**TechMoon® Ultra High Pressure (UHP) Intensifier Pumps**

- 55,000 PSI (380 MPa) or 60,000 PSI (420 MPa)
- LED Indicator System with integrated Siren
- All TechMoon Intensifier Pumps come standard with TechMoon’s exclusive O.M.T. System (Operations, Management & Troubleshooting)
- The O.M.T. System utilizes a 6” Full Color Touchscreen which gives the operator a plethora of features, control and information
- **Integrated Critical Systems Monitoring:**
  - Monitors Oil Temperature, Oil Level, Water Supply Temperature and much more
  - Integrated Preventative Maintenance Tracking
  - Tracks maintenance schedules and consumable usage
  - The system will alert you when upcoming maintenance is due and when consumables are near expiration
- **Integrated Troubleshooting & Diagnostics:**
  - Provides Detailed Alarm information
  - Annotates possible solutions
  - Allows the operator to check the operation of each sensor
  - Gives Access to Alarm History
  - Integrated Water Filtration System
  - Automatic Cooling Valve (Standard)
- **UHP Pump Requirements:**
  - 220V / 3-Phase
  - 70 PSI minimum water supply pressure

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**TechMoon® Cutting Table**

- All Techmoon® Cutting Tables are freestanding and independent
- The slat holders are designed to curve the slats which provides for longer slat life and less backspash
- Standard Stainless Steel Cap protects the cutting table from damage when loading and unloading material
- Preparation for Techmoon's Garnet Removal System is standard

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**TechMoon® Bulk & Mini Hopper System**

- 500 Lbs Bulk Storage Hopper
- Integrated Low Abrasive Warning System
- 5 Lbs Mini Hopper is mounted to the Flying Bridge or Gantry* (Depending on Model)

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**TechMoon® CNC Control System**

- Windows Based with Custom Waterjet Software
- Supports Multiformats ENG, DXF, G-Code
- 19" LCD Monitor
- Waterproof Exterior USB Port
- Cutting Accuracy +/- .004
- Repeatability +/- .002

**Abrasive Waterjet Benefits**

- Machines a wide range of materials and thicknesses, from metals to glass
- Does not create heat-affected zones or mechanical stresses
- Leaves behind a satin-smooth edge, reducing secondary operations
- No noxious gases, liquid and oils used in, or caused by, the machining process
- Available Options: Increased Z Travel: Adjustable Table Water Level: Garnet Removal System: Air Heat Exchanger