

[REDACTED]

[REDACTED]

## SCOPE OF SUPPLY

ITEM 1. QTY 1. **MOLLART LD DRILLSPRINT DEEP HOLE DRILLING MACHINE** to specification described and as illustrated at our web site <http://mollart.com/featured/drillsprint-light-duty>

**Gundrilling Diameter Twin Spindle : Ø2mm-Ø16mm**  
**Maximum Drilling Depth Capacity : 750mm**

**STANDARD HIGH PRESSURE COOLANT SYSTEM  
CONSISTING OF:-**

2 Chip Trays  
Filtration by a single cartridge filter unit for 20 Micron  
Coolant Pump max flow 66 litres / min and max pressure 110 BAR  
System Capacity: 1000 Litres

**MACHINE GUARDS** All enclosing Sliding Access Perimeter Guarding with electrical safety interlocks.

[REDACTED]

Fixtures and Tooling at extra cost. Autoloading on application.



## MACHINE OPTIONS

ITEM 2. QTY 1.



**TAILSTOCK COMPONENT ROTATION WITH HYDRAULIC CLAMPING** to counter rotate work piece to spindle rotation giving straighter bores - complete to accept optional Cone Locators, Manual or Power Chucking. This option includes hydraulic power pack and valving to suit.



ITEM 3. QTY 2.



**AUTO LATCHING TRAVELLING WHIPGUIDE UNIT** to maintain drill tube support during drilling. Options to go to a maximum of three units with one unit required for each 40 x diameter of unsupported tool length.



ITEM 6. QTY 1.



**CHIP CONVEYOR** fitted as alternative to Chip Trays. Available as magnetic or scraper type unit dependant upon application. Please state at time of order.



ITEM 7. QTY 1.



**SECOND CARTRIDGE FILTER** mounted in duplex to allow the filter to be replaced while the machine is running.



ITEM 8. QTY 1.

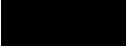


**MICROMAG COMPACT MAGNETIC FILTER** Includes the Micromag cleaning post for fine filtration with one minute cleaning, featuring high magnetic forces that attract even a sub-micron sized particle ensuring that even the dirtiest of fluids are thoroughly treated prior to it being used.



ITEM 10. QTY 1.

**REFRIGERATED OIL COOLER** recommended for maintaining stable coolant temperature in long shift operation. Unit will include tank mounted heat exchanger and necessary fittings.



## **MOLLART DRILLSPRINT** **DEEP HOLE DRILLING MACHINE**

Number of Spindles	: 1 or 2 ( <b>other options available</b> )
Gundrilling Diameter Range	: Ø2mm - Ø22mm Single Spindle Ø2mm - Ø16mm Twin Spindle
Maximum Drilling Depth	: 750 or 1200 or 1500 mm
Spindle Nose Bore	: Ø25mm (Collet Type)
Spindle Centre Height from Table	: 200mm
Control System	: Fanuc '35i B'
Mollart Software Including monitoring	: Spindle & feed power, & coolant pressure
A.C. Spindle Motor Power	: 7.5kW Continuous
(A.C. Motor Infinitely Variable)	0 - 10,500 RPM
Drill Feed Range (A.C. Infinitely Variable)	: 0 – 1000 mm per minute
Rapid Traverse Speed	: 10 Metres per minute
Feed Motor Power (Stall Torque)	: 6 Nm
Max. Workpiece Diameter with Chuck on Work Rotation Option	: Ø70mm (External Jaws) Ø32mm (Bore Size)
Max. Workpiece Diameter with Cone Locator System on Work Rotation Option	: Ø72mm
Tool kit to comprise of	: Set of spindle spanners.
Work Rotation Speed	: 60 RPM
Work Rotation Motor	: 0.55 kW
Floor Area of Machine	: 3000 x 1500mm (750mm std)
Weight of Machine	: 3500 Kg (750mm std)
Electrical Supply	: 400 Volts, 3 Ph, 50 Hertz. (European Market) : 460Volts, 3 Ph, 60 Hertz (American Market)
Control Voltage	: 24 Volts DC
Rated Supply Current	: 63 Amps