



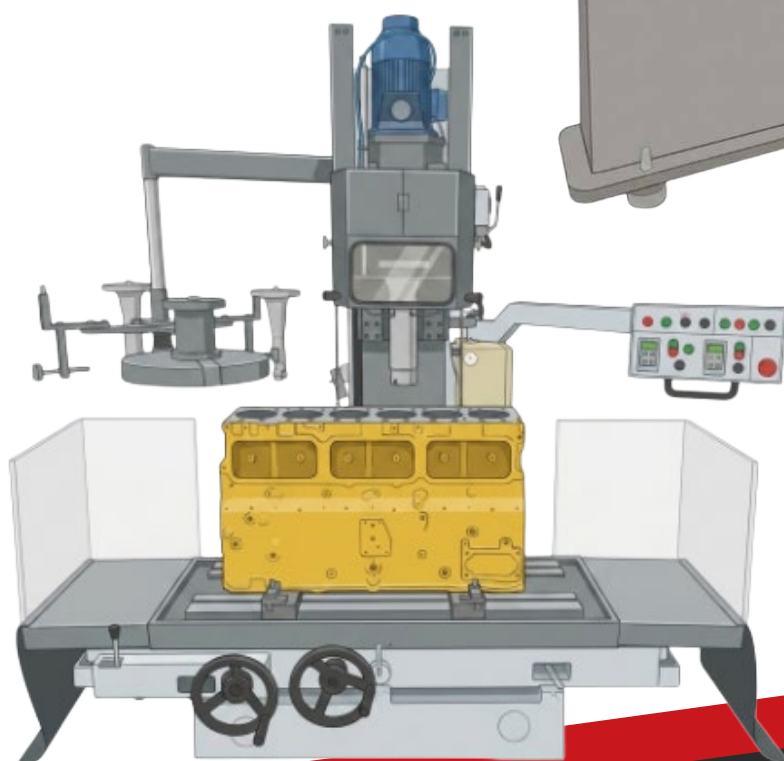
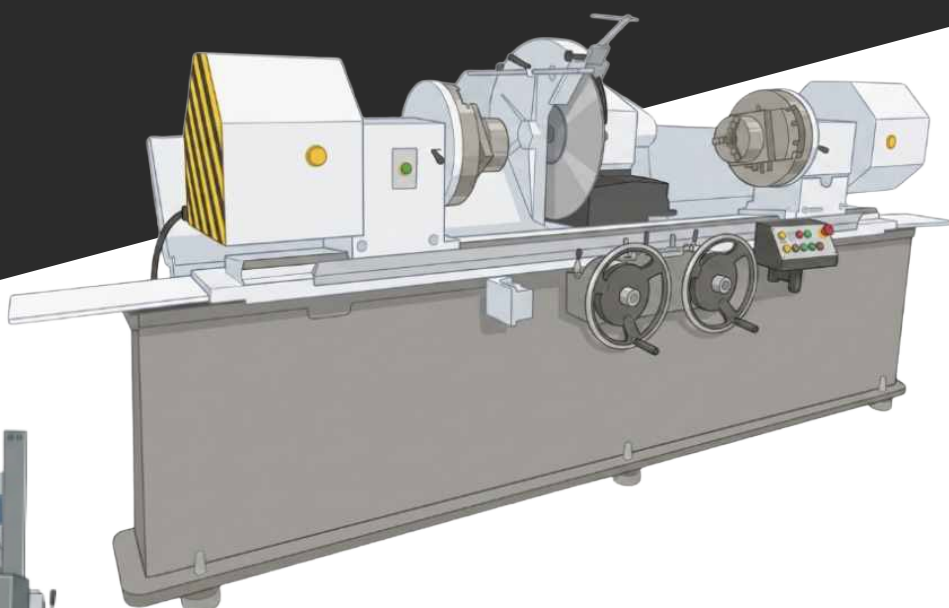
CHINELATTO

MÁQUINAS INDUSTRIAIS

Since 1962

MACHINE CATALOG

Engine Rebuilding Machines



MADE IN
BRAZIL

2026

chinelatto.com.br



About Chinelatto

Manufacturing industrial machines since 1962

Founded in 1962 in Limeira, São Paulo, Brazil, Chinelatto began its operations manufacturing engine rebuilding equipment. Over more than 60 years, the company has established itself as a national and international reference in high-precision industrial machinery manufacturing.

Today Chinelatto serves customers throughout Brazil and exports to Latin American countries, offering complete solutions for engine rebuilding, CNC milling and foundry.

We also supply original spare parts for all machines, including discontinued models, with specialized technical support.



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SECTION 01

Crankshafts

01



Machines in this section

- 01** Manual Crankshaft Grinder 1-Meter — RVC-1000M
- 02** Hydraulic Crankshaft Grinder 1-Meter — RVC-1000HVP
- 03** Manual Crankshaft Grinder 1.5-Meter — RVC-1500M
- 04** Hydraulic Crankshaft Grinder 1.5-Meter — RVC-1500HVP
- 05** Hydraulic Crankshaft Grinder 1.8-Meter — RVC-1800HVP
- 06** Portable Crankshaft Polisher PV Chinelatto 1150 RPM
- 07** Crankshaft Polishing Machine PV-1500 Chinelatto - 15.7X59" 3HP...
- 08** Crankshaft Polishing Machine PV-2200 Chinelatto - Ø16x79 inches

Crankshaft Grinding Machine



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Manual Crankshaft Grinder 1-Meter

RVC-1000M

Manual crankshaft grinder for crankshafts up to 39 inches (1000mm) between centers with 17.3 inch (440mm) swing. 3hp motor, 24 inch (609mm) wheel, 0.24 inch (6mm) micro feed. Professional precision.

Specifications

Distance between chucks	39.3/8"
Distance table-headstock center	7.7/8"
Max. Swing over table	17,323"
Max. offset of centers	2.61/64" x 13/64"
Rest capacity	2.3/8" ~ 3.9/16"
Rotations - hertz variable frequency	40 ~ 100 rpm's

Details



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Hydraulic Crankshaft Grinder 1-Meter



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RVC-1000HVP

Hydraulic crankshaft grinding machine with automatic feed and P4 bearings. Cast iron structure, 39 inches (1000mm) between centers, 24 inches (610mm) grinding wheel. Ideal for specialized shops.

Specifications

Distance between chucks	39.370"
Max. swing over table	Ø17.323"
Max. wheel cross movement	2.953" x 0.197"
Center height	8.661"
Work spindle speed - rpm	20~80 rpm
Table automatic advancement	127.953 in/min



Details



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Crankshaft Grinding Machine



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Manual Crankshaft Grinder 1.5-Meter

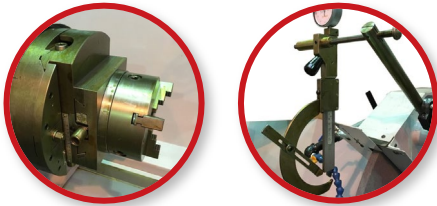
RVC-1500M

Professional crankshaft grinding machine with 59 inches (1500mm) between centers and 21.3 inches (540mm) swing capacity. Electronic speed control 20-100 rpm, 5hp motor for precision shops.

Specifications

Distance between chucks	59.1/20"
Distance table-headstock center	10.5/8"
Max. Swing over table	21.1/4"
Max. offset of centers	3.5/32" x 3/16"
Rest capacity	1" ~ 3.5/32" - 3.5/32" ~ 4.15/16"
Rotations - hertz variable frequency	20 ~ 100 rpm's

Details



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Hydraulic Crankshaft Grinder 1.5-Meter



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RVC-1500HVP

Grinds crankshafts with P4 precision and automatic hydraulic feed. Capacity 59 inches (1500mm) between centers, Ø21.3 inches (540mm) swing, continuous measurement and ribbed cast iron structure.

Specifications

Distance between chucks	59.055"
Max. swing over table	Ø21.259"
Max. wheel cross movement	3.149" x 0.196"
Center height	10.629"
Work spindle speed - rpm	20~100 rpm
Table automatic advancement	118.110 in/min



Details



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Hydraulic Crankshaft Grinder 1.8-Meter

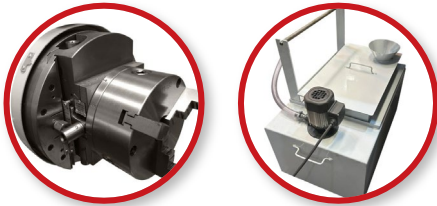
RVC-1800HVP

Hydraulic crankshaft grinder with automatic feed and continuous measurement. Cast iron structure, P4 bearings, 70.9 inches (1800mm) center distance, swing up to 21.3 inches (Ø540mm). Professional precision.

