500mm dia. swing over bed. 250mm dia. over saddle x 1200mm between centres.
- 5 Dean Smith & Grace 17" Centre Lathe  
400mm dia. swing over bed. 200mm dia. over saddle x 1000mm between centres.

### MISCELLANEOUS MACHINES

- 1 Asquith Radial Arm Drilling Machine  
9ft arm x 1800mm height over 3m square pit x 1800mm deep.
- 2 Kitchen & Walker Radial Arm Drilling Machine. 5ft arm x 1500mm height.
- 3 Butler 21" Slotter. 530mm stroke, 915mm throat, 1140mm dia. table.
- 4 Butler 6" Slotter
- 5 Parkson 3N Universal Milling Machine
- 3 Herbert No 4 Pre-op Capstan Lathe
- 4 Harrison M400 Centre Lathe
- 8 Alexander Triple 12 Horizontal Bandsaw
- 9 Fendo Horizontal Bandsaw
- 10 Lumsden 4ft Rotary Table Surface Grinder with magnetic table.

### CO-ORDINATE MEASURING MACHINE

LK G80 Gantry Style CNC Measuring Machine  
2470mm x 1070mm x 1170mm

