

## Model WIP5 specification

### Pump:

High pressure pump type: intensifier.  
Maximum pressure: 380Mpa (55kpsi).  
Maximum water flow rate 3.4L/minute (0.8Gal/min)  
Pump cooling method: forced water flow, electrical chiller is optional.  
Digital display of working pressure.  
Water Filter: 2-stage water filtration included.  
Minimum supply water pressure to pump: 70psi (5kg/cm<sup>2</sup>)  
Internal water pressure booster pump.  
Approximate size: 60" x 32" x 55" (1600x800x1400mm)  
Power source: 3 phase, 220/460VAC 60Hz or (380/415 VAC, 50Hz), 40kw, 50 HP. System starting current is about 160Amp.



### Cutting head:

Pneumatically operated on/off valve, self-aligned cutting head.  
Maximum Abrasive flow rate: 0.5kg/min (1lb/min). Compressed air source is necessary. An air compressor is optional item from manufacturer. As an option, the cutting head can manually tilt in both x and y directions.



### Automatic abrasive feeder (optional):

This equipment is highly recommended.

- Requires 70psi pneumatic source
- Capacity 40 Gallon.
- Self detecting empty/full status of reservoir and start/stop feeding.
- Model number ADS-04-170.



### Mini hopper (optional):

Mini hopper is used as a bridge between the automatic abrasive feeder and the cutting head. The mini hopper also includes a valve to control the flow of the abrasive.



### Stainless Steel tubing (optional):

The tubing connects the high pressure pump to the cutting head.



## System connection diagram