Specifications

Distance between chucks	70.866"
Max. swing over table	Ø21.259"
Max. wheel cross movement	3.149" x 0.196"
Center height	10.629"
Work spindle speed - rpm	20~100 rpm
Table automatic advancement	118.110 in/min

Details


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Portable Crankshaft Polisher Chinelatto 1150 RPM

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PV

Portable polisher for professional crankshaft polishing in automotive workshops. Ultra-light aluminum body 10.4 lb (4.7 kg), 1150 RPM for maximum mobility and efficiency

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Crankshaft Polishing Machine



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Crankshaft Polishing Machine Chinelatto - 15.7X59" 3HP Motor

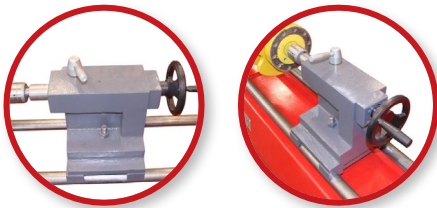
PV-1500

Professional crankshaft polisher for parts up to 15.7X59" (Ø400x1500mm) with 19.7" (Ø500mm) polisher and 3HP motor. 780RPM polishing speed, ideal for specialized automotive rebuilding shops

Specifications

Max. Capacity - diameter swing over table x lenght	Ø 15.3/4" x 59.1/16"
02 - Crankshaft revolutions	14 - 34 rpm
01 - Polisher revolution	780 rpm
Crankshaft plate - diameter	Ø 6"
Polisher diameter	Ø 19.11/16" x 3/4"
Crankshaft rotation	0.736 kw

Details



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Crankshaft Polishing Machine Chinelatto - Ø16x79 inches



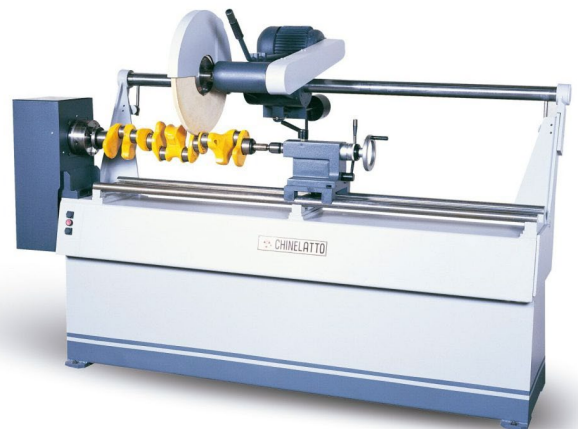
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PV-2200

Professional crankshaft polisher for finishing up to Ø16x79 inches (400X2000MM). 4HP motor, controlled rotation 14-34 rpm, polisher 780 rpm. Includes 6-INCH plate, 20-INCH felt disc and tailstock

Specifications

Max. Capacity - diameter swing over table x lenght	Ø 15.3/4" x 78.3/4"
02 - Crankshaft revolutions	14 - 34 rpm
01 - Polisher revolution	780 rpm
Crankshaft plate - diameter	Ø 6"
Polisher diameter	Ø 19.11/16" x 3/4"
Crankshaft rotation	0.736 kw



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SECTION 02

Cylinder Heads



Machines in this section

- | | | | |
|-----------|--|-----------|--|
| 01 | Engine Block and Head Milling Machine -... | 09 | Motorcycle Valve Seat Milling Machine S... |
| 02 | FUTURA Cylinder Head Milling Machine -... | 10 | Valve Guide Boring Machine EMC-2 - |
| 03 | RSP-1550 Chinelatto Surface Milling Mac... | 11 | RSV-1 Portable Valve Seat Grinder - 11,... |
| 04 | RSP-1200H Surface Grinder Milling Machi... | 12 | RAS-300 Automatic Valve Seat Grinder Ma... |
| 05 | Engine Block and Cylinder Head Milling... | 13 | Automatic Valve Seat Grinder RAS-300M f... |
| 06 | SUPREMA-P Pneumatic Valve Seat Milling... | 14 | RVX-B Valve Grinder Chinelatto 0.8-3.5l... |
| 07 | Valve Seat and Guide Milling Machine FS... | 15 | Valve Grinder Machine RV-2 Chinelatto -... |
| 08 | Valve Seat and Guide Milling Machine Ø1... | 16 | Cylinder Head Pressure Tester TESTRIM -... |

+ 8 ...



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Engine Block and Head Milling Machine

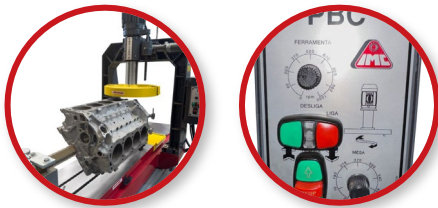
PBC-1200X

PBC-1200X block and head milling machine for professional resurfacing: mills parts up to 47X14 inches (1200X355MM) and 21.7 inches (550MM) tall, 4-8 cylinder V6/V8/diesel engines. Chinelatto since 1962

Specifications

Milling capacity - length x width	47.24" x 14"
Max. Height	21.653"
Spindle variable speed	200 ~ 1100 rpm
Variable cutting speed	1,18"~27,6"/min
Power motors	1,875 kw
Electrical tension	220volts 60hz. 2fases

Details



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Cylinder Head Milling Machine - Chinelatto Variable Speed 200-1100RPM



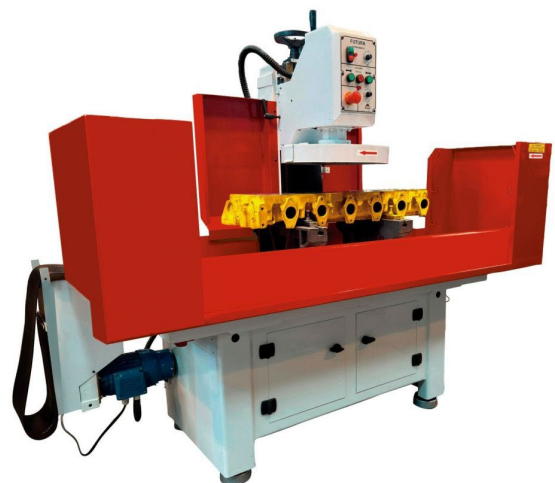
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FUTURA

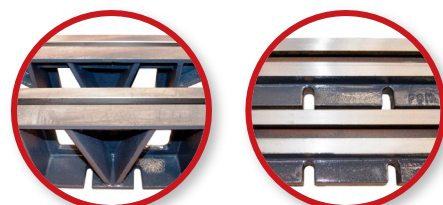
FUTURA cylinder head resurfer for diesel, gasoline and alcohol engines with variable speeds 200-1100RPM. Capacity 42X14 inches (1070X355MM), max height 18 inches (460MM) for professional shops

Specifications

Milling capacity - length x width	42" x 14"
Max. Height	18"
Spindle variable speed	200 ~ 1100 rpm
Variable cutting speed	1,18" ~ 27,6" / min.
Power motors	1,875 kw
Electrical tension	220 volts - 60hz.- 2 ph



Details



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Chinelatto Surface Milling Machine for Automotive Cylinder Heads

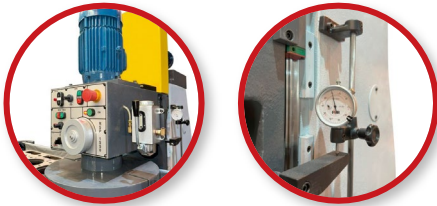
RSP-1550

RSP-1550 cylinder head resurfacers with 61X16 inch (1550X406MM) capacity, variable speeds 180-1200RPM and 7.25HP power. Table with 67 inch (1700MM) stroke and 1.2-27.6 IPM (30-700MM/min) feed for professional resurfacing

Specifications

Milling capacity - length x width	61" x 16"
Max. Height	32"
Table advancement	67"
Table dimension	59" x 18.9"
Spindle variable speed	180 ~ 1200 rpm
Table variable speed	1.18"~27.56"/min.

Details



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Surface Grinder Milling Machine Chinelatto 75X18 inch Table



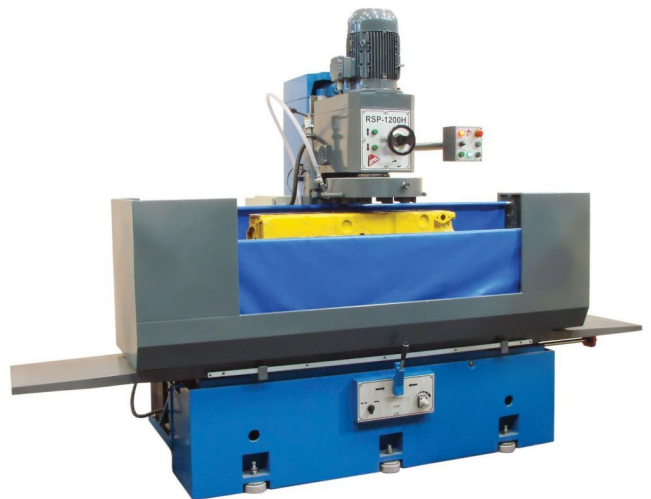
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RSP-1200H

Grinds and mills engine blocks and cylinder heads up to 47 inches (1200MM) with 75X18 inch (1900X460MM) table. Variable speed 170-1200 RPM via inverter, hydraulic feed to 146 IPM (3700MM/min)

Specifications

Total surface of table	74.803" x 18.110"
Useful dimension of table	51.181" x 14.173"
Maximum length of the block or cylinder head to rectify	47.1/4"
Maximum width of the area to rectify	16.1/2"
Maximum width of the surface milling	11.7/16"
Maximum height between table and plate door-stones	31.1/8"



