## Specifications

Specifications, electrical requirements, and air consumption will vary based on options, configuration, and production requirements.

### Cabinet Model

**ZERO BNP 2.5 Tumble Belt**
- **Cabinet Dimensions**: 33” W x 36” D x 64” H
- **Door Size**: 19.5” W x 36” H
- **Load Capacity**: 2.5 cu ft
- **Load Limit**: 250 lbs (25 lb max part wt.)
- **Belt Width**: 21” W
- **Drive Motor**: 3/4 hp
- **Blast Gun**: 2 - #6 ZERO Auto Guns
- **Air Consumption**: 94 scfm @ 80 psi
- **Minimum Air Supply**: 1” in. NPT
- **Reclaimer**: 600 cfm
- **Dust Collector**: n/a
- **Electric Needed**: 230 or 460/3/60 (please specify)
- **Full Load Amperage**: ***

**ZERO BNP 3.5 Tumble Belt**
- **Cabinet Dimensions**: 43” W x 36” D x 64” H
- **Door Size**: 30” W x 36” H
- **Load Capacity**: 3.5 cu ft
- **Load Limit**: 500 lbs (25 lb max part wt.)
- **Belt Width**: 34” W
- **Drive Motor**: 6 - #6 ZERO Auto Guns
- **Blast Gun**: 282 scfm @ 80 psi
- **Minimum Air Supply**: 1” in. NPT
- **Reclaimer**: 900 cfm
- **Dust Collector**: 282 scfm @ 80 psi
- **Electric Needed**: 230 or 460/3/60 (please specify)
- **Full Load Amperage**: ***

**ZERO BNP 7.0 Tumble Belt**
- **Cabinet Dimensions**: 56” W x 48” D x 77” H
- **Door Size**: 42” W x 34” H
- **Load Capacity**: 7.0 cu ft
- **Load Limit**: 800 lbs (25 lb max part wt.)
- **Belt Width**: 6 - #6 ZERO Auto Guns
- **Blast Gun**: 282 scfm @ 80 psi
- **Minimum Air Supply**: 1” in. NPT
- **Reclaimer**: 1800 cfm
- **Dust Collector**: 1800 cfm RPH-4
- **Electric Needed**: 230 or 460/3/60 (please specify)
- **Full Load Amperage**: ***

### Cabinet Model

**ZERO BNP 162 1 cu ft Tumble Barrel**
- **Cabinet Dimensions**: 24” W x 36” D x 65” H
- **Door Size**: 24” W x 44” H
- **Barrel Capacity**: 1.0 cu ft
- **Barrel Dimensions**: 24” Diameter x 12” W
- **Barrel Load Limit**: 100 lbs
- **Barrel Door**: 12” W x 10” H
- **Tumble Drive Motor**: 1/2 hp
- **Blast Gun**: 2 - #5 ZERO Auto Guns
- **Air Consumption**: 64 scfm @ 80 psi
- **Minimum Air Supply**: 1” in. NPT
- **Reclaimer**: 300 cfm or 600 cfm
- **Dust Collector**: 300 or 600 cfm
- **Electric Needed**: 230 or 460/3/60 (please specify)
- **Full Load Amperage**: 8.05

**ZERO BNP 164 2 cu ft Tumble Barrel**
- **Cabinet Dimensions**: 36” W x 36” D x 65” H
- **Door Size**: 24” Diameter x 24” W
- **Barrel Load Limit**: 200 lbs
- **Barrel Door**: 24” W x 10” H
- **Blast Gun**: 4 - #5 ZERO Auto Guns
- **Air Consumption**: 128 scfm @ 80 psi
- **Minimum Air Supply**: 1” in. NPT
- **Reclaimer**: 600 or 900 cfm
- **Dust Collector**: 600 or 900 cfm
- **Electric Needed**: 230 or 460/3/60 (please specify)
- **Full Load Amperage**: 8.85 (600), 13.65 (900)

