**Randbright Deburring & Finishing Machines**

Randbright Machines run a variety of abrasive belts, finishing wheels, wire brushes, and buffing wheels for grinding, finishing, deburring, brushing, and cleaning. 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 features, diesel injectors, hydraulic piston rods, brass tubing, helicopter rotor pins, and more.

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**Randbright RB 30/60D Dry Machines**

**RB 30/60D Dry Machines**

A centerless, outside diameter deburring and finishing machine that is ideal for a large variety of cylindrical parts using abrasive belts and finishing wheels.

**RB 60D Specifications**
- Motor: 5 HP with 1.25” diameter spindle
- Feed Drum: 18” long x 7.25” diameter
- Abrasive Belt/Brush: 4” wide x 12” diameter
- Maximum Part Diameter: 6 inches

**RB 30D Specifications**
- Motor: 3 HP with 1.0” diameter spindle
- Feed Drum: 6” long x 6” diameter
- Abrasive Belt/Brush: 3” wide x 12” diameter
- Maximum Part Diameter: 3 inches

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**Randbright**

**General Features (Dry & Wet)**
- Heavy-duty welded steel frame
- Rubber coated feed drum with hand-wheel adjusted skew angle and mechanical counter
- Electronic variable speed feed drum control
- Head assemblies are 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
- Hand-wheel adjusted part diameter and head pressure
- Hand-wheel adjusted guide blade supports with standard UHMW inserts
- 24 volt electric control panel with push button controls
- 3M #350 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 model)
- Automatic paper bed filter with 10 GPM flow rate and 45 gallon tank (multiple head models)
- Two (2) flexible coolant nozzles per head
- Stainless steel catch pan to contain water/coolant

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**Randbright RB 30D-1 Single Head Dry Machine** with belt head assembly, shown with optional pop-head assembly.

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

**Optional Infeed/Outfeed Belt Conveyors**

**Standard Guide Blade Kit**
Randbright RB 60W Wet Machines

**RB 60W WET MACHINES**
Designed with the same features as the RB 60D configured with paper bed filter, stainless steel collection trays, and coolant nozzles for wet applications.

**RB 60W Specifications**
- Motor: 5 HP with 1.25" diameter spindle
- Feed Drum: 18" long x 7.25" diameter
- Abrasive Belt/Brush: 4" wide x 12" diameter
- Maximum Part Diameter: 6 inches

**RB 60W-1 Single Head Wet Machine** with belt head assembly; shown with optional pop head control
- Large diameter contact drum and idler rollers

**RB 60W-2 Two-Head Wet Machine** with (2) belt head assemblies; shown with optional automatic load/unload tables and belt conveyor
- Automatic Load/Unload Tables
- Five foot long table with power belt conveyor

**Automatic Paper Bed Filter**
- Includes 10 GPM pump, 45-gallon tank and 30-inch paper filter

**Custom Guide Blade Kit**
- Includes non-marring inserts for brass and aluminum parts
RB 80/120 Wet or Dry Machines & Systems

RB 80/120 WET OR DRY MACHINES
Designed for large diameter parts. Available in one to four head configurations for single pass flow. Wet or dry models.

RB 120D/W Specifications
- Motor: 15 HP with 2.0" diameter spindle
- Feed Drum: 32" long x 11.25" diameter
- Abrasive Belt/Brush: 8" wide x 14" diameter
- Maximum Part Diameter: 8 inches

RB 800D/W Specifications
- Motor: 10 HP with 2.0" diameter spindle
- Feed Drum: 32" long x 11.25" diameter
- Abrasive Belt/Brush: 6" wide x 14" diameter
- Maximum Part Diameter: 8 inches

Optional Accessories for all Dry/Wet Models
- 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 & thickness controls

RB 800-1 Single Head Dry Machine with belt head assembly

RB 800C-1 Brushing Machine specifically designed to use in the electric motor manufacturing industry to remove flashing on electric motor rotors after the die cast operation.

Automatic Load/Unload Tables
Powered Intermediate Roller
Manual Load/Unload Tables

Includes hand wheel adjusted part guides