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Engine Block and Cylinder Head Milling Machine Chinelatto - 118" Table

PF-3V

Industrial PF-3V milling machine for engine blocks and cylinder heads machining. Table up to 118X29 inches (3000X730MM), 5511 lbs (2500KG) capacity, ISO 50 spindle 100-1200 RPM. Ideal for engine shops

Specifications

Curso - Máx. Longitudinal - (X)	3.000 mm
Dimensões da mesa - normal	3.000 x 730 mm
Dimensões da mesa - opcional	3.000 x 1.000 mm
Peso Máximo Estimado Sobre a Mesa	2.500 kg
Velocidades de Avanço - (X)	60 a 1.500 mm/min
Lubrificação normal	Roldanas de madeira

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Pneumatic Valve Seat Milling Machine



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SUPREMA-P

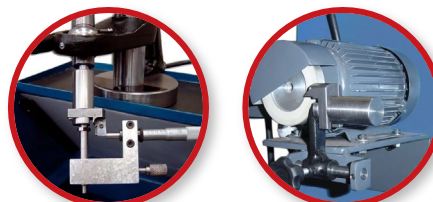
SUPREMA-P pneumatic boring machine for valve seat machining Ø0.71-2.36 inches (18-60MM) on cylinder heads. Variable motor 20-80RPM with 87 PSI (6 Bar) compressed air ensures precision and superior finish

Specifications

Max. Length x Width cylinder head to fixed under the table	45.9/32" x 17.3/4"
Valve seat - Boring - min. ~ max. diameter	Ø 3/4" ~ Ø 2.3/8"
Distance between the base of support of the cylinder head and the mordant	9.1/16"
Maximum inclination of the mordant	12°
Compressed Air Required for Operation	6 Bar / 87.02 PSI
Rotation transmission motor	by compressed air



Details



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Valve Seat Milling Machine



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Valve Seat and Guide Milling Machine

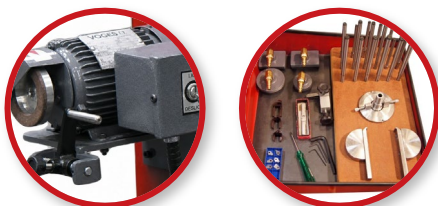
FSG-1500

FSG-1500 milling machine for precise machining of valve seats and guides in cylinder heads. Diameters Ø0.7-2.4 inches (18-60MM), variable speed 0-350RPM, ISO 30 taper, 7.9 inches (200MM) stroke

Specifications

Max.dimensions cylinder head to be fixed over the table	-
Valve seat - Boring - min. ~ max. diameter	Ø 3/4" ~ Ø 2.3/8" mm
Distance Table - Spindle	20.3/4"
Spindle tilt	+ / - 15°
Air Required to move headstock	6 Bar
RPM - Variable Speeds	0 ~ 350 rpm

Details



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Valve Seat and Guide Milling Machine Ø18-60mm



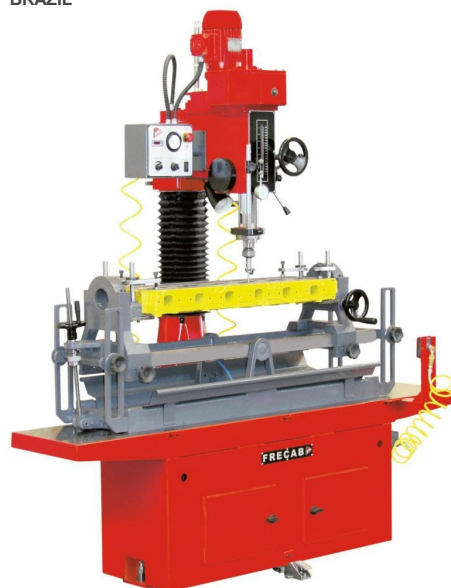
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FRECAB

FRECAB precision machine for valve seats and guides Ø18-60mm. Tilting table ±12° and 360° rotation. 1.5HP motor. Ideal for cylinder head reconditioning in engine rebuild shops.

Specifications

Max. Longitudinal x Max. Transversal	47.24" x 13.78"
Valve seat - Boring - min. ~ max. diameter	Ø 3/4" ~ Ø 2.3/8" mm
Distance between the side of the axle tree-based support for the cylinder head	11"
Air Required for Table Travel	6 Bar / 87.02 PSI
Maximum turn of the base of support of the cylinder head	360°
Maximum Inclination of the Table (Left / Right)	12° / 12°



Details



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Motorcycle Valve Seat Milling Machine

SUPREMA-M

SUPREMA-M valve seat milling machine for precise machining of valve seats in motorcycle cylinder heads. Equipped with dial indicator and vacuum gauge tester. Available in 3 series


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Valve Guide Boring Machine

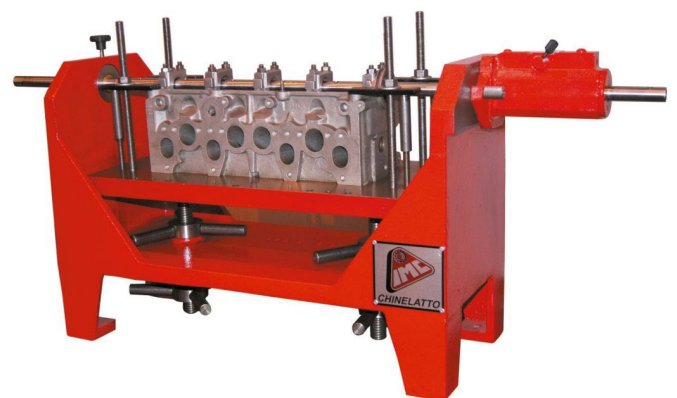
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EMC-2

Bores holes 0.87-1.34 inches (Ø22-34MM) in automotive cylinder heads with superior precision. Tool bar holds up to 11 tools, 24.6X10.3 inch (625X262MM) capacity, high-speed motor to 2,500 rpm

Specifications

Boring diameter capacity	Ø 22 ~ 34 mm
Maximum piece dimension (Lenght x width) to boring	625 x 262 mm
Tool rest bar - diameter x lenght	Ø 20 x 1.110 mm
Maximum advance of the tool rest bar	90 mm
Maximum number of knives on the bar	11 pieces
Distance between the center bar to the table - min. ~ max.	80 ~ 150 mm



Details


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Valve Seat Grinder Machine



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Portable Valve Seat Grinder - 11,000 RPM Motor Engine Rebuild

RSV-1

RSV-1 portable grinder reconditions valve seats on cylinder heads with precision. 11,000 RPM motor, stones 1" to 3" diameter, 11/16" thread. Includes 10 tempered pilot shafts for different diameters

Specifications

Capacity to use wheels - min. ~ max.	Ø 1" ~ Ø 3"
Rotations - spinning speed of the motor shaft	11.000 rpm



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Automatic Valve Seat Grinder Machine



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RAS-300

RAS-300 automatic grinder machine grinds valve seats in 1 minute. Simulated manual movements, 300 rpm, 5.9 inches (150MM) adjustable height. Digital time selector, built-in vacuum gauge

Specifications

Velocidade de giro do eixo porta ventosa	300 rpm
Altura regulável do eixo porta ventosa	150 mm
Dispositivo porta cabeçote - comprimento x largura	230 x 865 mm
Dimensões do equipamento - comprimento x largura x altura	400 x 458 x 900 mm
Motor elétrico	220/380 volts 60 hertz 3 phases 0,25 cv
Peso líquido aproximado	60 kg



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Automatic Valve Seat Grinder for Motorcycles

RAS-300M

Automatic grinder RAS-300M grinds valve seats in 1 minute per seat with simulated manual movements. 0.25 hp motor, built-in vacuum gauge and digital time selector

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Valve Grinder Chinelatto 0.8-3.5IN 5 Angles Professional



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RVX-B

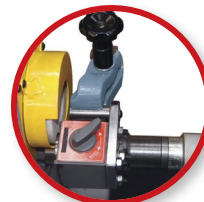
RVX-B valve grinding machine for professional workshops. Grinds valves Ø0.8-3.5IN (20-90MM) with variable speed 30-300 RPM, 5 inclination angles and cooling. Includes 5 collets

Specifications

Variable rotation speed of the valve holder spindle	30 to 300 RPM
05 collets for min~max valve stem diameter	Ø4~4.5mm / Ø5~6.5mm / Ø6.5~8.5mm / Ø8.5~10.5mm / Ø10.5~12.5mm
Min~max diameter of valve to be ground	Ø20 ~ 90 mm (0.8" ~ 3.5")
Valve holder spindle tilt angles	15° - 20° - 30° - 45° - 60°
Installed voltage	110 volts or 220 volts 2 phases
Machine dimensions - length x width x height	1.15 x 0.51 x 1.23 m



Details



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Valve Grinder Machine • Cylinder Head Pressure Tester



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Valve Grinder Machine Chinelatto - Double Grinding Wheel

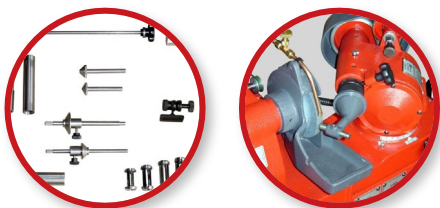
RV-2

Grinds valves, stems, tappets and rocker arms from Ø0.2-0.49IN (Ø5-12.5MM) with dual wheels at 5,150RPM. High-precision pneumatic cabinet for professional shops with 4 collets included

