



**HEAVY-DUTY
GRINDING
MACHINES
FOR FOUNDRY**



WHAT WE DO

LEADER IN LATIN AMERICA, REBEL DEVELOP AND MANUFACTURE HEAVY-DUTY AND MODERN EQUIPMENT FOR **DEBURRING, GRINDING, SANDING AND CUTT-OFF** FOUNDRY, FORGED AND MICRO-CAST PARTS OF DIFFERET SIZES AND MATERIALS.

OUR MACHINES USE:

GRINDING WHEEL, SANDING BELT OR CUTTING DISC.



THE REBEL EQUIPMENT, FOLLOW THE NORMS REQUIRED BY THE ASSOCIATION BRAZILIAN TECHNICAL STANDARDS AND SECURITY LAWS.



THE EQUIPMENT IS TESTED AND APPROVED BY THE ENGINEERING AND CUSTOMERS AT REBEL BEFORE DELIVERY.



Brazilian association of machines and foundries.

1970

ABOUT US

Located in Brazil since 1970, REBEL manufactures machines for deburring castings. There are several models of equipment geared towards the foundry industry. Over 3,000 machines manufactured and distributed throughout Latin America



SHEET STRUCTURE
STEEL SOLDIER FOR
PERFECT STABILITY
AND A STRONG AND LONG
DURABILITY OF THE MACHINE.

MACHINING ON LATHES
CNC TO GUARANTEE
STANDARDS AND MEASURES
TECHNIQUES REQUIRED.





HEAVY-DUTY WHEEL GRINDING MACHINES

Heavy duty wheel grinding machines
for deburring castings of different
sizes and materials.

HEAVY-DUTY WHEEL GRINDER MACHINES

Automatic BodyGard system
to protect the operator in case
of wheel breakage.



600RB60

The 600RB60 can deburring
80% MORE PARTS than old
machine with dual wheel grinding
(through axle),

600RB60

Power: 15 HP

Wheel size
Diameter: 24" (609,6 mm)
Width: 50 or 60 mm
Internal diameter: 8" (203,2 mm)

Wheel Speed: 63 mts/ sec.
3 stations of variable speed
of wheel grinding.

Automatic BodyGard System to protect
the operator in case of wheel breakage.

400RB60

Power: 7,5 HP

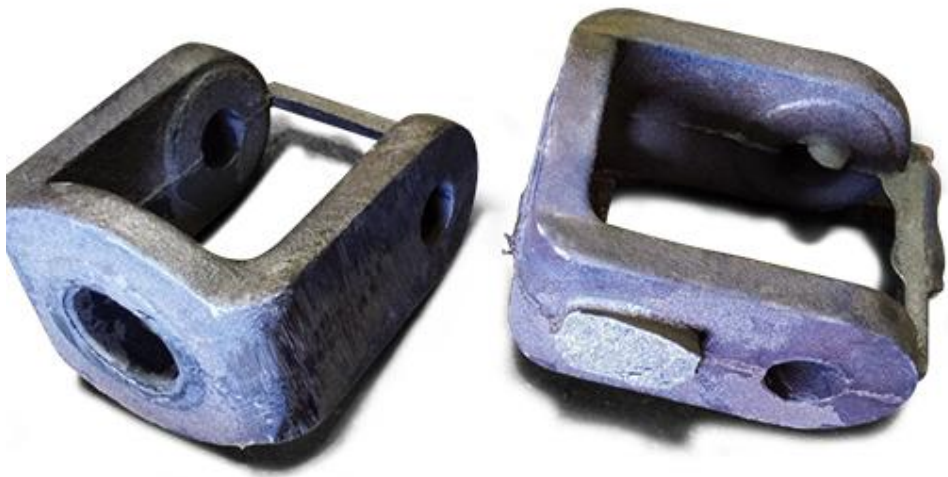
Wheel size
Diameter: 16" (406,4 mm)
Width: 50 or 60 mm
Internal diameter: 5" (127 mm)

Wheel Speed: 63 mts/ sec.

Automatic BodyGard System to protect
the operator in case of wheel breakage.



400RB60



grinded by
600RB60



SWING FRAME GRINDING MACHINE

The Swing Frame Grinder is a heavy-duty and versatile machine with movements, for deburring larges castings and forges parts.

Power: 15 or 20 HP

Wheel size
Diameter: 20" (508 mm)
Width: 50 or 60 mm
Internal diameter: 8" (203,2 mm)

Wheel Speed: 63 mts/ sec.
Angulation system: 0° to 90° / 0° to 45°



"SWING" system that allows ANGLE of the grinder at 0-90° facilitating the angular attack on the part.



