

TOBERO PTE LTD

Manufacturer: TOBERO

Model WDT 800 (wet downdraft table)

Design capacity 800ft³/min (Nominal)
Unit size 770Wx 1260D x 2340mmH

Working table size 600Wx 600D x 750Hmm (knee room Height)

Filter monitoring NFPA 484 compliance Safety Package with horn/light

alarm, auto shutdown on low airflow and high/low water alarm, Photohelic disconnect, aux contact for interlock

Water sump only 3mmThickness MS with powder coated.

Motor 415/3/50Hz, 2850 rpm, 3.0 KW (Ex proof motor),

Direct drive Fan/Blower: Anti spark Centrifugal BI fan c/w silencer Box

Noise: 80dB@1m
Accessories - roof enclosure
- LED light panel

- fixed side wing panels

Optional Accessories

- outlet for compressed air tools connectors

- outlet for air supply

- table top height set at lowest possible configuration

- tower light

-Temperature High Alarm only

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Control interlock

wet DC Auto Relief vent c/w mini blower during non-

operation mode

All tool supply (air & electric) to be interlock at normal

operations condition

Low /High water level will stop all tools operation

E Stop to stop Air & electric parts/tools

Secondary make up water valve to shut off during High level & E stop or containment leak detection if applicable

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Advantage

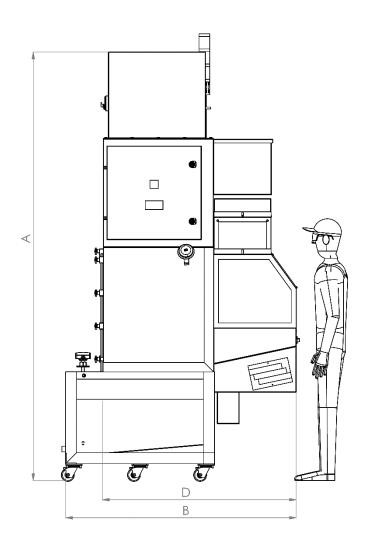
- Eliminate Sparks and fire risk, Deflector forces sparks into submerged water bath.
- Sensors for water level monitoring and replacement of water evaporated by the process.
- High/Low water level will stop all tools operations.
- All our work tables are equipped with standard light emitting diodes.
- Mist eliminator Washable filter.
- Sludges must be removed manually from the basin as there is no filtration system offered.
- Plug and play simple system which are pre-wired and pre-tested in our factory.
- Customized machines can be made depends upon the requirements.

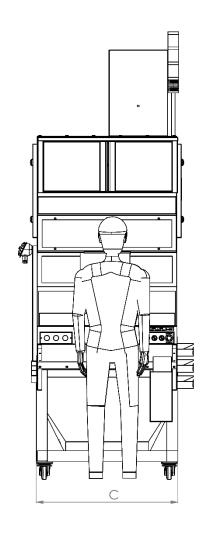
How It Works

- The dust particles are quenched in water with a turbulent water. The main baffle then ensures the particles are submerged and redirected to the basin.
- The air and water mixture are then forced through another series of baffles that helps separate the clean air from the dirty water.
- Impingers eliminates mist and drain out any water remaining in the air stream.
- The water returns to the storage bin where gravity forces the particles to settle. It is then reused during the sludge and debris removal stage.

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SPECIFICATION





Model	Model No	Air Capacity Nominal	A (mm)	B (mm)	C (mm)	D(mm)	Water Capacity(L)
Standard	WDT 800	800 CFM	2340	1260	770	1050	220