Specifications

Grinding wheel diameter to rectify valve	127 mm (Ø 5")
Grinding wheel diameter to rectify the toe of the valve	101,6 mm (Ø 4")
Valve grinding capacity: Ø minimum ~ maximum	Ø 5,0 - Ø 12,5 mm (Ø 3/16" - Ø 1/2")
Grinding wheel rotation	5.150 rpm
Grinding wheel electric motor	0,5 cv (0.373 kw)
Axis door-tong rotation	267 rpm

Details



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Cylinder Head Pressure Tester - 201°F Heating



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TESTRIM

Detects cracks and leaks in cylinder heads with heating up to 201°F (92°C) and 180° tilt. Max capacity 47X18.5 inches (1200X470MM), 14.3 gal tank, 7HP heating. Professional engine shops

Specifications

Capacity max. length x width of cilinder head	47.24"x18.50"
Max.rotation cilinder head	180°
Heating power	5.25 kw
Electric Pump	0.373 kw
Water capacity	14.26 gallons
Electronic temperature regulator with dial display	Max. 197.6° F



Details



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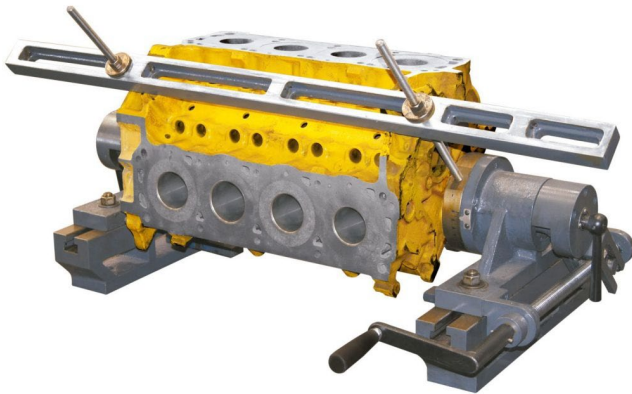
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Medium Block Fixture Device DBCU-42.000870

42.000870.

DBCU-42.000870 fixture device for intermediate V-blocks and inclined cylinder heads. Screw-driven movement system ensures precise fixation during automotive engine grinding operations

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L-Type Cylinder Head Fixture Device 42.000350

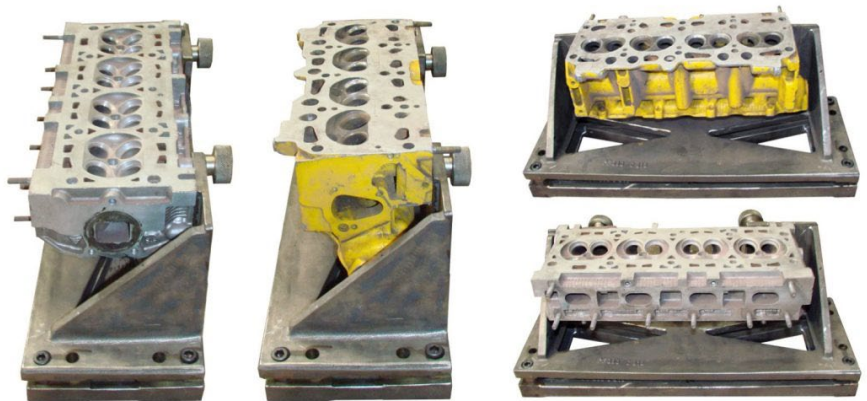


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42.000350.

L-type cast iron fixture device for inclined cylinder heads. Capacity 14.6X6.7X7.1 inches (370X170X180MM) with maximum precision for professional engine rebuilding workshops

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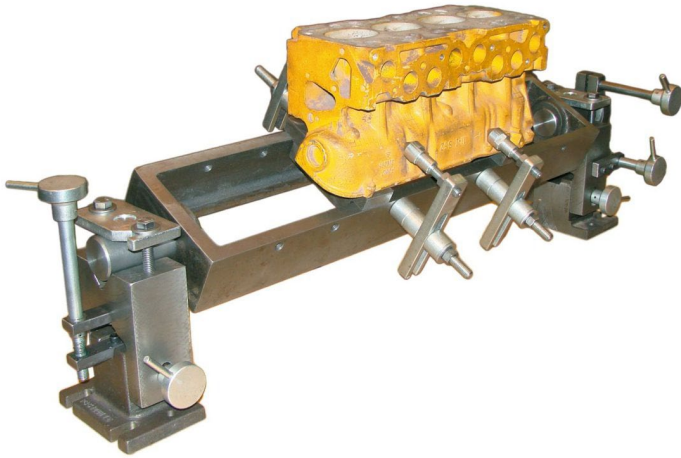
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American Cylinder Head Fixture Inclined DI 42.000465

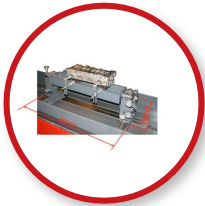
42.000465.

Universal fixture for securing inclined cylinder heads and V-blocks in professional grinding operations. Robust Chinellatto system ensures precision and stability in specialized machine shops

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Details



Inclined Cylinder Head Fixture DI-42.000871



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42.000871.

DI-42.000871 work-holding device for inclined base cylinder heads during grinding operations. Robust Chinellatto construction ensures maximum precision and high durability in specialized shops

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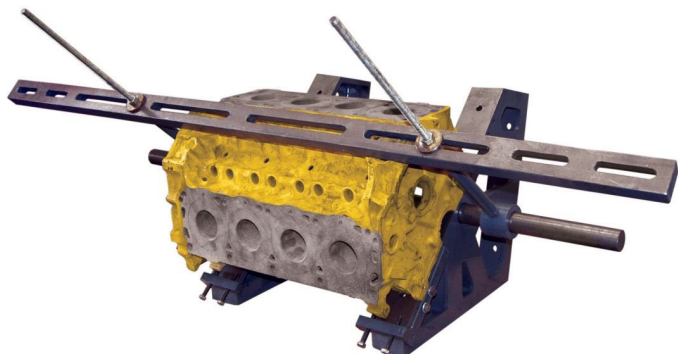


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V-Block Fixture Device Fixed Angles 30°-45° DB-30-45

42.000555.

Precisely fixes intermediate V-blocks and angled cylinder heads at 30° and 45°. Essential positioning tool for professional engine shops



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Motorcycle Cylinder Fixture Table Chinelatto Precision Ground



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M-90

Precision ground table for motorcycle cylinder fixturing with millimetric accuracy. Ensures superior stability during professional motorcycle engine grinding operations

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4-CYLINDER Engine Block Fixture Table

M-800

M-800 table secures engine blocks and liners for 4-CYLINDER motors with maximum precision. Working dimensions 31X17X22 inches (800X440X570MM)

Specifications

Useful Dimensions

Length = 31.50 in

Width = 17.32 in

Height = 22.44 in

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4-CYLINDER Engine Block Table



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M-1300

Fixture table for 4-CYLINDER engine blocks with adjustable shims 2-8 inches (50-200MM). Dimensions 51X18X24 inches (1300X460X610MM). Complete hardware system for precise positioning included

Specifications

Useful Dimensions

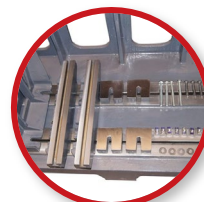
Length = 51.18 in

Width = 18.11 in

Height = 24.02 in



Details



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SECTION 03

Cylinder Blocks

03



Machines in this section

- | | | | |
|-----------|--|-----------|---|
| 01 | Cylinder Boring Machine and Vertical Mi... | 09 | BR-90 Motorcycle Cylinder Honing Machin... |
| 02 | Cylinder Boring and Surface Milling Mac... | 10 | Cylinder Honing Machine BR-130 - Ø2.68-... |
| 03 | Cylinder Boring Machine Air Cushion BCP... | 11 | BH-200 Hydraulic Cylinder Honing Machin... |
| 04 | BVC-90 Cylinder Boring Machine Chinelat... | 12 | Wet Sleeve Seat Milling Machine FAC-86... |
| 05 | Portable Cylinder Boring Machine BVC-130 | 13 | Wet Sleeve Seat Facing Machine FAC - GI...
— FAC-GIGANTE |
| 06 | Motorcycle Cylinder Boring Machine BVC-... | 14 | Shaft EIXO_SCANIA_124 for FAC-86 Resurf... |
| 07 | Motorcycle Cylinder Boring Machine BVC-... | 15 | FAC-86 Adapter Shaft for Cummins Block... |
| 08 | Pneumatic Cylinder Honing Machine BPM-2... | | |

Heavy-Duty Cylinder Boring Machine



MADE IN
BRAZIL

Cylinder Boring Machine and Vertical Mill

BVC-1400X

Vertical boring machine for cylinder boring Ø1.5-5.9 inches with variable speeds 100-1200RPM. Large 61X20 inch table and 47-INCH useful stroke ensure high productivity in machining operations