ON - OFF button on handlebar



Electric panel



**AUTOMATIC
WHEEL
GRINDING
MACHINES**

HEAVY DUTY WHEEL GRINDING
MACHINE FOR DEBURRING
FOUNDRY PARTS OF DIFFERENT
SIZES AND MATERIALS

AUTOMATIC WHEEL GRINDING MACHINES



R-MASA

Automatic heavy Duty Machine for deburring round geometry castings of different sizes and materials



R-MASA 1/400

Power: 15 HP

Wheel size:
Diameter: 16" (406,4 mm)
Width: 50 or 60 mm
Internal diameter: 5" (127 mm)

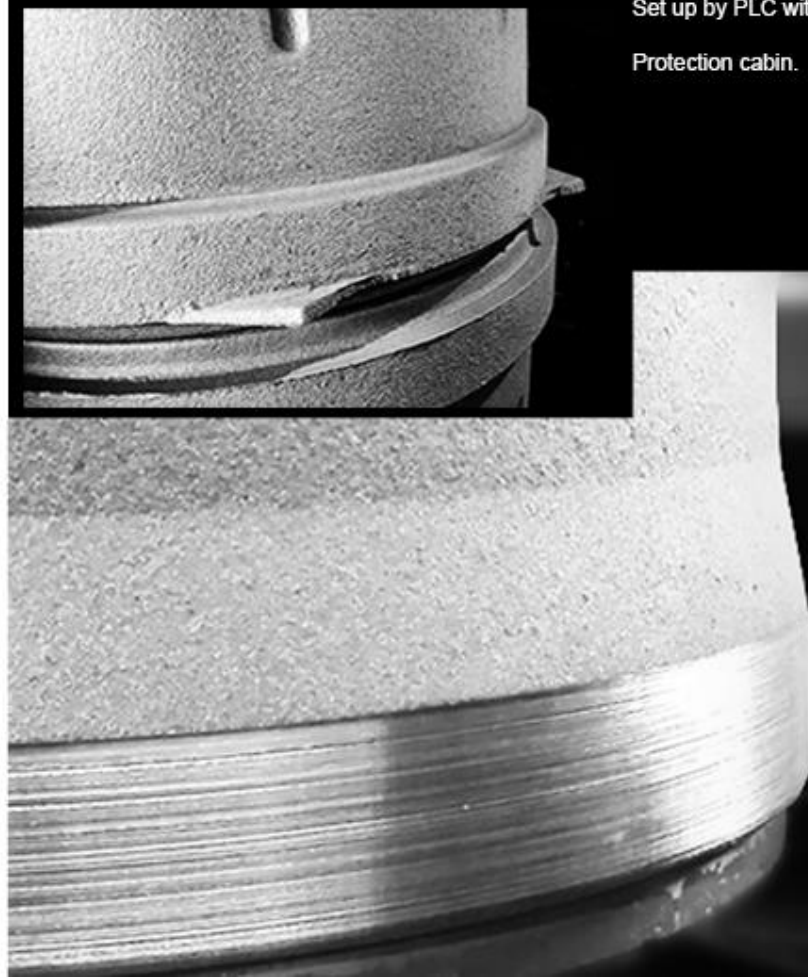
Wheel Speed: 63 mts/ sec

Workpiece speed programming.

Set up of height and distance of the piece.

Set up by PLC with touch screen.

Protection cabin.





WHEEL GRINDING HORIZONTAL FLAT MACHINE

Automatic and linear design for grinding cast, forged and micro-fused flat face parts.

Operating in line with 1 or more finishers, the RPH can operate with wheel grinding or sanding belt. This machine is ideal for large series productions.

WHEEL GRINDING HORIZONTAL FLAT MACHINE



RPH

Automatic and linear design for grinding cast, forged and micro-fused flat face parts.

Operating in line with 1 or more finishers, the RPH can operate with wheel grinding or sanding belt. This machine is ideal for large series productions.

Programmable process speed.
Quick and easy set-up.
Refrigerated or dry operation.
Allows you to remove material from sizes.



SWING FRAME SANDING BELT MACHINES

The Swing Frame sanding belt is a heavy-duty and versatile machine with movements, for sanding larges castings and forges parts.

Power: 7,5 or 10 HP

Belt size: 2.500 x 75 or 100mm

Belt Speed: 33 m/s

Contact wheel: 350 x 75 or 100mm
Milled contact wheel.

Angulation system: 0° to 90° / 0° to 45°
Pneumatic system for fixing the sandind belt.
Auto shut-off if the sanding belt breaks.

