

Wet Downdraft Table



TOBERO PTE LTD

Manufacturer:	TOBERO
Model	WDT 800 (wet downdraft table)
Design capacity	800ft ³ /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
-

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

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.