Specifications

capacity for boring cylinders with standard tool holder shafts	Ø 55 ~ Ø 130 mm
capacity for boring cylinders with extra tool holder shaft	Ø 39 ~ Ø 150 mm
table - dimension: length x width	1.560 x 500 mm
total longitudinal table stroke	1.400 mm
useful longitudinal table stroke	1.200 mm
flat surface milling capacity	1.200 x 320 mm

Details



[View machine online](#) →

Cylinder Boring and Surface Milling Machine



MADE IN
BRAZIL

BVC-1600X

Precision boring Ø39-160MM and milling 1500MM surface capacity. Variable speed 30-800 rpm for professional engine rebuild shops

Specifications

boring capacity with standard accessories	Ø55 ~ 130 mm
boring capacity with optional accessories	Ø39 a 160 mm
surface milling capacity	1.500 x 320 mm
variable speed rotating (spindle)	30 ~ 800 rpm
variable speed - vertical advance	50 ~ 1.000 mm/min
automatic forward speed table	40 - 80 mm/min



Details



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Heavy-Duty Cylinder Boring Machine



MADE IN
BRAZIL



Cylinder Boring Machine Air Cushion Chinelatto 2.6-5.1IN

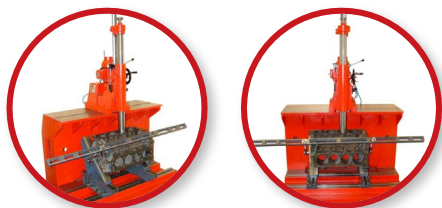
BCP-1000

Pneumatic boring machine BCP-1000 for precise cylinder boring 2.6-5.1 inches (66-130MM), with air cushion system and quick clamping. Block capacity up to 39 inches (1000MM), 1HP motor. Chinelatto equipment

Specifications

Displacement of the tool-holder axis - by air	-
Maximum lenght cylinder block	39.3/8"
Capacity to boring cylinders - diameters min ~ max	Ø 2.5/8" - 5.1/8"
Maximum Height cylinder block	13.3/16"
02 Spindle Speed	265 - 380 rpm
Advancement of cutting around the tool	0,0035"

Details



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Cylinder Boring Machine Chinelatto Portable Dual Speed



MADE IN
BRAZIL

BVC-90

Portable boring machine for precise cylinder boring Ø2.1-3.5 inches (53-90MM) with dual speed (345-420 rpm) and motorcycle table. 1HP motor, 9.6 inch (245MM) depth, ideal for engine rebuild shops

Specifications

Capacity to boring cylinders - diameters min ~ max	Ø 2,087" ~ 3,543"
02 Speed tool	345 - 420 rpm
Advancement of cutting around the tool	0,0035"
02 Speed advance cutting	1.3/8" - 1.5/8" / min
Capacity to cut in diameter - maximum	0,0393"
Maximum Height cylinder	9.5/8"



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MADE IN
BRAZIL



Portable Cylinder Boring Machine

BVC-130

Professional portable boring machine for cylinders Ø2.6-5.1 inches (67-130MM) with cutting precision 0.0035 inches (0.09MM) per revolution. 0.75HP motor, dual speed 265-380 rpm, depth up to 13.2 inches (335MM)

Specifications

Capacity to boring cylinders - diameters min ~ max	Ø 2.5/8" ~ 5.1/8"
02 Speed tool	380 - 265 rpm
Advancement of cutting around the tool	0.0035"
02 Speed advance cutting	1.1/16" - 1.1/2" / min
Maximum Height cylinder	13.3/16"
Transmission of rotation of the tool	transmission bevel gear

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Motorcycle Cylinder Boring Machine Chinelatto 1.54-2.56IN



MADE IN
BRAZIL

BVC-65

BVC-65 boring machine for precise machining of motorcycle cylinders 1.54-2.56 inches (Ø39-65MM) with 0.0035IN/rev feed. 0.5HP motor, 6.3IN max depth, specific table for motorcycle cylinder fixturing

Specifications

Capacity to boring cylinders - diameters min ~ max	Ø 1.1/2" ~ 2.9/16"
01 Speed tool	600 rpm
Advancement of cutting around the tool	0,0035"
01 Speed advance cutting	2" / min
Capacity to cut in diameter - maximum	0,0236"
Maximum Height cylinder	6.9/32"



Details



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MADE IN
BRAZIL

Motorcycle Cylinder Boring Machine Chinelatto Ø1.9-3.5IN

BVC-90VE

BVC-90VE boring machine processes motorcycle cylinders Ø1.9-3.5IN (47-90MM) with 0.003IN (0.08MM) per revolution precision and depth up to 11.8IN (300MM). 0.5HP motor, 420RPM. Ideal for shops

Specifications

Capacity to boring cylinders - diameters min ~ max	Ø 1.7/8" ~ 3.9/16"
01 Speed tool	420 rpm
Advancement of cutting around the tool	0.003"
01 Speed advance cutting	2" / min
Maximum Height cylinder	11.3/4"
Transmission of rotation of the tool	transmission belt

Details


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Pneumatic Cylinder Honing Machine Chinelatto for Motorcycles

MADE IN
BRAZIL

BPM-200

Professional pneumatic honing machine BPM-200 for motorcycle cylinders 1.61-4.25 inches (Ø41-108MM), 7.87 inch (200MM) stroke. Low air consumption 11.5 CFM, includes 2 complete honing tools

Specifications

Honing Capacity	Ø 41 ~ 108 mm
Working Stroke	200 mm
Compressed Air Consumption	11.5 CFM (cubic feet/minute)
Installed Electric Power - 220 volts - 60 Hz - 3-phase	0.5 HP
Packing Dimensions (L x W x H)	0.74 x 0.75 x 1.77 m
Approx. Net Weight	180 kg (397 lb)


[View machine online →](#)

Cylinder Honing Machine



MADE IN
BRAZIL



Motorcycle Cylinder Honing Machine 1.6-4.3IN

BR-90

Professional BR-90 honing machine for motorcycle cylinders 1.6-4.3IN (Ø41-108MM). 0.75HP motor, 11.8IN (300MM) stroke, 210-430RPM. Includes 2 hones and cooling system for specialized shops

Specifications

Capacity to grind cylinders - diameters min-max	Ø 1.61" - 4.25"
Displacement maximum - maximum height cylinder	11.3/4"
Maximum distance between the center of the mandrel to axis-based fixed	15.3/4"
02 Speed tool	210 - 430 rpm
Electric Motor	0.559 kw - 1.200 rpm
Normal electric power	220 volts - 60hz - 3 ph

Details



[View machine online](#) →

Cylinder Honing Machine - Ø2.68-5.51IN Stroke 11.8IN 1HP Motor



MADE IN
BRAZIL

BR-130

Professional honing machine for cylinders Ø2.68-5.51IN (68-140MM) with stroke up to 11.8IN (300MM). Processes motorcycle, auto and diesel engines precisely. 1HP motor and dual rotation ensure perfect finish

Specifications

Capacity to grind cylinders - diameters min-max	Ø 2.5/8" - 5.1/2"
Displacement maximum - maximum height cylinder	11.3/4"
Maximum distance between the center of the mandrel to axis-based fixed	15.3/4"
02 Speed tool	210 - 430 rpm
Electric Motor	0.559 kw - 1.200 rpm
Normal electric power	220 volts - 60hz - 3 ph



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MADE IN
BRAZIL



Hydraulic Cylinder Honing Machine Chinelatto 1.6-7.7IN

BH-200

BH-200 hydraulic honing machine processes cylinders 1.6-7.7IN (Ø41-195MM) with 11.8IN (300MM) stroke and variable speed. 4.12HP motor, robust hydraulic system and integrated cooling for professional finish

Specifications

Honing range	Ø 1.5/8" ~ 7.5/8"
Clearance honing length	11.3/4"
Clearance table-honing equipment	40.9/16"
Clearance column-honing equipment	12.3/16"
Strokes per minute	Variable advancement
Strokes in movement 7.87" (200mm)	44 / minute

Details



[View machine online](#) →

Wet Sleeve Seat Milling Machine Chinelatto 2.87-7.72 inches



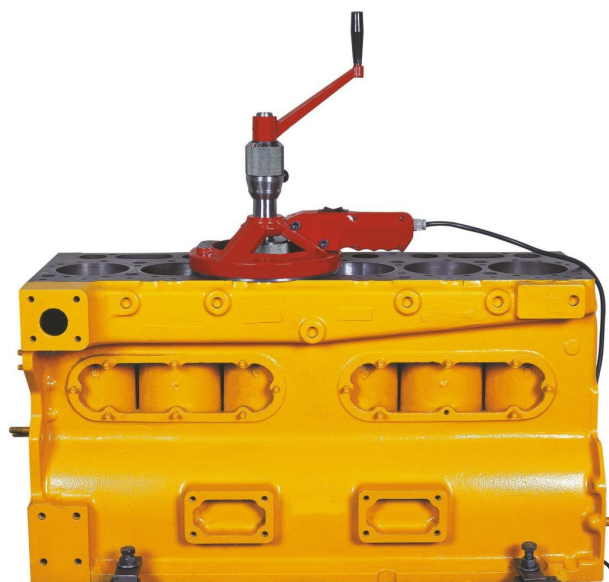
MADE IN
BRAZIL

FAC-86

Portable FAC-86 milling machine mills wet sleeve seats from 2.87 to 7.72 inches (73-196mm) with 0.0004 inch (0.01mm) precision. Electromagnetic base, 5 tools included, depth up to 1 inch (25mm).