**ZERO BNP 166 3 cu ft Tumble Barrel**
- **Cabinet Dimensions**: 36” W x 36” D x 65” H
- **Door Size**: 36” W x 10” H
- **Barrel Capacity**: 3.0 cu ft
- **Barrel Dimensions**: 24” Diameter x 36” W
- **Barrel Load Limit**: 300 lbs
- **Barrel Door**: 36” W x 10” H
- **Blast Gun**: 6 - #5 ZERO Auto Guns
- **Air Consumption**: 192 scfm @ 80 psi
- **Minimum Air Supply**: 1” in. NPT
- **Reclaimer**: 900 cfm
- **Dust Collector**: 900 cfm
- **Electric Needed**: 230 or 460/3/60 (please specify)
- **Full Load Amperage**: 13.65

### Standard Electrical Package includes:
- Blower on/off, 60-minute. Auto Reset Timer, Jog Switch, Variable Speed Belt Drive, NEMA-12
- Enclosure. Optional pressure blast system available. *** Available upon request.

### Optional Electrical Package for Tumble Barrel Cabinets includes:
- Blower on/off, 60-minute Manual Reset Timer, Barrel Jog Switch, Constant Speed Barrel Drive, NEMA-12 Enclosure.
- Electric Needed: 230 or 460/3/60 (please specify)
- Full Load Amperage: ***

### 2-Gallon Tumble Accessory
- **Cabinet Model**: DCM-161 Mini Tumble Blast
- **Cabinet Dimensions**: 12” W x 18” D x 36” H
- **Door Size**: 12” W x 12” H
- **Chamber Capacity**: 2 gallons
- **Chamber Dimensions**: 8” Long x 9” Diameter
- **Barrel Load Limit**: 100 lbs
- **Barrel Door Size**: 5-1/2” x 6”
- **Tumble Drive Motor**: 1/2 hp
- **Blast Gun**: 1 - #4 ZERO gun
- **Air Consumption**: 6 gallons
- **Minimum Air Supply**: 8” Long x 9” Diameter
- **Reclaimer**: 600 cfm
- **Dust Collector**: n/a
- **Electric Needed**: 115/155/60
- **Full Load Amperage**: 1/3

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Committed to continuous product improvement. ISO 9001 Certified. Specifications are subject to change without notice.
ZERO tumble blast cabinets deliver efficient, affordable batch processing to clean, peen, deburr, or finish parts.

Applications include:
- Remove residual sand from metal castings
- Beautify steel, stainless steel, aluminum, brass and other metals with a uniform matte finish
- Remove burrs, parting lines, flashings and other defects from castings and injection molded parts
- Shot peen springs, journals, bearings, valve stems, tools, and other products to enhance strength and reliability
- Clean mold release and material buildup from molds

With a ZERO tumble blast cabinet, you simply load the parts and set the timer, then come back later to unload perfectly cleaned or finished parts. By varying the time, blast pressure, media type, media flow, tumble speed, and blast duration, you can engineer a process that delivers perfect parts, then repeat it for all subsequent batches. As the parts tumble, one or more nozzles uniformly blast all exposed surfaces.

**Tumble Barrel Cabinets**
Available in capacities of 1, 2, and 3 cubic feet, ZERO tumble barrels handle part loads up to 300 pounds. Tumble barrel systems are perfect for automotive rebuilders and small parts manufacturers.

ZERO offers tumble barrel cabinets with suction blast systems only. Inside the barrel, the parts ride on a cushioning layer of media, while two to six automatic blast guns thoroughly clean, etch or peen their surfaces. Inside barrel comprised of replaceable rubber covered metal panels.

**Small Capacity Tumble Barrels**

**DCM 161 Mini-Tumble Blast Cabinet**
Perfect for automotive shops and other low-production applications — the DCM 161 automatically removes rust and carbon buildup. The barrel holds up to 25 pounds of brake parts, engine components or other small hardware. The suction blast system works with most fine mesh media and requires just 17 cfm of air at 60 psi. Includes—door mounted ZERO automatic gun, with #4 orifice, a 100-cfm exhaust fan to draw dust into bag filter and a manual reset 60-minute timer.