



# HYDRAULIC CYLINDER HONING MACHINES

PRECISION SINCE 1936



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# SET 150 L - SET 150 LE



Set 150	2 Spindle Rotation Speeds	70 o 140	rpm
Set 150 LE	Variable Spindle Rotation Speed	40÷150	rpm

		SET 150 L	Set 150 LE	Set 150 E
Main spindle rotation motor	kW	1,5	2,2	2,2

## TECHNICAL SPECIFICATION SET 150 L SET 150 LE

Honing diameters	31-170	mm
Honing length	Max 380	mm
Spindle Stroke	Max 300	mm
Head Stroke	Max 470	mm
Distance spindle centre to column guides	350	mm
Distance table to honer	Max 800	mm
Table Surface	1400x500	mm
Table traverse	1340	mm
Spindle speed stroke	18	m/s
Hydraulic pump	2,2	kW
Cooling pump	0,15	kW
Length	2380	mm
Width	1370	mm
Height	2300	mm

# SET 150 E



## TECHNICAL SPECIFICATIONSET 150 E

Honing diameters	31-300	mm
Honing length	Max 450	mm
Spindle Stroke	Max 370	mm
Head Stroke	Max 520	mm
Distance spindle centre to column guides	350	mm
Distance table to honer	Max 800	mm
Table Surface	1400x500	mm
Table traverse	1340	mm
Table cross traverse	80	mm
Spindle speed stroke	18	m/s
Hydraulic pump	2,2	kW
Cooling pump	0,16	kW
Length	2380	mm
Width	1370	mm
Height	2300	mm

## SET 150 - SET 150 LE - SET 150 E

### STANDARD EQUIPMENT

Complete electric installation with low tension controls  
 Complete hydraulic installation with tank  
 Complete cooling Installation  
 1 pairs of supports with locking clamps  
 Splash-guards  
 Set of spanners  
 Operating Manual

### EXTRA EQUIPMENT

- 150B** Fixture for fast cylinder clamping
- 211B** V-cylinder clamping fixture
- 153B** Universal fixture for cylinder liner clamping
- 152B** Fixture for motorcycle cylinder clamping
- Cylinder gauge inside diameters between 30÷300 mm
- Spare stone-holders and abrasive stones

## SET 150 LE - SET 150 E

### SPECIAL EXECUTIONS ON REQUEST

#### 069 R

- Handwheel zero stop
- Stroke-counter for finish cycle
- Stop on the upper position and fast return of the handwheel



#### 064 R

- Automatic feed of the handwheel expansion with possibility to select the increments
- Zero stop
- Stroke-counter for finish cycle
- Stop on the upper position and fast return of the handwheel



## HONING HEADS

Honing Head	Honing Diameters	Stone Holders	Stone Number	Stones Dimension mm
L/31	31 ÷ 51	12	3	76 x 5,5 x 4,0
L/40	40 ÷ 55	16	4	76 x 5,5 x 4,0
L/50	51 ÷ 74	20	5	80 x 9,5 x 6,5 80 x 9,5 x 8,5
L/60	59 ÷ 85	20	5	80 x 9,5 x 6,5
L/70	70 ÷ 104	24	5	80 x 9,5 x 8,5
L/80	83 ÷ 110	18	5	100 x 9,5 x 8,5
L/100	102 ÷ 154	30	6	125 x 9,5 x 10
L/120	120 ÷ 180	30	6	125 x 9,5 x 10
L/150	150 ÷ 210	30	6	125 x 9,5 x 10
L/200	200 ÷ 265	30	6	125 x 9,5 x 10



## UNIVERSAL HONING HEADS

Code	Description	Ø
350 P	Automatic Honing Head	62-170 mm
350 S	Automatic Honing Head	62-300 mm





# AT YOUR SERVICE SINCE 1936



*Robbi has operated in the machine tool market since 1936 and specialise in the manufacture of machines tailored to meet the more demanding needs of the customer's complex and more specialised demands.*

*Whilst maintaining competitive prices, Robbi have ensured their machines have stability and precision.*



*Robbi grinding machines, use the best technology and the most robust and reliable components available on the market in their build programme.*

*Robbi have a commitment to assist and help, proactively, its customers to ensure they maximise the efficiency of the machine.*



*Robbi, in fact, offers various service solutions, including the:*

- *development of manufacturing processes;*
- *replacement parts spare part programme,*
- *making parts available for older models,*
- *tailored operational training programs*
- *and maintenance training to maximise the features of grinding machines and maintain the Robbi Grinders longevity.*



*Understanding the needs of our customers we are offer the best solutions and services that increase their return on productivity thus improving our customers return on his investment.*

*Ideas that may improve our business are always appreciated from customers.*

*If there's anything we can do to improve your experience with Robbi, please let us know.*

*Robbi have a commitment to ensure all customers are completely satisfied.*

*Choose Robbi precision for increased productivity and a faster return on your investment.*

*Call us today, we've have a solution for your grinding application.*



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