Specifications

FAC0,86-B002	FAC0,86-B018
Boring Tool - diameter 73-88 mm	Boring Tool - diameter 85-110 mm
FAC0,86-B024	FAC0,86-B026
Boring Tool - diameter 123-162 mm	Boring Tool - diameter 158-192 mm



[View machine online](#) →



MADE IN
BRAZIL

Wet Sleeve Seat Facing Machine FAC - GIGANTE -
2.87 to 8.98 inches

FAC-GIGANTE

FAC - GIGANTE precision facing machine for wet sleeve seat opening in engine blocks. Capacity 2.87 to 8.98 inches (Ø73 to Ø228mm) with 6 tools included. Chinellatto national technology for professional machine shops

Specifications

Capacidade de abrir assentos de
camisas molhadas

Ø73 a Ø228 mm



Details



[View machine online](#) →

Shaft for FAC-86 Resurfacer Scania 124
Engine Block



MADE IN
BRAZIL

EIXO_SCANIA_124

Special shaft EIXO_SCANIA_124 for precise machining of Scania 124 blocks on FAC-86 resurfacer. Specifically adapted to FAC-86 equipment for wet sleeve seat machining applications.

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MADE IN
BRAZIL



FAC-86 Adapter Shaft for Cummins Block

EIXO_CUMMINS

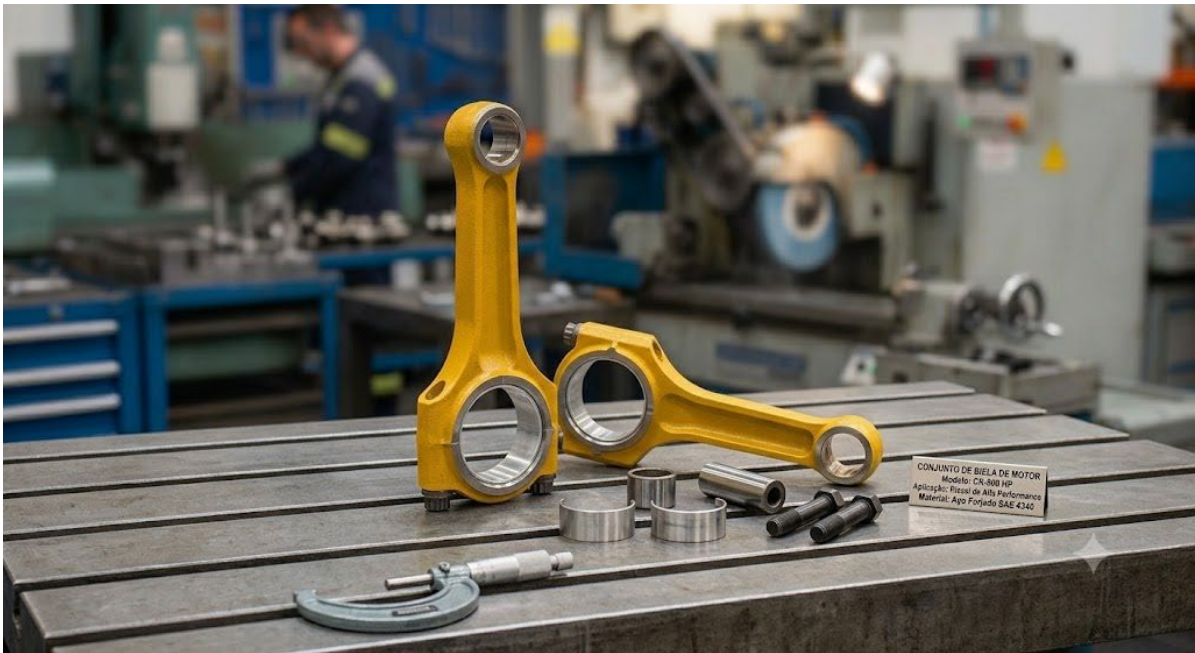
Precision shaft specifically developed for FAC-86 resurfacers in specialized machining of Cummins blocks. Ensures perfect industrial finish on wet sleeve seats with maximum durability and reliability.

[View machine online →](#)

SECTION 04

Connecting Rods

04



Machines in this section

- 01** Connecting Rod Aligner A-650-2R Chinelatto - Ø1.18-5.67in
- 02** Connecting Rod Boring Machine MB-98 Chinelatto - 0.59-3.86in Ca...
- 03** Connecting Rod Boring Machine MB-125 Chinelatto - Ø0.6" to 5"
- 04** Connecting Rod Grinder and Boring Machine RB-125
- 05** Diamond Connecting Rod Honing Machine BB-98 Chinelatto
- 06** Connecting Rod Cap and Bearing Grinder RSP-1 Chinelatto 2HP

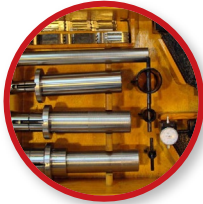
Connecting Rod Machines



MADE IN
BRAZIL



Details



Connecting Rod Aligner Chinelatto - Ø1.18-5.67in

A-650-2R

Professional connecting rod aligner A-650-2R for demanding machine shops. Aligns rods with precision from Ø1.18-5.67in (Ø30-144mm) and 15.75in (400mm) centers.

Specifications

Dimensions of Rectified Plan	9.843" x 25.591"
Capacity Fixing Rods - Ø Min ~ Max	Ø 1.181" ~ 5.669"
Maximum length between centers of the rod	15.748"
Weight Aligner	143 lb
Weight Aligner + Accessories	196 lb
Shipping Weight	240 lb

[View machine online →](#)

Connecting Rod Boring Machine Chinelatto - 0.59-3.86in Capacity



MADE IN
BRAZIL

MB-98

MB-98 boring machine for engine connecting rods with industrial precision. 0.59-3.86in (15-98mm) capacity, interchangeable tools, automatic feed 1.77 IPM (45mm/min). 0.5hp motor, 3.15-12.6in centers.

Specifications

MB98-C024	MB98-C027
Con-Rod Tool - diameter 6 x 20,5 mm	Con-Rod Tool - diameter 8 x 19,5 mm
MB98-C029	MB98-C030
Con-Rod Tool - diameter 8 x 50 mm	Con-Rod Tool - diameter 8 x 50 mm - with insert
MB125-D025	MB125-D028
Con-Rod Tool - diameter 6 x 18 mm	Con-Rod Tool - diameter 12 x 76.5 mm - with insert



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Connecting Rod Machines



MADE IN
BRAZIL



Connecting Rod Boring Machine Chinelatto - Ø0.6" to 5"

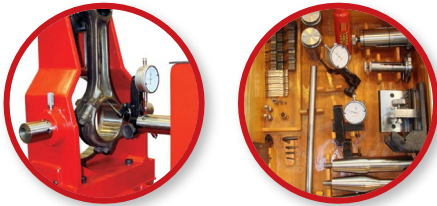
MB-125

High precision connecting rod boring machine, capacity Ø0.6" to 5" (15-125mm) with 4 automatic rotations. 1.0hp motor, adjustable rod table 4.3"-13.8" (110-350mm) centers, feeds 0.6-1" per min.

Specifications

MB98-C024	MB98-C027
Con-Rod Tool - diameter 6 x 20,5 mm	Con-Rod Tool - diameter 8 x 19,5 mm
MB98-C029	MB98-C030
Con-Rod Tool - diameter 8 x 50 mm	Con-Rod Tool - diameter 8 x 50 mm - with insert
MB125-D025	MB125-D028
Con-Rod Tool - diameter 6 x 18 mm	Con-Rod Tool - diameter 12 x 76.5 mm - with insert

Details



[View machine online →](#)

Connecting Rod Grinder and Boring Machine



MADE IN
BRAZIL

RB-125

Dual-function machine for grinding and boring connecting rods 0.59-4.92 inches (15-125MM). 2.7HP motor, 3 speeds (3,500-9,250 rpm), planetary head and complete system for engine shops

Specifications

Diametrical advancement stone to each turn	1/128"
Capacity minimum - maximum	1.18" - 4.92"
03 Rotations spindle door-stone	3.500 - 5.200 - 9.250 rpm
03 Rotations cylinder head planetarium	80 - 125 - 200 rpm
Electric Motor	1.49 kw
Capacity minimum - maximum	0.59" - 4.92"



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Connecting Rod Machines



MADE IN
BRAZIL



Diamond Connecting Rod Honing Machine Chinelatto

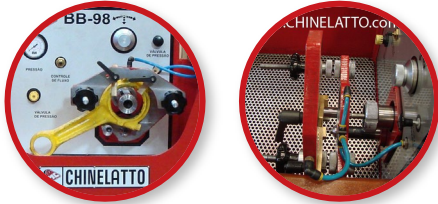
BB-98

Hones connecting rods with professional precision using diamond blades. Capacity Ø1.6-3.9in (41-98mm), 1HP motor, 3 blade holder spindles included. Ideal for engine rebuilding shops.

