

Automation filled with know-how, environmentally-friendly circulation system

Wetblast System

The MACOHO Wet Blast System includes as core parts a patented wide gun, urethane rubber cyclone with high wear resistance, blast pump, etc. In the circulation system, the slurry stored in the tank is pumped up, accelerated by compressed air, and injected from the blast gun, and then the slurry is returned to the tank. This system produces overwhelmingly less waste than treatment with chemicals or solvents, reducing environmental load.

Circuit diagram and explanation of each part

Indoor Water Cleaning

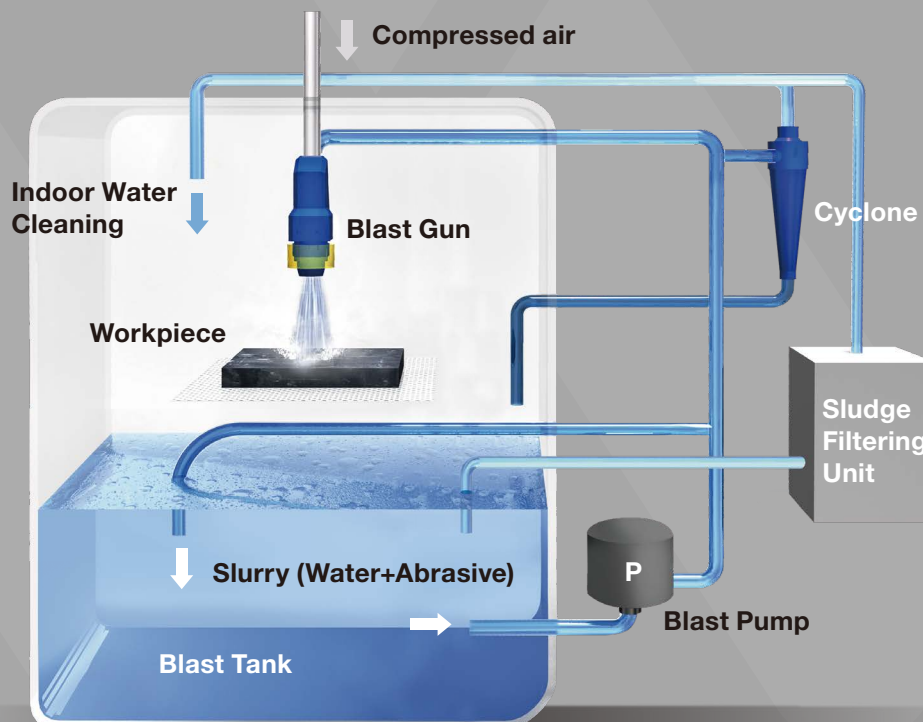
Washing particles attached to the cabinet wall off to return to the blast tank using cyclone classified water

Blast Gun

Accelerating the slurry delivered by the pump using the expansion force of compressed air to inject to the workpiece

Cyclone

Separating the slurry delivered by the pump into reusable abrasives and classified water containing shavings



Blast Tank

Container for storing slurry. The injected slurry is returned to the tank for reuse.

Blast Pump

Sucking the slurry in the blast tank and delivering it to the blast gun, cyclone, and stirring nozzle.

Sludge Filtering Unit

Filtering out sludge from the cyclone classified water to recover the sludge