

# LH QUARRY PLANT LTD & LH MACHINING SERVICES



Earlsway, Teesside Industrial Estate,  
Thornaby, Cleveland. TS17 9JU  
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## Machine Parameters For LH Quarry Plant

REVISED 28/01/2016

### CNC Vertical Machining Centre

| Huron EX                  |          |             |
|---------------------------|----------|-------------|
| S/N 22435                 | Spindle  | KEN SK63A   |
| LHQP Asset No 29          | Axis     | 5           |
| Siemens Sinumerik Control | Table    | 800 x 700mm |
|                           | X Travel | 2400mm      |
|                           | Y Travel | 700mm       |
|                           | Z Travel | 800mm       |

### CNC Lathes

| Wohlenberg VDF 1270S      |                          |          |
|---------------------------|--------------------------|----------|
| S/N 2579                  | Swing over saddle        | Ø1050    |
| LHQP Asset No 25          | Max swing over bed       | Ø2500mm  |
| Siemens Sinumerik Control | Distance between centres | 5000mm   |
|                           | Chuck                    | Ø1200 mm |
|                           | Max Ø in steady          | Ø1270mm  |
| Moving Headstock          | Swing in gap             | Ø2500mm  |
|                           | Gap length               | 900mm    |

| XYZ SLX5553M   |                          |        |
|----------------|--------------------------|--------|
| S/N SLM00017   | Swing over saddle        | Ø350mm |
| LH Asset No 24 | Max swing over bed       | Ø555mm |
|                | Distance between centres | 3000mm |
|                | Chuck                    | Ø350mm |
|                | Max Ø in steady          | Ø400mm |

| Doosann S670L |                          |         |
|---------------|--------------------------|---------|
| S/N SLM00017  | Swing over saddle        | Ø670mm  |
|               | Max swing over bed       | Ø1000mm |
|               | Distance between centres | 1800mm  |
|               | Chuck                    | Ø600mm  |

### CNC Elgamill

| Elgamill Hi-Power HD30 |            |               |
|------------------------|------------|---------------|
| Heidenhain 310 control | 3 Axis     |               |
| LH Asset No 21         | Spindle    | 50 INT        |
|                        | Table size | 8000 x 1200mm |
|                        | X Travel   | 6000mm        |
|                        | Y Travel   | 1400mm        |
|                        | Z Travel   | 900mm         |



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## Manual Centre Lathe

| Russian        |                          |        |
|----------------|--------------------------|--------|
| S/N            | Swing over saddle        | Ø370mm |
| LH Asset No 32 | Max swing over bed       | Ø700mm |
|                | Distance between centres | 1500mm |
|                | Chuck                    | Ø400mm |
|                | Max Ø in steady          | Ø350mm |

## Radial Arm Drills

| Csepel RFH 100   |                  |               |
|------------------|------------------|---------------|
| S/N 77072        | Spindle          | 6 Morse Taper |
| LHQP Asset No 13 | Arm Length       | 2800mm        |
|                  | Height under Arm | 1800mm        |

| Mostana 2A554  |                  |               |
|----------------|------------------|---------------|
| S/N 9015       | Spindle          | 5 Morse Taper |
| LH Asset No 12 | Arm Length       | 1800mm        |
|                | Height under Arm | 1500mm        |

## Milling

| Butler Elgamill  |            |               |
|------------------|------------|---------------|
| Type CS10        | 3 Axis DRO |               |
| LHQP Asset No 20 | Spindle    | 50 INT        |
|                  | Table size | 1200 x 4300mm |
|                  | X Travel   | 2200mm        |
|                  | Y Travel   | 1200mm        |
|                  | Z Travel   | 700mm         |

## Spindle Borers

| Giddings and Lewis |            |               |
|--------------------|------------|---------------|
| Type DP4T          | 3 Axis DRO |               |
| Serial No 150-1391 | Spindle    | 50 INT        |
| No 7               | Table size | 2490 x 1200mm |
|                    | X Travel   | 2154mm        |
|                    | Y Travel   | 1837mm        |
|                    | Z Travel   | 2700mm        |

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## Horizontal Borer

| Defum ADS 115  |                                 |               |
|----------------|---------------------------------|---------------|
| DRO            | 360 Degree Powered Rotary Table |               |
| S/N 07.08-7177 | Spindle                         | 50 INT        |
| LH Asset No 22 | Table size                      | 1600 x 1400mm |
|                | X Travel                        | 2000mm        |
|                | Y Travel                        | 2000mm        |
|                | Z Travel                        | 2000mm        |
|                | Spindle travel                  | 850mm         |
|                | Spindle Ø                       | Ø115mm        |
|                | Maximum Facing Ø                | Ø1000mm       |

## Vertical Borers

| Webster Bennet |                   |         |
|----------------|-------------------|---------|
| S/N 4870       | Table             | Ø1500mm |
| LH Asset No 15 | Max swing         | Ø1700mm |
|                | Height under rail | 1000mm  |

| Richards Twin Column |                      |         |
|----------------------|----------------------|---------|
| LH Asset No 18       | Table                | Ø2440mm |
|                      | Max swing            | Ø2640mm |
|                      | Height under rail    | 1520mm  |
|                      | Max Workpiece height | 1650mm  |

## Slotter

| Butler         |                     |         |
|----------------|---------------------|---------|
| S/N 24885      | Stroke length       | 533mm   |
| LH Asset No 11 | Table               | Ø1000mm |
|                | Height under column | 800mm   |
|                | Maximum Work Ø      | Ø2000mm |

## Horizontal Press

| Enerpac        |                        |          |
|----------------|------------------------|----------|
| LH Asset No 23 | Pressure               | 680 Tons |
|                | Capacity Length        | 3500mm   |
|                | Centre of ram to floor | 850mm    |

## Bandsaw

| MACC Special 650 DI |                             |             |
|---------------------|-----------------------------|-------------|
| s/n 72466           | Max cut Ø                   | Ø490mm      |
| LH Asset No 34      | Max cut rectangular section | 620 x 490mm |

