

BOSS-CUTTER™

WATERJET SYSTEM



Designed especially for cost-conscious shops with limited floor space, Jet Edge's BOSS-CUTTER waterjet system cuts parts up to 6" thick from virtually any material. It can be configured for both abrasive waterjet cutting and water-only cutting (abrasive is added when cutting hard materials such as metals; soft materials such as foam can typically be cut with water only). The system comes standard with a 30hp Jet Edge ECO-JET direct-drive pump, but can be upgraded to any of Jet Edge's 55,000 psi pumps. Jet Edge offers both direct-drive pumps or hydraulic intensifier pumps, available in 30-280hp models.

STANDARD FEATURES

- 3-Axis Motion System:
59" x 59" (1500 mm x 1500 mm)
- Jet Edge 30hp ECO-JET Direct Drive Waterjet Pump
55,000 psi (3800 bar) continuous operating pressure, 0.9 gpm
- Operate with a Windows® PC
- FlashCut Pro-Series Stepper Controller and FlashCut CNC software
- IGEMS CAD/CAM software

Electrical Requirements

ECO-JET Pump: 230v, 60 hz, 3 phase; or 460v, 60 hz 3 phase; or 380 v, 50 hz, 3 phase

Motion System: 115v 60 Hz or 230v 50Hz

WHY WATERJET

- Cut Parts from Virtually Any Material
- No Heat, Flames or Noxious Fumes
- Fast Setup and Minimal Fixturing
- Make Needed Parts Now - Why Wait Days or Weeks?
- Create a New Revenue Source

Use Genuine Jet Edge Parts

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Work Safely

See product manual for important safety precautions.

WATER WILL CUT VIRTUALLY ANYTHING...INCLUDING COSTS.

10/2014 Specifications Subject to Change.



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BOSS-CUTTER™ WATERJET SYSTEM



Motion System
6 Inch (152 mm) Z Axis



Jet Edge ECO-JET Pump
55,000 PSI (3800 Bar)



6 Inch Motorized Z Axis



Hand-Held Pendant
for Convenient Operation

SPECIFICATIONS

Footprint	Model 1500: Width Excluding HP Gauge: 78" (2027 mm) Depth Including Whip: 112" (2865 mm) Height Including Whip: 113" (2896 mm)
Weight	Model 1500: Estimate Dry: 2060 lbs (934.4 kg) Estimate Wet w/o Abrasive: 6250 lbs (2835 kg)
X-Y-Z AXIS	Model 1500: 59.05"x59.05" X 6 Inch (1500 mm X 1500 mm X 150 mm)
Support Slats	Material: Low Alloy / Mild Steel Thickness: 1/8" (3 mm) Model 1500 Dimensions: 67" x 3" (1700 mm x 75 mm)
Maximum Material Load	205 lbs/ft2 (1000kg/m2)
Drive System	Stepper Motors Ball screws Linear Rails
Accuracy	+/- .006" (.15 mm)

PUMPS

30HP ECO-JET Direct Drive - 55,000 PSI (3800 bar) Standard
Can be upgraded to Jet Edge Hydraulic Intensifier Pump

CONTROLLER

Windows® PC
FlashCut Pro-Series Stepper Controller and FlashCut CNC software
IGEMS CAD/CAM software

Maximum Traverse Speed

200 inches/minute
(5080 mm)

MORE INFORMATION
Contact Jet Edge Sales
sales@jetedge.com

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