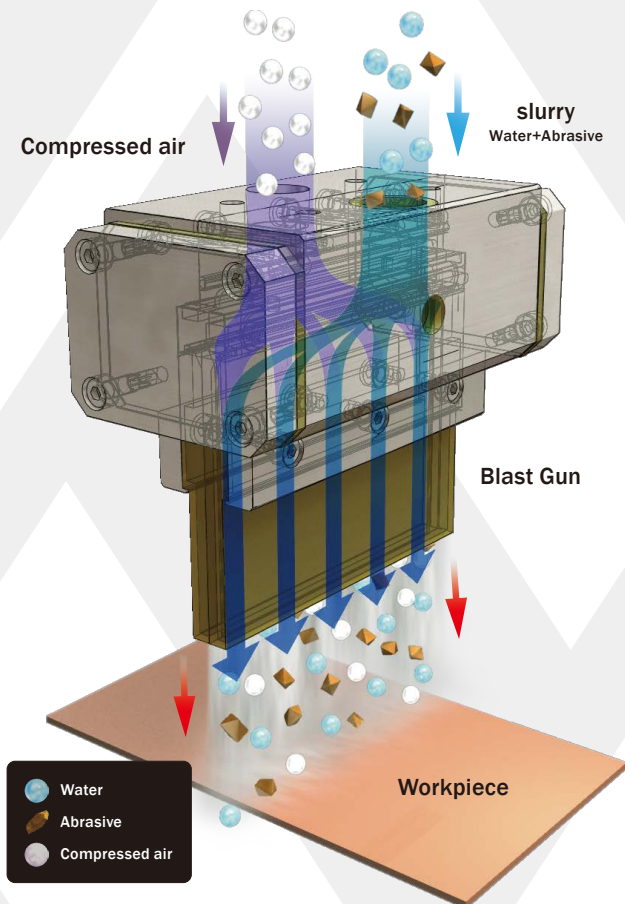


## Surface Etching Using Water, Abrasives, and Compressed Air

# What is wet blasting?



Wet blasting is a non-chemical etching method that accelerates slurry, which is a mixture of abrasive and water, with compressed air and projects it against the target object to process its surfaces.

### Features

#### 1 Curved surfaces and three-dimensional objects can be processed

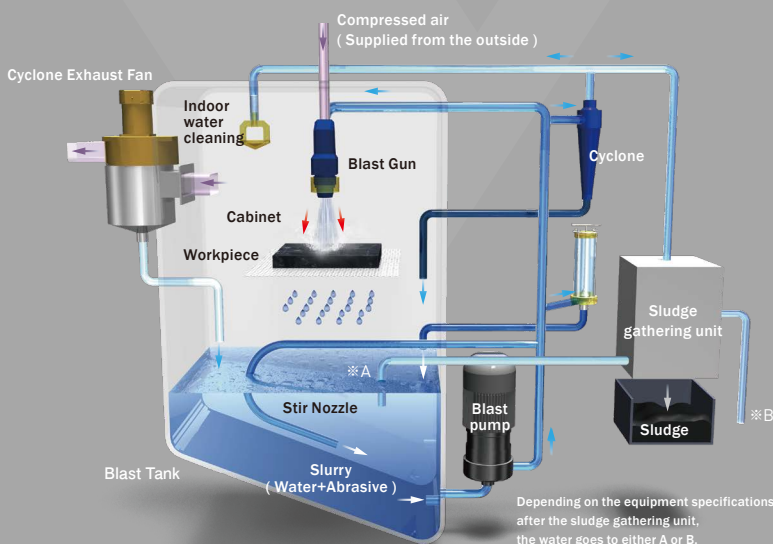
Since the rotating tool is not pressed against the workpiece, it is possible to process not only curved surfaces but also steps and cavities.

#### 2 Fine abrasives can be used

3 to 100  $\mu\text{m}$  abrasives can be used because of the water transport effect. The fine abrasive makes processing with submicron precision possible.

#### 3 High productivity

Wet blasting provides batch processing of a large area using a wide gun.



## MACOHO's Wet Blast System

This system pumps up the slurry, mixes it with compressed air using the blast gun, and then projects the slurry, which is accelerated and dispersed.

The slurry is circulated and reused to reduce waste liquid.

Thanks to the system's advanced automation, the only task required during continuous operation is to supply the abrasive.