

## TB-4 Production Bulk 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. Siphon, Direct Pressure and Wet are the cabinet choices. The TB-4 is a full production Tumble Barrel Option with no operator station or tiled view window. It can use the largest barrel size, 22" diameter, but also is available with a smaller barrel installed for short part loads on barrel two. Because it's a barrel and not a basket it has the fastest random part mixing for the fastest possible cycle time only requiring a single gun inside the barrel. The TB-4 uses two variable speed drives, two 1-1/2" diameter support shafts and two barrels for up to 50-pound part loading or one smaller barrel for smaller short loads. This unit normally has a cycle time of 20-25 minutes for 50-pound of smaller bulk part loads.

This model is commonly used to remove heat-treated scale, prepare and clean parts for center-less grinding application or surface finish parts in batch loads before assembly. It is standard with the attached 440 sq.ft. auto cleaning, timed cleaning, vibrator dust collector. Two TB-3 machines will have a total of 880 sq.ft. of filter area, will produce more volume than the TB-4 model only having 440 sq.ft.. Because the part load protects the barrel during operation, the TB-4 unit will be able to extend barrel screen life when processing short or small part loads when a smaller barrel size is installed on one of the two barrels.

## TB-4 Tumble Barrel



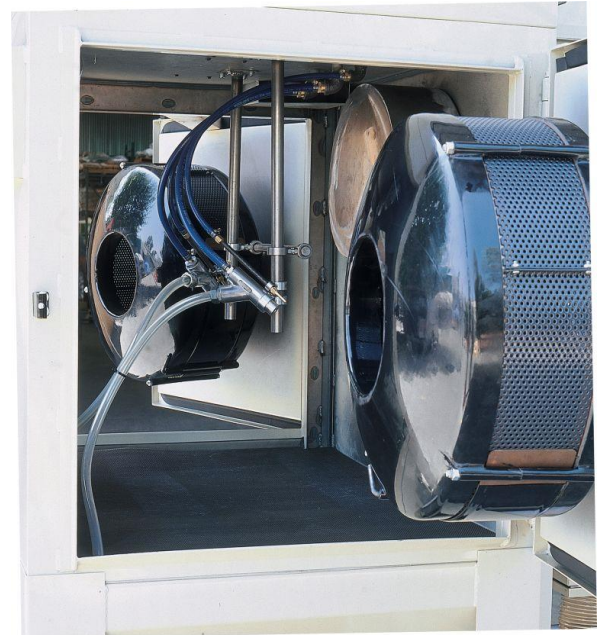
TB-4 Dual Tumble Barrels Std. w/ optional side tables

### FEATURES INCLUDED WITH ALL TB-4 OPTION

Special square cabinet design, 48"x36",  
Two variable speed 90 volt DC drives with 0-29 rpm 1/2 H.P. drive assemblies  
Two barrels, one large & one small or two 22" diameter  
Two 1-1/2 inch diameter rotation shafts with bearings  
Two rotation shaft guards  
Two safety door interlocks  
Two 50 cfm tungsten carbide blast nozzles  
Two solenoid operated guns  
Two fixed gun holder assemblies  
Two Jog control circuits  
Two 0-60 minute solid state plug-in timers  
Perforated metal grate overlay  
Special flat window observation view window  
Expanded to 440 sq.ft., 1100 cfm 2 hp blower with single power source std.  
Automatic timed pneumatic vibrator cleaning cycle

### OPTIONS

Ambient air dryer  
Rubber dipped parts barrel  
Barrel pop-out shields for light parts  
Side tables available with height correction for jog barrel unload into customer supplied tote pans  
Boron carbide nozzle upgrade, 2 each  
Timed reverse pulse cleaning cycle upgrade on dual cartridge dust collector with 2 hp blower  
HEPA after filter for greater dust collector efficiency  
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



TB-4 shown with optional rubber dipped barrels and timed blow-off circuit

Work Area	Overall	Dust Collector	Electrical
Door Opening 48"x36"x36"H	60"x51" x90"	440 sq.ft. 700 cfm auto cleaning Internal Separator	Single Power Source 230 to 480 volt

TB-4 models include the High-Voltage Single Power Source standard with included transformer for operations of all controls and options