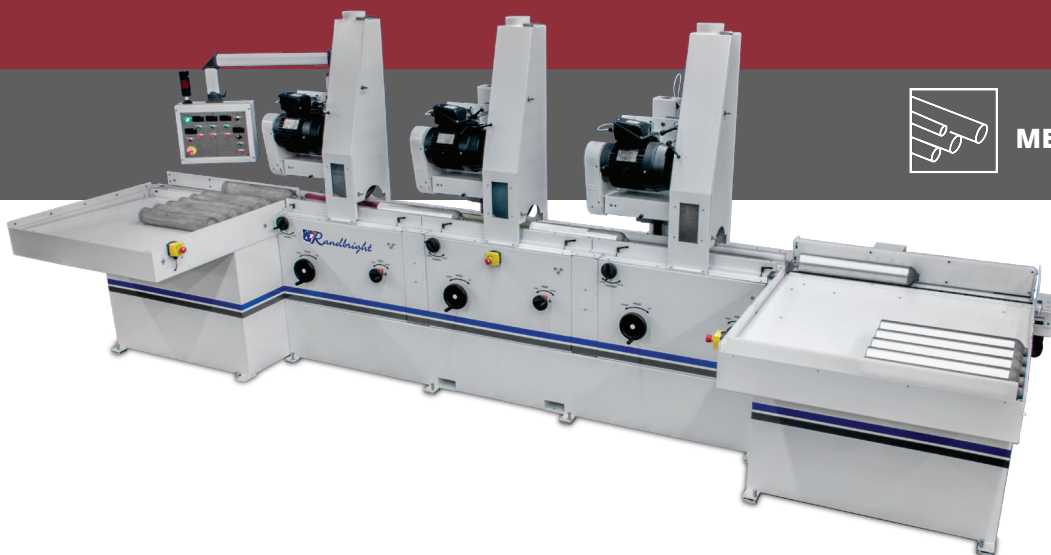




RANDBRIGHT SERIES

CENTERLESS DEBURRING, FINISHING & POLISHING



METAL | 2022 PUBLICATION

 **Randbright**

Randbright

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SERIES



**RB 10
D**
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**RB 60
D**
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SERIES



**RB 60
W**
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SERIES



**RB 80/120
D/W**
.....
SERIES

RANDBRIGHT™

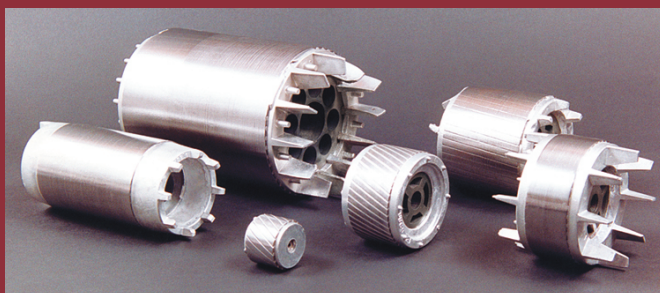
ABOUT RANDBRIGHT

Randbright Dry/Wet Centerless Deburring, Finishing and Polishing Machines run a variety of abrasive belts, finishing wheels, wire brushes, and buffing wheels for grinding, finishing, deburring, brushing, and cleaning. Our machines are a modular design utilizing common platforms, multi-head configuration(s), and locally sourced component parts. This allows us maximum flexibility when building a machine specifically for you.

Applications include welded pipes, tubes, and stainless steel hand rails as well as electrical motor rotors, medical devices, steering racks, automotive valves, camshafts, piston rings, brake calipers, transmission components, zirconium tubing, lighting fixtures, diesel injectors, hydraulic piston rods, brass tubing, helicopter rotor pins, and more.

Randbright Series machines and systems are 100% designed, engineered, manufactured and serviced in America since 1972. Several models and systems are available depending upon customer requirements.

The Only True Grit That Remains Is Us. Randbright.





