



OMAX Mobile JetMachining Center

The advantageous cutting solution for quick turnaround parts improves production uptime for the mining industries; onshore/offshore oil exploration and maintenance; large travelling ships; high-rise building construction; and other industries requiring a self-contained cutting shop in an ever changing work environment. Completely assembled and factory tested, the Mobile JetMachining® Center includes an EnduroMAX® Direct Drive Pump, Chiller, Water Softener System, and 100lb Bulk Hopper for abrasive storage. Rapid, centralized setup for air, power, water, and drain allows operators to have an activated system in a matter of minutes.

FEATURES & BENEFITS

- Platform configurable with a Model 2626 or Model 2652
- High efficiency Generation 4 EnduroMAX pump system in 30 hp, 40 hp, or 50 hp with operating efficiencies up to 85%
- Separate Bulk Hopper for accessing extra abrasive supply
- Water Softener System to treat regional hard water conditions
- Chiller System to cool water supply on a seasonal or regular basis
- System disconnect box with safety lockout feature
- Rapid Water Level Control for quiet and clean submerged cutting
- Epoxy-coated platform equipped with proven OMAX table, pump, and PC-based controller technology
- Major equipment mounted to steel base with forklift access pockets
- Platform corners equipped with lifting eyes for convenient maneuvering with an overhead crane
- Tie-down rings along the platform sides for overall safe shipment and three specific central tie-down rings for additional protection for the EnduroMAX Pump and JetMachining Center
- Adjustable leveling foot located on the bottom of the PC-based controller to support the controller during shipment
- Adjustable PC-based controller's swing arm can be locked into any position during shipment and operation
- Flooring comprised of rubberized, non-skid, and anti-fungal material
- Entire system can be quickly and easily moved and is transportable in a standard shipping container
- Ideal cutting tool for oil field maintenance, high-rise steel construction, shipbuilding, military, commercial business sectors, and other mobile applications
- Machines a wide range of materials and thicknesses, from metals and composites to glass and plastics
- Does not create heat-affected zones or mechanical stresses
- No tool changes and minimal fixturing reduces setup by 50% or more
- No additional water required for pump cooling
- Small, efficient footprint for minimal floorspace utilization
- Leaves behind a satin-smooth edge, reducing secondary operations
- No noxious gases, liquid and oils used in, or caused by, the machining process
- Completes most work below 80 dBA
- Environmentally "green" system with quiet and clean operation with low electrical consumption
- EnduroMAX pump technology delivers the highest nozzle horsepower in the industry for faster and more efficient cutting
- Highly robust and reliable pump design capable of over 1000 hours between maintenance



The OMAX Technology Guarantee entitles you, as the original owner, to free OMAX software upgrades for the life of the machine.



MOBILE JMC

MOBILE UNIT DIMENSIONS

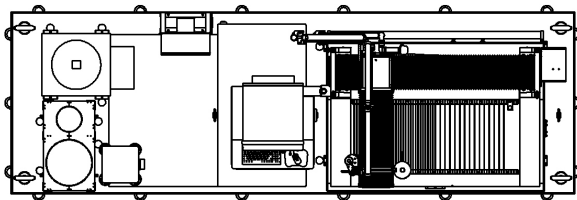
Skid Footprint	19' 1" x 6' 1" (5,817 mm x 1,854 mm)
Empty Weight	With 2626: 17,680 lb (8,020 kg) With 2652: 18,000 lb (8,165 kg)
Height (with scissor plumbing)	7' 8" (2,340 mm)
Operating Weight	With 2626: 21,197 lb (9,615 kg) With 2652: 23,830 lb (10,809 kg)

MACHINE WORK ENVELOPE

2626 X-Y Cutting Travel*	2' 5" x 2' 2" (737 mm x 660 mm)
2652 X-Y Cutting Travel*	4' 4" x 2' 2" (1321 mm x 660 mm)
Z-Axis Travel (with Motorized Z Axis)*	8" (203 mm)

DRIVE DESCRIPTION

- Closed loop, digital drives
- Brushless servo motors
- Pre-loaded ball screws, recirculating ball bearings
- Linear bearings with hardened, precision ground ways
- Cantilever Y-axis on bridge X-axis



STANDARD MODEL SPECIFICATIONS

Material Support Slats	4" x 1/8" Galvanized Steel
Maximum Supported Material Load	400 lbs/sq ft (1,950 kg/sq meter)
Electrical Requirements	3-Phase, 380-480 VAC \pm 10%, 50-60 Hz
Noise Level	Below 80 dBA at one meter for submerged cutting
Speed	180 in/min (4,572 mm/min)
Accuracy	\pm 0.001" (\pm 0.025 mm)
Repeatability	\pm 0.001" (\pm 0.025 mm)
Ballbar Circularity	\pm 0.003" (\pm 0.076 mm)

OPTIONAL ACCESSORIES

- Tilt-A-Jet® Cutting Head for taper compensation
- Collision Sensing Terrain Follower
- OMAX Drill Head
- Precision Optical Locator (POL)
- Rotary Axis
- Laser Feature Finder
- Water-only MAXJET® 5 for cutting soft materials
- OMAX Mini MAXJET 5i Nozzle Assembly
- Manual Tilt Z
- Waterjet Brick Kit
- Splash Shield
- Catcher Tank Armor Plating
- Material Holding Kit

*Optional accessories may reduce travel. Photos may show optional accessories. For a complete list of accessories, contact an OMAX sales representative. Pumps are built to meet UL and CE specifications. Contact OMAX for detailed utility requirements.

ABOUT OMAX

OMAX is the global total solutions provider in advanced abrasive waterjet systems. Our intuitive Intelli-MAX 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 a Mobile JetMachining Center can save you time and money, call or visit our website and request a free part analysis today.

ABRASIVE WATERJET
v.s. OTHER METHODS

WWW.OMAX.COM/COMPARE

CE Specifications subject to change without notice.
600071B © OMAX Corporation January 2015

WWW.OMAX.COM

Made in the USA

OMAX CORPORATION

21409 72nd Avenue South
Kent, WA 98032

TEL 1-253-872-2300 / 1-800-838-0343

FAX 1-253-872-6190

