

Specification

Distance spindle centre to floor	1150mm
Maximum admitted diameter	500mm
Honing spindle rotation speed variable (2 ranges)	10-300rpm
Honing head travel speed	0-35mt/min
Honing spindle rotation motor	7.5kW
Hydraulic power pack motor	15kW
Head expansion power pack motor	0.75kW
Coolant pump motor	0.75kW

Lyor 40M

Minimum maximum bore diameter	20-400mm
Maximum tube length	2000mm
Maximum honing head stroke	3000mm
Number of steady rests for honing head extension	#1

Lyor 40-20M

Minimum maximum bore diameter	20-400mm
Maximum tube length	3000mm
Maximum honing head stroke	4000mm
Number of steady rests for honing head extension	#1

Lyor 40-30M

Minimum maximum bore diameter	20-400mm
Maximum tube length	4000mm
Maximum honing head stroke	5000mm
Number of steady rests for honing head extension	#2

Lyor 40-40M

Minimum maximum bore diameter	20-400mm
Maximum tube length	5000mm
Maximum honing head stroke	6000mm
Number of steady rests for honing head extension	#2

Lyor 40-50M

Minimum maximum bore diameter	20-400mm
Maximum tube length	6000mm

Lyor 40-60M

Maximum honing head stroke	7000mm
Number of steady rests for honing head extension	#2
Lyor 40-70M	
Minimum maximum bore diameter	20-400mm
Maximum tube length	7000mm
Maximum honing head stroke	8000mm
Number of steady rests for honing head extension	#2

Standard Equipment

Pair of prisms for tube clamping

1 rest for honing head extension

1 travelling rest for honing head extension for machines with honing stroke more than 4m

Machine Features

Bed in normalised electro-welded steel with oversized guides in high resistance steel

Head guides covered with anti-friction material

Head in normalised electro-welded steel

Gear box is oil bathed. The gear box permits a major coupling at low speed

Spindle motor variable with vector inverter

Manual clamping prisms

Hydraulic expansion system with infinitesimal regulation of the stone pressure

Cooling installation with pump and tank with possibility to apply a depuration system

Electric and electronic components are closed inside an electric cabinet with protection IP55

Control panel contains all push buttons

PLC permits working in both automatic and manual

Hydraulic power pack is separate from the machine