

TB-3 Bulk Production Tumble Barrel

Most applications today using directional blasting cabinets require hand-held guns for part processing but there are some parts that process better and faster using batch loads. This is the function of all tumble basket and tumble barrel models.

All Media Blast® Tumble Barrels are listed as a machine options. While the option can't be purchased without purchase of a machine model, this does allow the option to be added to any machine model, wet or dry, with and without pneumatic conveyor for standard to ultra-fine abrasive.

The TB-3 is a full production Tumble Barrel Option with a special square cabinet design and no manual blasting station. Normally a special 36"x 36" square cabinet model, wet or dry, for a compact machine footprint. It uses the largest barrel size, 22" diameter, and operates using up to 50 cfm of compressed air to eliminate part damage caused by blast gun slamming. Because it's a barrel and not a basket it has the fastest random part mixing for the fastest possible cycle time. Speed of processing, fast barrel unloading, and low air usage is important with any production tumble barrel requiring only one single 50 cfm blast gun. The TB-3 uses a variable speed drive for perfect part speed vs cycle time, a 1-1/2" diameter support shaft and a 22" diameter barrel for up to 50-pound part loading. This unit normally has a cycle time of 20- 25 minutes for a full barrel load. The TB-3 is commonly used to remove heat-treating scale, prepare, and clean parts for center- less grinding application or surface finishing and blending almost any part in batch loads before final assembly without part color change.

The TB-3 has the largest attached dust collector, 440 sq.ft. of cartridge filter dust collector, and an automatic timed pneumatic vibrator dust collector cleaning cycle. It can also be purchased less dust collector for operation on our 4-cartridge 880 sq.ft. dust collector. Use with any existing central dust collector, cfm required must meet machine requirements.

Need Help? Call Us! 714-257-0484 or 866-204-7068

Visit Our Industrial Website for more models

www.mediablast.com

TB-3 Tumble Barrel



TB-3 Industrial Tumble Barrel

Shown with Optional Stack Light, Rubber Dipped Barrel and Side Table



N-200 Industrial Siphon w/ Optional Side Table Custom Height

FEATURES INCLUDED WITH ALL TB-3 OPTION

Special square cabinet design
Variable speed 90 volt DC drive with 0-29 rpm 1/2 H.P. drive assembly
22-inch diameter barrel
1-1/2-inch diameter rotation shaft with bearings
Rotation shaft guard
Safety door interlock
50 cfm tungsten carbide blast nozzle
Solenoid operated gun
Fixed gun holder assembly
Jog control circuit
0-60-minute solid state plug-in timer
Perforated metal grate overlay
Special flat window observation view window
Expanded 440 sq.ft. 700 cfm blower cartridge dust collector
Automatic timed pneumatic cleaning cycle
Standard electrical, 120 volt, optional high-voltage single power source available

OPTIONS

Ambient air dryer
Boron carbide nozzle upgrade
Rubber dipped parts barrel
Barrel pop-out shield for light parts
Side table available with height correction for jog barrel unload into customer supplied tote pans
Timed reverse pulse cleaning cycle upgrade
2 hp blower, 1100 cfm upgrade
HEPA after filter for greater dust collector efficiency, requires 2 hp blower upgrade
Maintenance hour meter
Timed part blow-off cycle
Visible end cycle indicator light
Can be purchased less dust collector for operation using central dust collector
Optional High-Voltage single power source available
Magnahelic dust collector monitor gauge
Enclosed dust discharge

Work Area	Overall	Dust Collector	Electrical
Door Opening 36"x36"x36"H	48"x51"	440 sq.ft. 700 cfm auto cleaning Internal Separator	Single Power Source 230 to 480 volt