

Gibson Tumble Blasters

- Automate surface prep economically with wheel technology
- Easy to install, simple to operate

Direct-drive blast wheel, used with heavier media, reduces power costs.



Durable, continuous-molded rubber belt tumbles parts within the blast envelope to assure uniform processing.

Controls enable automatic timing, mill reverse and mill bypass. **Current sensor** protects system from mill jams.

Gibson Tumble Blasters process multiple parts, ranging in size from small to medium, with a level of speed and efficiency unmatched by other types of equipment in a comparable price range.

Gibson produces Tumble Blasters in ten standard models with load capacities ranging up to 3,000 pounds or 24 cubic feet. (See next page for specifications.) Our smaller units, available with either wheel or air-blast systems handle a broad spectrum of media and fit profitably into cell stations and other operations compatible with batch processing.

These rugged machines automate cleaning, peening, deburring, profiling, finishing and many other surface-conditioning tasks on a vast range of parts.

Plus they are simple to operate. The operator loads parts onto a rugged perforated belt, closes the loading door, sets the timer and pushes the start button. By tumbling parts within the blast envelope, these machines deliver consistent results automatically whether working intermittently or non-stop in a multi-shift production facility.

For additional information about our broad line of Tumble Blasters, refer to the next page, contact Gibson and visit our web site at www.gibson-parts.com where you can see a video of our Tumble Blaster in action.

Wheel-Blast System Specifications

| MODEL | 1.5BB | 2.5BB | 3.0BB | 6.0BB | 12BB | 24BB |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Capacities | | | | | | |
| Work load | 1.5 ft ³ /200 lb | 2.5 ft ³ /350 lb | 3.0 ft ³ /400 lb | 6.0 ft ³ /800 lb | 12 ft ³ /1600 lb | 24 ft ³ /3000 lb |
| Media charge (Steel) | 150 lb | 200 lb | 300 lb | 400 lb | 1500 lb | 4500 lb |
| Dimensions (HxWxD, inches) | | | | | | |
| Tumble Blaster, cabinet only | 87x50x47 | 91x63x53 | 122x60x60 | 147x72x76 | 196x120x76 | 205x158x104 |
| Dust collector | 83x40x26 | 83x40x26 | 83x40x26 | 92x32x38 | 127x50x36 | 173x52x64 |
| Direct-drive blast wheel | One, 5 hp | One, 5 hp | One, 7.5 hp | One, 15 hp | One, 20 hp | Two, 15 hp |
| Rotary scalping screen | option | option | option | option | option | standard |
| Requirements | | | | | | |
| Ventilation | 500 cfm | 800 cfm | 800 cfm | 1200 cfm | 2000 cfm | 3000 cfm |
| Electrical (460/60/3) | | | | | | |
| Tumble Blaster only | 8 amp | 8 amp | 11.7 amp | 21.4 amp | 33.1 amp | 63.2 amp |
| With dust collector | 8.8 amp | 10.8 amp | 14.5 amp | 25.2 amp | 39.3 amp | 72.2 amp |
| Standard Features: • Abrasive-resistant barrel heads, cabinet liners and door liners • Mill jam protection • Mill reverse and mill bypass | | | | | | |
| Factory Options: • Variable frequency drive blast wheels • Vertical lift loading doors • Automatic media refill hopper | | | | | | |

AIR-BLAST TUMBLE SYSTEMS ALSO AVAILABLE

Air-Blast System Specifications

| MODEL | 1.5AB | 2.5AB | 3.0AB | 6.0AB |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Capacities | | | | |
| Work load | 1.5 ft ³ /200 lb | 2.5 ft ³ /350 lb | 3.0 ft ³ /400 lb | 6.0 ft ³ /800 lb |
| Media charge (Alox) | 150 lb | 150 lb | 150 lb | 300 lb |
| Dimensions (HxWxD, inches) | | | | |
| Tumble Blaster, cabinet only | 97x50x60 | 77x60x70 | 116x60x70 | 142x72x70 |
| Dust collector | 83x40x26 | 83x40x26 | 83x40x26 | 92x32x38 |
| Oscillating blast guns | Two | Four | Four | Six |
| Requirements | | | | |
| Compressed air at 80 psi | 74 scfm | 148 scfm | 148 scfm | 222 scfm |
| Ventilation | 800 cfm | 800 cfm | 800 cfm | 1200 cfm |
| Electrical (460/60/3) | | | | |
| Tumble Blaster only | 1.0 amp | 1.0 amp | 1.4 amp | 2.5 amp |
| With dust collector | 3.8 amp | 3.8 amp | 4.2 amp | 6.3 amp |
| Standard Features: • Tunable media reclaimer • Abrasive-resistant barrel heads and door liners • Mill jam protection • Hour meter • Dial timer | | | | |



Flexible Finishing Solutions



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