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RANDBRIGHT SERIES DRY/WET

CENTERLESS DEBURRING, FINISHING & POLISHING

Industries & Applications

A few of the industries we serve include:

Automotive

Grinding, Cleaning, Deburring, Deslagging,
Finishing, Polishing

Medical Device

Deburring, Finishing, Polishing

Aerospace

Cleaning, Deburring, Finishing

Electrical Motors & Pumps

Deflashing, Finishing, Polishing

Mechanic Tools

Finishing, Polishing

Architectural Tube and Pipe

Grinding, Deburring, Finishing, Polishing

ATV/Motorcycle

Grinding, Deburring, Finishing, Polishing

Plumbing Tube and Pipe

Deburring, Finishing, Polishing

Fire Suppression

Deburring, Finishing

Automotive Air Bag Inflators

Cleaning, Deslagging

Machine Model	Wet/Dry	Motor Size	Spindle Diameter	Feed Drum (Length x Diameter)	Abrasive Belt Size (Width x Diameter)	Abrasive Wheel Size (Width x Diameter)	Maximum Part Diameter
RB 10D	Dry	1 HP	1"	4" x 7.25"	1" x 37.78" or 2" x 37.78"	1" x 12" or 2" x 12"	1"
RB 60D	Dry	5 HP	1.25"	18" x 7.25"	4" x 90"	4" x 12"	6"
RB 60W	Wet	5 HP	1.25"	18" x 7.25"	4" x 90"	4" x 12"	6"
RB 80D	Dry	10 HP	2"	32" x 11.25"	6" x 90"	6" x 14"	8"
RB 80W	Wet	10 HP	2"	32" x 11.25"	6" x 90"	6" x 14"	8"
RB 120D	Dry	15 HP	2"	32" x 11.25"	8" x 90"	8" x 14"	12"
RB 120W	Wet	15 HP	2"	32" x 11.25"	8" x 90"	8" x 14"	12"



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RB 10 DRY

The RB 10 Dry is a compact, portable, bench top machine for light-duty applications as found in job shops, small businesses, and a variety of light manufacturing environments using non-woven abrasive wheels/brushes.

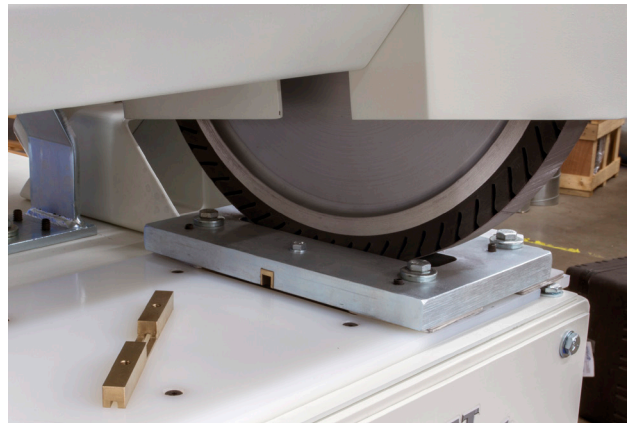


Standard Features

- + Bench top design
- + Mechanical variable speed drive
- + Spring-loaded head assembly
- + Head assembly with TEFC motor
- + Ammeter for head assembly
- + Handwheel adjusted part thickness and head pressure
- + Adjustable UHMW guide blades
- + Two (2) dust collection pick-ups
- + Hinged access door for ease of changing abrasive wheel
- + One (1) pair of 3M #356 flanges and Scotch-Brite™ wheel
- + Maximum part diameter is (1) inch
- + 110 volt, single phase supply power
- + Optional pop-up head and small part diameter guide blade kit
- + Optional small part diameter kit, 0.25 inch diameter (6.35 mm)



Finished Metal Parts



Small Part Diameter Kit with 1-inch wide expanding contact drum for coated abrasive belt

RB 10D Specifications:

Motor	1 HP with 1.00" diameter spindle
Feed Drum	4" x 7.25"
Abrasive Belt Size	1" x 37.78" or 2" x 37.78"
Abrasive Wheel Size	2" x 12"
Maximum Part Diameter	1"



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RB 60 SERIES DRY

The RB 60 Dry Series machines are centerless, outside diameter deburring and finishing machines that are ideal for a large variety of cylindrical parts using abrasive belts and finishing wheels.