SANDING BELT MACHINE

AZ

Model: AZ Single or double belts

Power: 5 or 7,5hp

Belt size: 3000 x 50 or 75mm

Belt speed: 33m/ sec.

Contact wheel: 350 x 50 or 75mm
Milled contact wheel.

Pneumatic system for fixing the sand belt.

Support table with angulation.

Auto shut-off if the sanding belt breaks.

Automatic shut-off if the guard door
is opened.



The AZ sanding belt is heavy-duty equipment with POWER for finishing castings, forged, micro-cast and injected parts with little burr, different materials and different geometric shapes.



RUBBER CONTACT WHEEL

Proper selection of the contact wheel allows longer abrasive belt and provides great benefits:

Amount of material removed and quality in finishing.

DIMENSIONS AND HARDNESS AVAILABLE.

DIAMETER (mm)	WIDE (mm)	WHEEL HARDNESS (shore)
350	50-75-100	45-75
300	50-75-100	45-75
250	50-75-100	45-75

We do rubber and balancing used wheels.

* if you want another diameter, width and hardness. Please specif



CUT-OFF MACHINES



Heavy-Duty machine for
cut-off micro-casting and
foundry parts.

AUTOMATIC CUT-OFF MACHINE

Heavy Duty Automatic single
or double cut-off machine for
micro-casting.



Laser to signal the cut site.



MASA CUT-OFF

Model:

Automatic cut-off machine - MASA 1/400

Power: 7,5 or 10 HP

Wheel Disc size: 16" (406,4 mm) x 4mm

Wheel Disc Speed: 80 mts /sec.

Workpiece speed programming.

Set up of height and distance of the piece.

Set up by PLC with touch screen.

Laser to signal the cut site.

Protection cabin.



CUT-OFF 400RB60

Heavy-Duty equipment for the cut-off microcast pieces of different sizes, geometric shapes and materials.

Measures

Height: 1.341mm
Width: 990mm
Depth: 1.027mm

Power

5 or 7.5 hp high performance

Cutting disc:

Diameter: 6 "(406.4) or 20" (508) x 4mm

Cutting speed:

60 to 80 mts / sec

Start button on / off.

Emergency button

automatic shut off and
or non-functioning if
the pickup door is open.

Automatic enclosure of the
disc in case of breakage.



CUT-OFF SWING FRAME

Heavy duty equipment
for CUT-OFF large foundry
parts of different sizes,
geometric shapes and
materials.

Power
10 or 15hp high performance

Cutting disc:
Diameter: 16 "(406.4) or 20" (508) x 4mm.

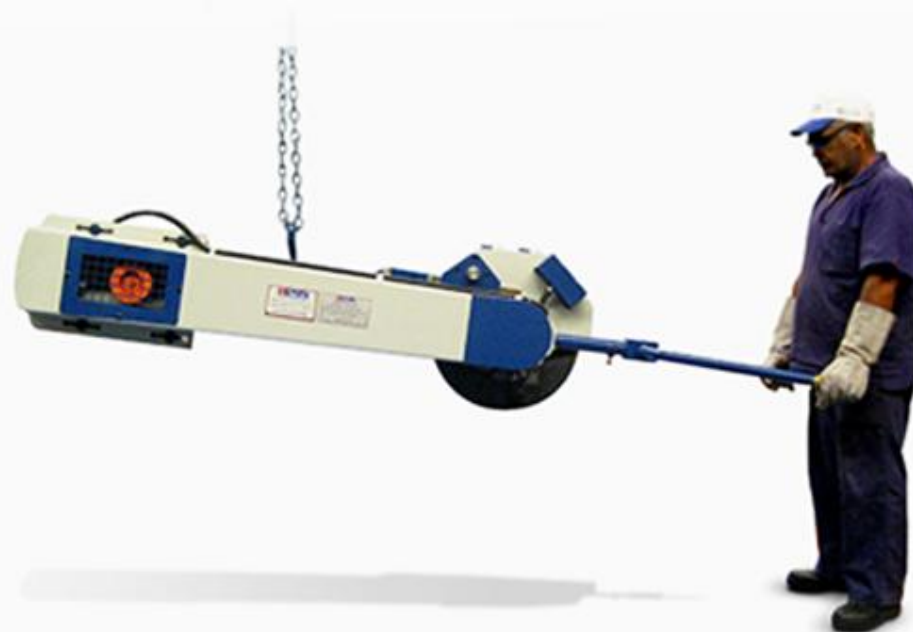
Cutting speed:
80 mts / sec.

Start button on / off
at the operator hand.

Emergency button

automatic shut off and
or non-functioning if
the pickup door is open.

Automatic machine shutdown
if the operator moves away from it.





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