

Wet Blasting

ウエットブラスト



TWB-01

TIPTON of barrel finishing challenges for a new field

Benefit

- Multiple surface treatment by combination with Barrel Finishing Process can achieve high-quality finishing surface.
 - Stable process result can be achieved controlling slurry in particle size, pressure and density.
 - Fine and no-directional uniform pearskin finish can be achieved.
 - Suited for precision processing due to simultaneous processing and cleaning contribute to less residue of abrasive grits.
 - Less deterioration by heat due to simultaneous processing and cooling with liquid.
 - Plenty of choice of abrasive grits offers applications to wide range of process.
 - No dust appearance out of the machine, no danger of dust explosion, and a good working environment.
 - Easy operation for surface finishing process.
 - Height adjustable subject to operator's position.
 - Plenty of option can be chosen to add to basic model with competitive price.
 - "WA" slurry specifications include wear resistant pump and piping to ensure long life.
 - Machine specifications can be modified from "GB" slurry specifications to "WA" slurry specifications just by replacing specific parts.
- *"GB" slurry specifications (TWB-01GB) is the basic model for glass bead and plastic slurry.
 "WA" slurry specifications (TWB-01WA) is the basic model for abrasive slurry such as white alundum.

Structure and Principle



Wet Blasting is one of blasting. Through exclusive shoot nozzle by the power of compressed air, slurry mixed with particles and water is shot to the surface of workpieces.

Application

Cleaning (removal), grinding, polishing, deburring, peeling, pearskin finish and beauty finish for all metals, plastic and ceramics.

Processed Examples

	Rust Removal of Iron Parts	Contamination Removal of Spring
Before		
After		
Process Condition	Abrasive grit: WA #60, 5 minutes	Abrasive grit: BG #60, 5 minutes

Option

Specifications	Remarks
Wear Resistant Pump and Piping	Slurry pump and polyurethane joint
Wiper	Foot switch operation
Flat Nozzle	Effective for stable finish on wide range of surface of workpieces
VULKOLLAN Nozzle	Super wear resistant nozzle
Slurry Collection Bucket	Size 493×315×178(mm)
Turn Table	φ400(mm)
Other options applicable subject to request	



Slurry Pump and Polyurethane Joint



Turn Table

Specifications

Model	Type	Footprint	Overall Height	Weight	Tank Capacity	Pump Capacity	Pump Discharge Amount
TWB-01GB	Standard	1090mm×1060mm	1470mm~1790mm	Approx 250kg	29ℓ	0.4kW	200ℓ/min
TWB-01WA	Wear Resistant	1140mm×1430mm	1470mm~1790mm	Approx 300kg	29ℓ	0.75kW	300ℓ/min



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