

PROTO

BUILT BY **OMAX**



MACHINE DIMENSIONS

| | |
|--|--|
| Footprint | 41.5" x 39.5" (1,054 mm x 1,004 mm) |
| Weight (tank empty) | 550 lb (250 kg) |
| Height (Lid Closed) | 56.5" (1,435 mm) |
| Height (Lid Open) | 73.0" (1,854 mm) |
| Operating Weight (with water in tank) | 750 lb (340 kg) |

WORK ENVELOPE

| | |
|--------------------|-------------------------------------|
| X-Y Cutting Travel | 12.0" x 12.0" (304 mm x 304 mm) |
| Z-Axis Travel | 1.0" (25 mm) |
| Table Size | 14.5" x 15.25" (368 mm x 393 mm) |

STANDARD MODEL SPECIFICATIONS

| | |
|------------------------------------|---|
| Maximum Supported Material Load | 50 lbs/sq ft (244 kg/sq m) |
| Electrical Requirements | 230-240 VAC, single phase, 30A, 50/60 Hz |
| Speed | 100 in/min (2,540 mm/min) |
| Linear Positional Accuracy | ±0.005" (±0.127 mm) |
| Repeatability | ±0.003" (±0.076 mm) |

PUMP DESCRIPTION

| | |
|------------------------------------|--|
| Pump Horsepower | 5 HP (3.7 kW) |
| Output Pressure | 30,000 psi (2,068 bar) |
| Orifice and Flow Rate ¹ | 0.008" / 0.25 gpm (0.2 mm / 0.95 lpm) |

¹ Recommended maximum orifice size. Smaller orifice sizes have a corresponding lower flow rate.

ABOUT OMAX

OMAX is the global total solutions provider in advanced abrasive waterjet systems. Our intuitive IntelliMAX Software Suite simplifies programming and reduces setup times, increasing your productivity. OMAX engineers continue to innovate technology for abrasive waterjet machining, from proven 4th generation pump designs to cutting edge drive systems with micron-level accuracy. With the largest abrasive waterjet support network in the world, OMAX continues to shape the future of waterjets.

To see how ProtoMAX can work in your existing shop or school, call or visit our website today.



Specifications subject to change without notice.
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WWW.PROTOMAX.COM

Made in the USA

OMAX CORPORATION
21409 72nd Avenue South
Kent, WA 98032
TEL 1-818-647-1994



PACKAGE OPTIONS



PROTOMAX STANDARD SYSTEM

The **STANDARD SYSTEM** includes the ProtoMAX abrasive waterjet system, complete with the table, pump, laptop with pre-installed software, and everything needed to start abrasive waterjet cutting after initial installation.

INCLUDED COMPONENTS

- ProtoMAX Abrasive Waterjet Cutting Table
- Nozzle Assembly (nozzle body, mixing tube, filter, & jewel orifice)
- Unlimited Seats of Software
- ProtoMAX Garnet Abrasive (55lb bucket)
- Shipping to Continental US (Not including Alaska & Hawaii)²
- ProtoMAX 30,000 psi 5 HP Direct Drive Pump
- Laptop with IntelliMAX Proto Software Pre-Installed
- Free Software Upgrades For Life
- One Year Warranty



UPGRADE PACKAGE

The **UPGRADE PACKAGE** adds additional consumables, such as spare mixing tubes and orifices. This package features a powered Drain Water Filter Tank that helps filter the excess material being cut and garnet from the tank water. Also included is the Water Spray Kit, which helps keep the cutting area interior clean and is handy for filling the tank and cleaning freshly cut parts.

INCLUDED COMPONENTS

- ProtoMAX Standard System
- System Spare Parts Kit (tank slats, mixing tubes, nozzle filters, and jewel orifices)
- Drain Water Filter Tank (DWFT)³
- Water Spray Kit (spray nozzle and hose)

POWER USER PACKAGE

Become a **POWER USER** by having six extra buckets of garnet at a bundled price to your Standard System with Upgrade Package to keep you cutting for hours on end.

INCLUDED COMPONENTS

- ProtoMAX Standard System
- Upgrade Package
- ProtoMAX Garnet Abrasive (six 55lb buckets)

¹ Recommended maximum orifice size. Smaller orifice sizes have a corresponding lower flow rate.

² For Alaska, Hawaii, and international shipments, contact info@protomax.com.

³ The Drain Water Filter Tank (DWFT) requires a separate 120VAC power source.



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