Specifications

Honing range - min ~ max	Ø 1.614" ~ 3.858"
Spindle motor power	1,0 cv (0.746 kw)
Normal electric power	220 volts - 60hz - 3 fases
Machine (length x width x height)	42" x 37" x 46"
Maritime packing (Length x Width x Height)	45" x 39" x 51"
Net - Gross Approx. weight	639 lb / 816 lb

Details



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Connecting Rod Cap and Bearing Grinder Chinelatto 2HP



MADE IN
BRAZIL

RSP-1

RSP-1 grinder for connecting rod caps and bearings with 0.001" precision. 2HP motor, 8" grinding wheel, 3440 rpm. Professional equipment for specialized engine rebuilding shops.

Specifications

Diameter grinding wheel	8"
Grinding wheel revolution	3.440 rpm
Graduation advancement	0.002"
Electric Motor	1.491 kw
Normal electric power	220 volts - 60hz - 3 ph
Motor power	1.491 kw



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SECTION 05

Flywheels

05



Machines in this section

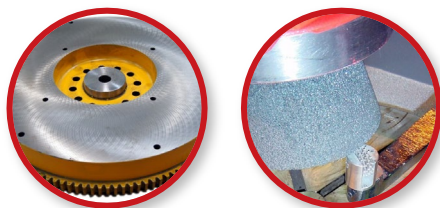
- 01** Flywheel and Clutch Disc Grinder RMG-460X Chinelatto



MADE IN
BRAZIL



Details



Flywheel and Clutch Disc Grinder Chinelatto

RMG-460X

RMG-460X grinder for flywheels and clutch discs with 18-inch (Ø460mm) rotary table, dual speed 16-32 RPM and 20-inch (Ø500mm) maximum capacity. 10hp motor ensures precise grinding in specialized workshops.

Specifications

Rotary table - diameter	Ø 18.7/64"
Grinding capacity - diameter	Ø 19.11/16"
Height - rotary table - grinding wheel	Ø 8.15/32"
Grinding wheel - diameter	Ø 7"
02 Rotating table speeds	16 - 32 rpm
01 Grinding wheel speeds	3.500 rpm

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SECTION 06

Cleaning

06



Machines in this section

- 01** JA-700 Sandblasting Machine Chinelatto - Professional Parts Cle...
- 02** Sandblasting Machine for Parts Cleaning JA-900 - 3/4HP Motor

Sandblasting Machine



MADE IN
BRAZIL



Sandblasting Machine Chinelatto - Professional Parts Cleaning

JA-700

Industrial sandblasting machine for precise automotive component cleaning. 3/4HP motor, 23.6 inches (600MM) internal height, handles parts up to 27.6X27.6 inches (700X700MM). Perfect for professional shops

Specifications

Inside Height	23.5/8"
Air Injector	Ø 1/8"
Nozzle Videia	5/16"
Compressed air consumption	20 pcm
Electric motor 3/4 cv (0,56 kw)	2P - 3.700 rpm
Normal electric power	220 volts - 60hz - 3 ph

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Sandblasting Machine for Parts Cleaning - 3/4HP Motor



MADE IN
BRAZIL

JA-900

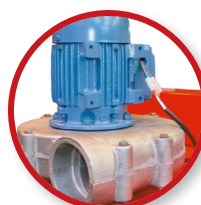
JA-900 industrial blast cabinet for engine rebuild shops and professional workshops. 700x700mm (27.6in) chamber, aluminum oxide, manufactured in-house by Chinelatto since 1962. Factory warranty and spare parts — request...

Specifications

Inside Height	27.9/16"
Air Injector	Ø 1/8"
Nozzle Videia	5/16"
Compressed air consumption	20 pcm
Electric motor 3/4 cv (0,56 kw)	2P - 3.700 rpm
Normal electric power	220 volts - 60hz - 3 ph



Details

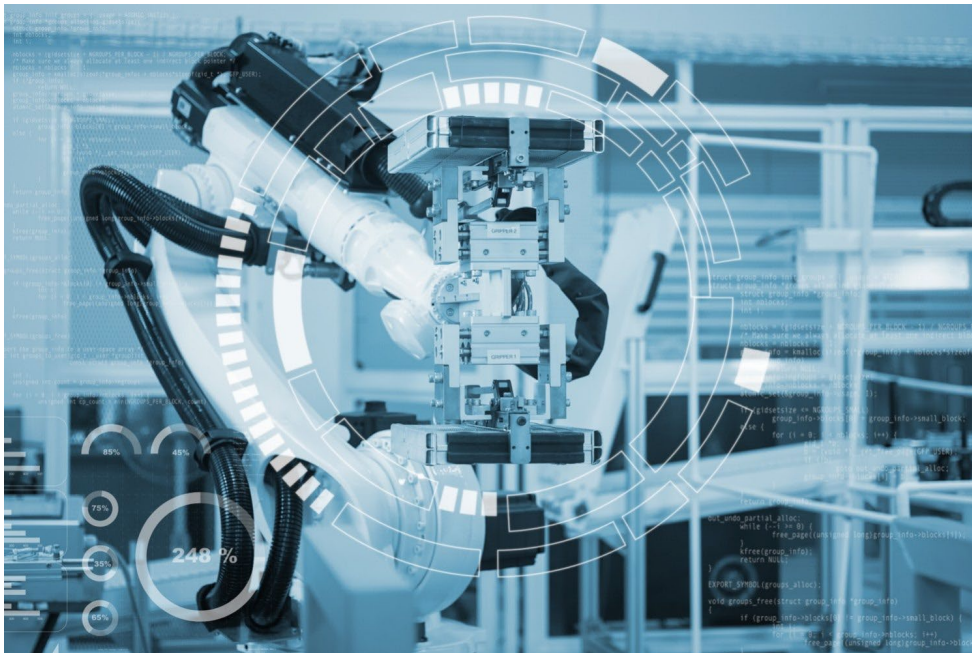


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SECTION 07

Other Equipment

07



Machines in this section

- | | | | |
|-----------|--|-----------|--|
| 01 | Engine Block Camshaft Boring Machine EM... | 07 | Crankshaft Balancer BV - |
| 02 | Cylinder Head Valve Spring Dynamometer... | 08 | Valve Seat Tester VP - Cylinder Head Va... |
| 03 | Hydraulic Valve Guide Press P-15 Chinel... | 09 | Straight Edge Surface Plate RT-1200 - 5... |
| 04 | P-30 Hydraulic Press for Cylinder Liner... | 10 | Straight Edge for Flat Surface Measurem... |
| 05 | Valve Seat Grinder and Seat Cutter RPE... | 11 | Surface Grinding Machine for Metallogra... |
| 06 | Valve Seat Resurfacer and Tool Sharpene... | | |



MADE IN
BRAZIL



Engine Block Camshaft Boring Machine Chinelatto Diesel

EMC-1

EMC-1 portable boring machine for precise machining of camshaft housings in Scania, Volvo and Mercedes diesel blocks. 1.6 inch bar, 5.5 inch hydraulic stroke, complete with 23 tools and specific fixtures.

Specifications

Diameter of the tool rest bar	Ø 1.9/16"
Tool rest bar length	63"
Course of the hydraulic actuator	5.1/2"
Maximum drilling capacity in 400 rpm	Ø 7/8"
Maximum drilling capacity in 920 rpm	Ø 1/2"

Details



[View machine online →](#)

Cylinder Head Valve Spring Dynamometer 330 lbf (150 kgf)



MADE IN
BRAZIL

TM-2

TM-2 dynamometer (spring pressure tester) measures cylinder head valve spring force up to 330 lbf (150 kgf). Stroke 4.7 in (120 mm), diameter up to 2.7 in (68 mm), 220V. Built for engine rebuild shops.

Specifications

Maximum load	331 lbf
Maximum diameter	2.5/8"
Maximum Length	4.3/4"
Electric Tension	220 volts
Width	12.9/16"
Length	15.3/4"



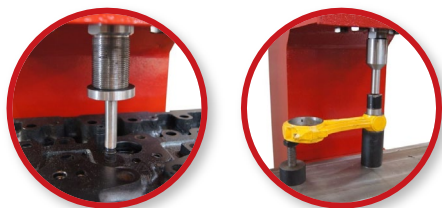
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MADE IN
BRAZIL



Details



Hydraulic Valve Guide Press Chinelatto 15 Tons

P-15

Hydraulic press P-15 removes and installs valve seats, guides and bushings with 15 tons force. 47-INCH (1200MM) floating table for cylinder heads up to 300 lbs (136KG). Ideal for professional shops

Specifications

Dimension / Max headstock weight supported over table	1.100 x 370 mm / 136 kg
Distance between column to piston center	220 mm
Piston speed	780 mm/min
Piston course	200 mm
Maximum Pression	15 toneladas
Float Pressure (air mattress)	6 bar (6,12 kgf / cm2)

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Hydraulic Press for Cylinder Liners - 30 Ton Capacity



