Specifications	Lyor 40S
Distance spindle centre to floor	1150mm
Maximum chuck diameter	500mm
Maximum admitted diameter	500mm
Component rotation speed variable (2 ranges)	10-150rpm
Honing spindle rotation speed variable (2 ranges)	10-300rpm
Honing head travel speed	0-35mt/min
Tube rotation motor	15kW
Honing spindle rotation motor	15kW
Hydraulic power pack motor	18.5kW
Head expansion power pack motor	0.75kW
Coolant pump motor	0.75kW
	Lyor 40-20S
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 40-30S
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 40-40S
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 40-50S
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 40-60S
Minimum maximum bore diameter	20-400mm
Maximum tube length	6000mm
Maximum honing head stroke	7000mm
Number of steady rests for honing head extension	#2
	Lyor 40-70S
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

Self centring chuck with hydraulic 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

Movable head guides covered with anti-friction material

Workhead and movable head in normalised electro-welded steel

Gear boxes of both spindles are oil bathed. The gearbox permits a major coupling at low speed

Movable head spindle and workhead spindle motors are variable with vector inverter

Hydraulic clamping self centring chuck

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