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/cm²)
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

- High pressure water out to cutting head through Stainless steel tubing
- Compressed air
- Low pressure water in
- Water jetting with abrasive