

CH - CYLINDER HONING MACHINES



	CH150	CH200	CH300
WORKING CAPACITY			
Honing capacity	25-180 mm	25-250 mm	25-300 mm
Max. honing depth	350 mm	350 mm	550 mm
stroke of the honer	300 mm	300 mm	500 mm
Max. length admitted for the block	1420 mm	1420 mm	1600 mm
Max workpiece height	600 mm	600 mm	700 mm
SPEEDS AND FEEDS			
Spindle rotation speed	120-320 mm	90-300 RPM	90-300 RPM
Spindle reciprocating speed (steplessly variable)	0-20 mm/min	0-20 mm/min	0-20 mm/min
Max table inclination		+ - 45°	+ - 45°
Max head longitudinal travel	1100 mm	1100 mm	1250 mm
Max head trasversal travel	105 mm	105 mm	105 mm
MOTOR RATINGS			
Spindle rotation motor	1,1 KW	1,1 KW	1,1 KW
Hydraulic system motor	1,1 KW	1,1 KW	1,1 KW
Standard cooling system motor	0,16 KW	0,16 KW	0,16 KW
TANKS CAPACITY			
Coolant tank	75 l	120 l	160 l
Hydraulic system tank	50 l	50 l	50 l

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SPECIFICATIONS >>>



	CH150	CH200	CH300
Dimensions without packing	1600x1200x2000 mm	1850x1400x2200 mm	1950x1650x2400 mm
Weight without packing	1100 kg	1200 kg	1400 kg
Dimensions with packing	1400x1700x2200 mm	2000x1500x2300 mm	2400x1620x1860 mm
Weight with packing	1180 kg	1280 kg	1470 kg

DIMENSIONS AND WEIGHTS >>>

CH150
CH200
CH300

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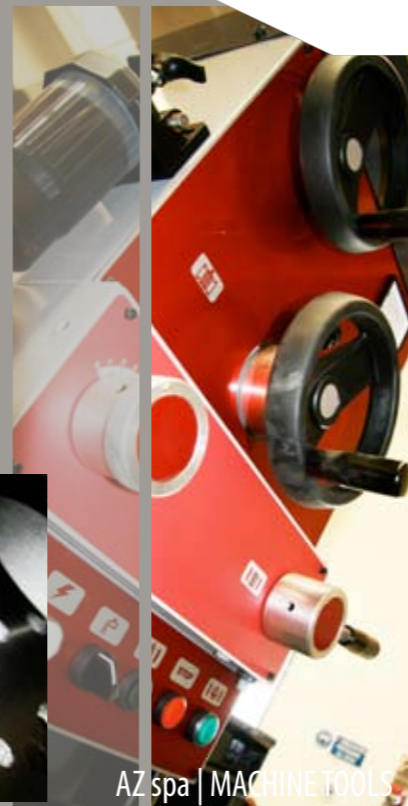
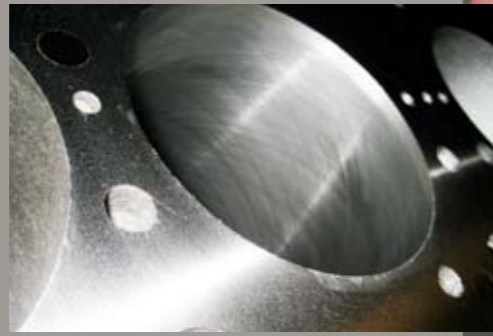
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Subject to change, as of DECEMBER 2010



CH150-200-300

Setup fixtures for blocks with height and inclination adjustment to allow an easy and quick positioning of V" engine blocks.
Alternative synchronized movement stopping with rotary motion avoiding damage on cross finishing.
Universal block lifting electrical device.
Longitudinal head movement to assure clamping of engine block without any positioning.
Quick clamping to allow a simple and efficient fastening of the engine block.



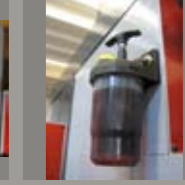
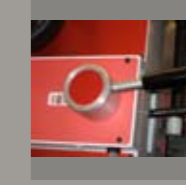
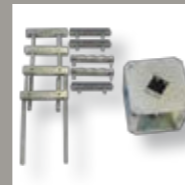
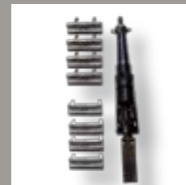
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CH/3

CH150
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CH300



EQUIPMENTS >>>

AZ571

AZ572

AZ573S

AZ574

AZ575

AZ576

AZ703

AZ704

AZ705

AZ782



CH150

STANDARD

Oil-hydraulic system
Pneumatic system for head displacement over air cushion
Coolant system
Device for expansion and of honing stones during work phase
Fastening plates (4 pieces)
Parallel supports (2 pairs 300x570 and 120x570)
Low voltage electric controls (24 V)
Service tools
Operating manual

RECOMMENDED

AZ573S Equipment for honing from 44 to 68 mm. diameter

AZ574 Equipment for honing from 63,5 to 177 mm

OPTIONAL

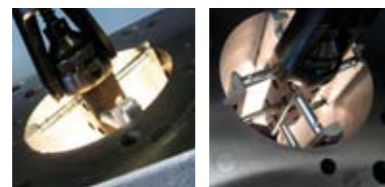
Electrical panel for CH150 conforming CEI UNI 60204
AZ703 Inner gauge capacity from 30 to 100mm. with centesimal dial gauge

AZ704 Inner gauge capacity from 50 to 178mm. with centesimal dial gauge

AZ705 Inner gauge capacity from 100 to 300 mm with centesimal dial gauge

AZ571 Equipment for honing from 25 to 38 mm dia.

AZ572 Equipment for honing from 38 to 56 mm dia.



CH200-300

STANDARD

Universal clamping device for blocks
Hydraulic system
Coolant system
Device for expansion and of honing stones during work phase
Electrical lifting device for rollover fixture
N. 2 Set of supports
Rollover fixture with No. 1 set of support
Low voltage electric controls (24 V)
Cylinder block quick clamps
Service tools
Operating manual

RECOMMENDED

AZ573S Equipment for honing from 44 to 68 mm. diameter

AZ574 Equipment for honing from 63,5 to 177 mm

AZ576 Equipment for honing from 63,5 to 228mm. diameter (for

OPTIONAL

AZ703 Inner gauge capacity from 30 to 100mm. with centesimal dial gauge

AZ704 Inner gauge capacity from 50 to 178mm. with centesimal dial gauge

AZ705 Inner gauge capacity from 100 to 300 mm with centesimal dial gauge

AZ571 Equipment for honing from 25 to 38 mm dia.

AZ572 Equipment for honing from 38 to 56 mm dia.

AZ575 Stones and support from 220 to 304 mm for AZ576

AZ782 Automatic expansion feed with a number of stroke pre-setting, display of the taper of cylinder automatic shut off

to the target dimension

