

Portable Water Jet Cleaning & Jet Cutting

Water Jet Cleaning is the process of separating scaling and deposit of chemical with pressurised water. It is a non-destructive excavation process to remove hard scaling/deposit from inside the choked tubes and extracted material is fluse out from the tubes. After the cleaning the efficiency of process equipment as good as new.

Jet cleaning is applied to diverse fields; eliminating rust or scale from steel sheet or internal and external part of pipe, boiler, tank, harbor facility, pier, vessel, inside/outside surface cleaning.

Water jet cutting is based on a very simple functional Principal. A fine jet of water hits the surface of aa workpiece at High Pressure. A High Pressure Pump requires to bring the water pressure up to several thousand bars and directs it to the cutting head.

Depending on the material to be cut, the water can also be mixed with an abrasive, the water with jet diameter of 0.1 to 0.5mm emerges from a fine nozzle opening at the cutting head.

As per the nature of the water jet and hardness & thickness of the material, different cutting depths and speed can be achieved.

Features

- Lightweight body design.
- Equipped with large suction and strong magnetic wheels to adapt to various complicated working conditions.
- Comes with an adjustable flexible track to eliminate the unevenness of the cutting surface and cause it to fall.
- Equipped with guide wheels to ensure cutting straightness.
- Waterproof & Explosion proof.