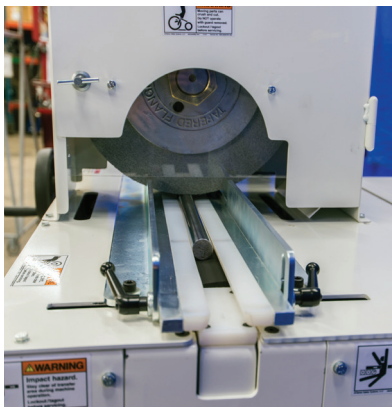
RB 60D-2 Two Head Dry Machine
with (2) brush head assemblies; shown with
optional belt conveyors

Standard Features

- + Heavy-duty welded steel frame
- + Rubber-coated feed drum with handwheel adjusted skew angle and mechanical counter
- + Electronic variable speed feed drum control
- + Head assembly(s) mounted on dovetail slides with mechanical counter
- + TEFC-rated abrasive belt/wheel motor with large diameter spindle
- + Digital ammeter for each head assembly
- + Large diameter contact drum and idler roller are high speed balanced
- + Pneumatic-loaded idler roller with mechanical tracking system
- + Handwheel adjusted part diameter and head pressure
- + Handwheel adjusted guide blade supports with standard UHMW inserts
- + 24 volt electric control panel with push button controls
- + 3M #356 flanges, abrasive belts and Scotch-Brite™ wheels
- + Available in belt head, brush head and/or buff head (dry only) configurations

Dry Only

- + Dust collection pickup(s)



Optional Accessories

- + Automatic load/unload tables
- + Custom guide blade non-marring inserts
- + Short part and small diameter part kits
- + Go/No Go light kits
- + Pop-up head kits
- + Buffing compound applicators
- + Automatic lubrication systems
- + Electronic abrasive head speed and thickness controls

RB 60D Specifications:

Motor	5 HP with 1.25" diameter spindle
Feed Drum	18" x 7.25"
Abrasive Belt Size	4" x 90"
Abrasive Wheel Size	4" x 12"
Maximum Part Diameter	6"



METAL

RB 60 SERIES WET

The RB 60 Wet Series machines are designed with the same features as the RB 60 Dry Series with the addition of a paper bed filter, stainless steel collection trays, and coolant nozzles for wet applications.



RB 60W-1 Single Head Wet Machine with belt head assembly; shown with optional pop-head control

Standard Features

- + Heavy-duty welded steel frame
- + Rubber-coated feed drum with handwheel adjusted skew angle and mechanical counter
- + Electronic variable speed feed drum control
- + Head assembly(s) mounted on dovetail slides with mechanical counter
- + TEFC-rated abrasive belt/wheel motor with large diameter spindle
- + Digital ammeter for each head assembly
- + Large diameter contact drum and idler roller are high speed balanced
- + Pneumatic-loaded idler roller with mechanical tracking system
- + Handwheel adjusted part diameter and head pressure
- + Handwheel adjusted guide blade supports with standard UHMW inserts
- + 24 volt electric control panel with push button controls
- + 3M #356 flanges, abrasive belts and Scotch-Brite™ wheels

Wet Only

- + Manual paper bed filter with clean tank, sludge bin and clean fluid return pump (single head)
- + Automatic paper bed filter with 10 GPM flow rate and 45 gallon tank (multiple head)
- + Two (2) flexible coolant nozzles per head
- + Stainless steel catch pan to contain water/coolant

