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Gibson Abrasive Equipment Co.

Dual-Chamber Spinner Hangers

- Speed batch blasting of sensitive parts
- Deliver 360° workpiece coverage
- Continue working during loading

Two Blast Chambers index from front to back so an operator can load and unload parts in one chamber while high-efficiency blast wheels clean, peen or prep parts on the other side in the second chamber.

Motor-Driven Shaft spins workpiece fixtures for even, 360° exposure of part surfaces.

Cast Liners on chamber walls extend equipment life.

PLC Programming assures precise coordination between automated functions.

Gibson Spinner Hangers provide an ideal solution for batch blasting many types of parts too fragile or awkward for other methods of automated finishing. These systems play a profit-boosting role across a broad range of metal-intensive industries by improving quality and efficiency during the cleaning, peening, prepping and finishing of almost any workpiece suitable for mounting on hooks.

Our systems include two work chambers mounted on an indexing turntable. As the turntable steps through programmed positions, one chamber exposes parts to a contained blast stream emanating from high-efficiency wheels while the other opens to the operator, who loads and unloads parts from the un-contained chamber. To assure uniform coverage, a spindle rotates the hangers within the working chamber's blast envelope.

Like all Gibson systems, our Spinner Hangers are easy to operate and install. Plus, they deliver consistent results whether working intermittently or non-stop in a multishift production facility.

PLC programming assures repeatable performance cycle after cycle, and cast liners on work-chamber walls extend equipment life.

For additional information about our line of Spinner Hanger Blasters, refer to the next page. Contact Gibson and visit our website at **www.gibson-equipment.com** where you can see videos of our Spinner Hangers in action.

Dual-Chamber Spinner Hanger System Specifications

MODEL	12x24 SH	12x44 SH	24x48 SH	24x60 SH	36x72 SH
Capacities					
Hook load	125 lb	250 lb	1,500 lb	1,500 lb	2,000 lb
Maximum blast envelope	12″ dia x 16″	12″ dia x 36″	24″ dia x 36″	24″ dia x 48″	36″ dia x 60″
Optimal blast envelope	12″ dia x 12″	12″ dia x 24″	24″ dia x 24″	24″ dia x 36″	36″ dia x 48″
Media charge (Steel)	200 lb	300 lb	2,000 lb	2,000 lb	4,000 lb
Blast chambers	Two	Two	Two	Two	Two
Direct-drive blast wheels	One, 5 hp	Two, 5 hp	Two, 7.5 hp	Two, 7.5 hp	Two, 10 hp
Dimensions (HxWxD, inches)					
Spinner hanger, cabinet only	85x47x50	133x47x50	149x96x79	160x96x79	216x134x117
Dust collector	83x40x26	83x40x26	127x50x36	127x50x36	173x52x64
Requirements					
Ventilation	500 cfm	800 cfm	2,000 cfm	2,000 cfm	3,000 cfm
Electrical (460/60/3)					
Spinner Hanger only	9.4 amp	15.4 amp	23.3 amp	23.3 amp	30.0 amp
With dust collector	10.2 amp	18.2 amp	29.5 amp	29.5 amp	38.9 amp
Standard Features					
Cast liners on chamber walls		√	√	√	√
Multiple indexing	√	√	√	√	√
PLC programmed		√	√	√	√
Safety bump bar strip	√	√	√	√	√

Factory Options: Variable frequency drive for blast wheels • Rotary scalping screen • Safety light curtain • Abrasion-resistant liners & packages

High-capacity blast machine performs both ***Table*** and ***Spinner Hanger*** operations, providing the versatility to meet various customer needs.

Gibson offers single chamber systems for heavier, harder to load parts. Optional Y-track upgrades branch two rails so one fixture can be loaded and unloaded while parts on the second fixture undergo blasting.

Gibson also offers custom fixture designs to maximize equipment efficiency.

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