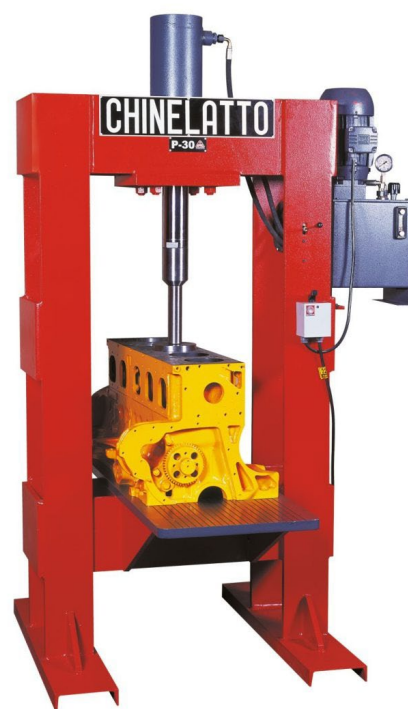
MADE IN
BRAZIL

P-30

P-30 hydraulic press extracts and installs liners in diesel blocks with 30 ton force. 11.8 inches (300MM) stroke, 30.7 IPM (780MM/min) speed, 19.7X59 inches (500X1500MM) table. 5HP motor

Specifications

Maximum piston stroke	11.3/4"
Maximum capacity	30 ton
Piston speed	30.3/4" mm/min
Distance between table - axis (maximum)	22.7/16"
Clearance between columns	26.3/4"
Table dimensions	19.5/8" x 59.1/16"



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BRAZIL

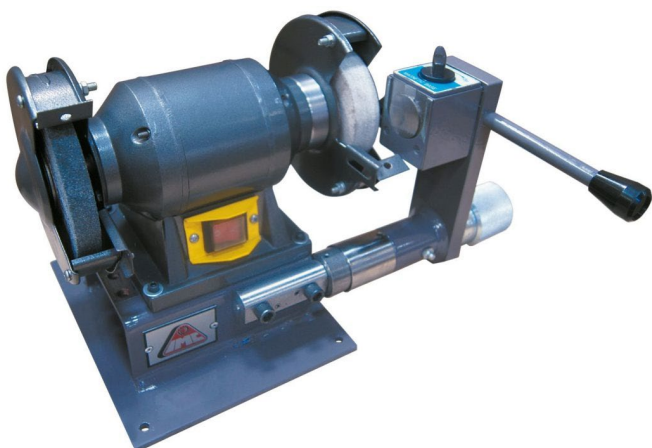
Valve Seat Grinder and Seat Cutter - 150W 2960 rpm

RPE

RPE machine grinds valve seat with professional precision. 150W motor at 2,960 rpm ideal for automotive cylinder heads. 110/220V voltage for specialized grinding workshops

Specifications

Motor power	150 watts
Speed	2.960 rpm
Voltage	110/220 volts - 0,9A
Net weight	15 kg



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Valve Seat Resurfacer and Tool Sharpener



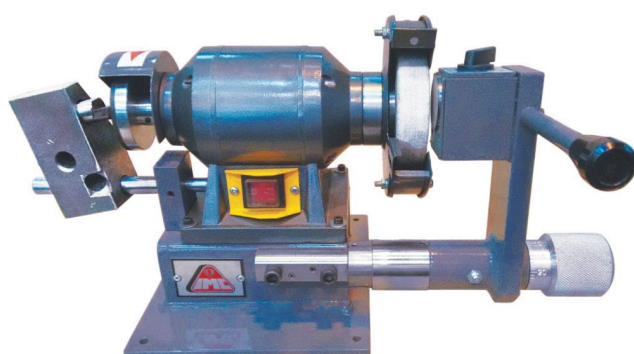
MADE IN
BRAZIL

RPA

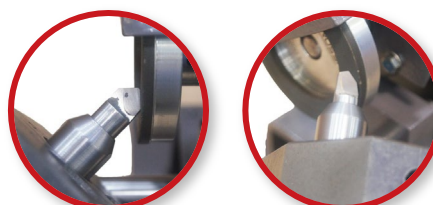
Resurfaces valve seats with millimetric precision and sharpens cutting tools. 150W motor, 2,960 rpm, includes diamond and grinding wheels, tool-holding devices. Ideal for workshops

Specifications

Motor power	150 wats
Speed	2.960 rpm
Voltage	110/220 volts - 0,9 A
Net weight	15 kg



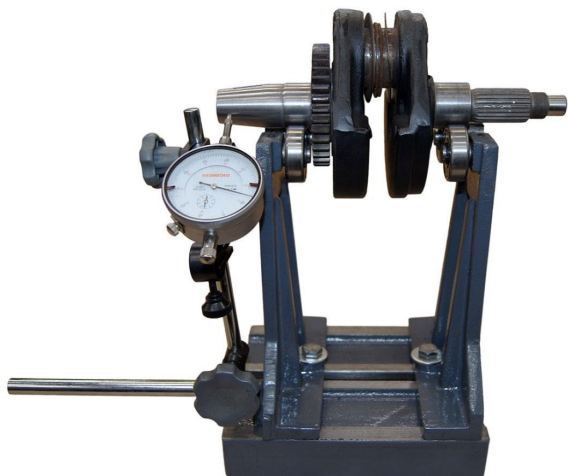
Details



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MADE IN
BRAZIL



Crankshaft Balancer

BV

BV Balancer for small and medium engine crankshafts. Adjustable opening and dial indicator ensure maximum precision in crankshaft balancing for specialized repair shops

[View machine online →](#)

Valve Seat Tester - Cylinder Head Vacuum Measurement System



MADE IN
BRAZIL

VP

Vacuum measurement system to verify perfect valve seating on cylinder heads. Precise equipment for grinding shops and specialized engine workshops

[View machine online →](#)





MADE IN
BRAZIL

Straight Edge Surface Plate - 50 inches (1270MM)

RT-1200

RT-1200 straight edge measures cylinder head flatness with millimetric precision. Double T structure in GG-25 cast iron, 50 inches (1270MM) length for large engines. Ground surface finish



Specifications

Width	2"
Height	3.3/8"
Length	50"
Weight	29 lb

Details



[View machine online](#) →

Straight Edge for Flat Surface Measurement - Chinelatto 34 inches



MADE IN
BRAZIL

RT-800

RT-800 precision straight edge for measuring flat surfaces on cylinder heads and engine blocks. Capacity up to 34 inches (870MM), normalized GG-25 cast iron structure with ground surface for maximum durability

Specifications

Width	2"
Height	3.3/8"
Length	50"
Weight	20 lb



Details



[View machine online](#) →



MADE IN
BRAZIL



Surface Grinding Machine for Metallographic Samples

RC-310

RC-310 surface grinding machine for metallographic sample preparation in laboratory. Capacity 6.3X6.3 inches (160X160MM), magnetic fixture, 5HP 3,500RPM motor and integrated cooling

Specifications

Capacity square rectification	6.9/32" x 6.9/32"
Maximum capacity rectangular rectification	23.5/8" x 1"
Maximum height between Grinding wheel and base	11.3/4"
Electric Motor - Grinding wheel	3.729 kw
01 Rotation - Grinding wheel	3.500 rpm
Cooling pump	0.089 kw

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SECTION 08

Imported Machines



Machines in this section

- 01** Portable Cylinder Boring Machine BCM-80 - 1.8-3.1 inches
- 02** RVCH-100 Valve Grinding Machine with Quick Fixture System Impor...
- 03** Hydraulic Honing Machine BHCN-140 - Cylinders Ø1.6-5.5IN
- 04** Imported Cylinder Boring Machine BCP-140
- 05** Cylinder Boring Machine BCP-165 - 3.15 to 6.3 inches Industrial

Portable Cylinder Boring Machine - 1.8-3.1 inches



BCM-80

Portable boring machine BCM-80 for precise automotive cylinder boring from 1.8 to 3.1 inches (Ø46-80MM). Maximum cut 0.02 inches (0.5MM), 486 rpm, 6.3 inches (160MM) depth with integrated sharpener

Specifications

Fabrication	Imported
Boring Capacity	Ø46 ~ Ø80 mm
Transmission	Belt
Max. Boring Capacity - Diam.	0,5 mm
Working revolutions	(1) 486 rpm
Max. Depth	160 mm

[View machine online →](#)

Valve Grinding Machine with Quick Fixture System Imported

RVCH-100

Grinds valves from Ø0.18 to Ø0.49 inches (Ø4.5 to Ø12.5MM) with imported quick fixture system. Increases productivity in engine rebuilding shops with precision and speed

[View machine online →](#)



Hydraulic Honing Machine - Cylinders Ø1.6-5.5IN

BHCN-140

Professional hydraulic honing machine BHCN-140 for cylinder honing Ø1.6 to 5.5 inches (40-140MM) with high precision. Imported equipment ideal for engine machine shops and specialized workshops

[View machine online →](#)



Imported Cylinder Boring Machine

BCP-140

Imported cylinder boring machine BCP-140 for high-precision engine machining. Boring capacity from 2.56 to 5.51 inches (Ø65-140MM). Robust equipment ideal for professional machine shops

[View machine online →](#)



Cylinder Boring Machine - 3.15 to 6.3 inches Industrial

BCP-165

BCP-165 cylinder boring machine for precise machining of 3.15 to 6.3 inch (Ø80 to Ø160mm) cylinders. Imported equipment ideal for engine shops and automotive industries requiring precision

[View machine online](#) →





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