

PNEUMATIC, HYDRAULIC & LUBRICATION CIRCUIT

The flow sensor for the tailstock is there to put the machine in feed hold whilst the quill is moving.

| HARDINGE PART No. | KEY | QTY | DESCRIPTION |
|-------------------|-----|-----|------------------------|
| HE 1504 | 1 | 1 | Filter Reg. Lubricator |
| HE 1678 | 2 | 2 | Pressure Switch |
| HE 1683 | 3 | 3 | Double Solenoid Valve |
| HE 1682 | 4 | 5 | Single Solenoid Valve |
| NC 11802 | 5 | 1 | Check Valve |
| LH 10646 | 6 | 1 | Fra -O Metering Unit |
| NT 10779 | 7 | 1 | Regulator |
| HE 1786 | 8 | 1 | Flow Control |
| NT 11736 | 9 | 1 | Flow Switch |
| HE 1914 | 10 | 2 | Pressure Gauge |
| AH 10779 | 11 | 3 | Regulator |
| NC 11801 | 12 | 1 | Restrictor |
| AM 11452-2 | 13 | 2 | Check Valve |
| RF 10779-L | 14 | 1 | Lubricator |
| HE 1505 | 15 | 2 | Flow Control |
| CC 9332 | 16 | 1 | Air Motor |
| CC 11335 | 17 | 1 | Muffler |
| CC 3325 | 18 | 1 | Hydraulic Pump |
| CC 3048 | 19 | 1 | 4 Way Valve |

| OPERATION | CC | CO | TI | TO | PC | TI | SPO | STI | STD | AM | VS |
|------------------|----|----|----|----|----|----|-----|-----|-----|----|----|
| CC Close | + | - | | | | | | | | | |
| CC Open | - | + | | | | | | | | | |
| Tailstock In | | | + | - | | | | | | | |
| Tailstock Out | | | - | + | | | | | | | |
| Part Chute | | | | | + | | | | | | |
| Turret Index | | | | | | - | | | | | |
| Sp. Lock Pin Out | | | | | | | - | | | | |
| Stop Piston In | | | | | | | | + | - | | |
| Stop Piston Out | | | | | | | | - | + | | |
| Air Motor | | | | | | | | | | + | |
| Vert. Slide In | | | | | | | | | | | + |