Optional Accessories

- + Automatic load/unload tables
- + Custom guide blade non-marring inserts
- + Short part and small diameter part kits
- + Go/No Go light kits
- + Pop-up head kits
- + Buffing compound applicators
- + Automatic lubrication systems
- + Electronic abrasive head speed and thickness controls



RB 60W Specifications:

Motor	5 HP with 1.25" diameter spindle
Feed Drum	18" x 7.25"
Abrasive Belt Size	4" x 90"
Abrasive Wheel Size	4" x 12"
Maximum Part Diameter	6"

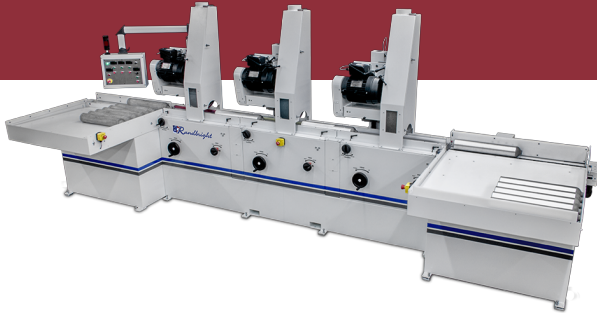




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RB 80/120 SERIES DRY/WET

The RB 80/120 Dry/Wet Series machines are designed for large diameter parts. Available in one to four head configurations for single pass flow.



RB 120D-3 Head Machine with three (3) assemblies; shown with optional heavy-duty load/unload tables with chain/roller conveyor



RB 80D-1 is a centerless, outside diameter deburring and finishing machine that is ideal for a large variety of cylindrical parts using abrasive belts and finishing wheels while efficiently increasing safety and product quality.

Standard Features

- + Heavy-duty welded steel frame
- + Rubber-coated feed drum with handwheel adjusted skew angle and mechanical counter
- + Electronic variable speed feed drum control
- + Head assembly(s) mounted on dovetail slides with mechanical counter
- + TEFC-rated abrasive belt/wheel motor with large diameter spindle
- + Digital ammeter for each head assembly
- + Large diameter contact drum and idler roller are high speed balanced
- + Pneumatic-loaded idler roller with mechanical tracking system
- + Handwheel adjusted part diameter and head pressure
- + Handwheel adjusted guide blade supports with standard UHMW inserts
- + 24 volt electric control panel with push button controls
- + 3M #356 flanges, abrasive belts and Scotch-Brite™ wheels
- + Available in belt head, brush head and/or buff head (dry only) configurations

Dry Only

- + Dust collection pickup(s)

Wet Only

- + Manual paper bed filter with clean tank, sludge bin and clean fluid return pump (single head)
- + Automatic paper bed filter with 10 GPM flow rate and 45 gallon tank (multiple head)
- + Two (2) flexible coolant nozzles per head
- + Stainless steel catch pan to contain water/coolant

Optional Accessories (Dry & Wet)

- + Automatic load/unload tables
- + Custom guide blade non-marring inserts
- + Short part and small diameter part kits
- + Go/No Go light kits
- + Pop-up head kits
- + Buffing compound applicators
- + Automatic lubrication systems
- + Electronic abrasive head speed and thickness controls

RB 80D/W Specifications:

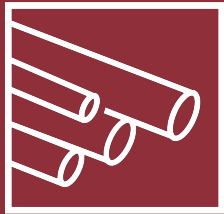
Motor	10 HP with 2.0" diameter spindle
Feed Drum	32" x 11.25"
Abrasive Belt Size	6" x 90"
Abrasive Belt/Brush	6" x 14"
Maximum Part Diameter	8"

RB 120D/W Specifications:

Motor	15 HP with 2.0" diameter spindle
Feed Drum	32" x 11.25"
Abrasive Belt Size	8" x 90"
Abrasive Belt/Brush	8" x 14"
Maximum Part Diameter	12"



METAL



100% Designed, Engineered, Manufactured & Serviced in America

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