

## Different Jobs Don't Require Different Tooling

Abrasivejet cutting is accomplished by software-controlled, robotic motion systems-not hard tooling-so there simply are no costly, time-consuming tool changes required to accommodate an infinite variety of shapecutting.

**FLOW WATERJET  
SYSTEM CUTS UP TO  
10 INCHES OF:**

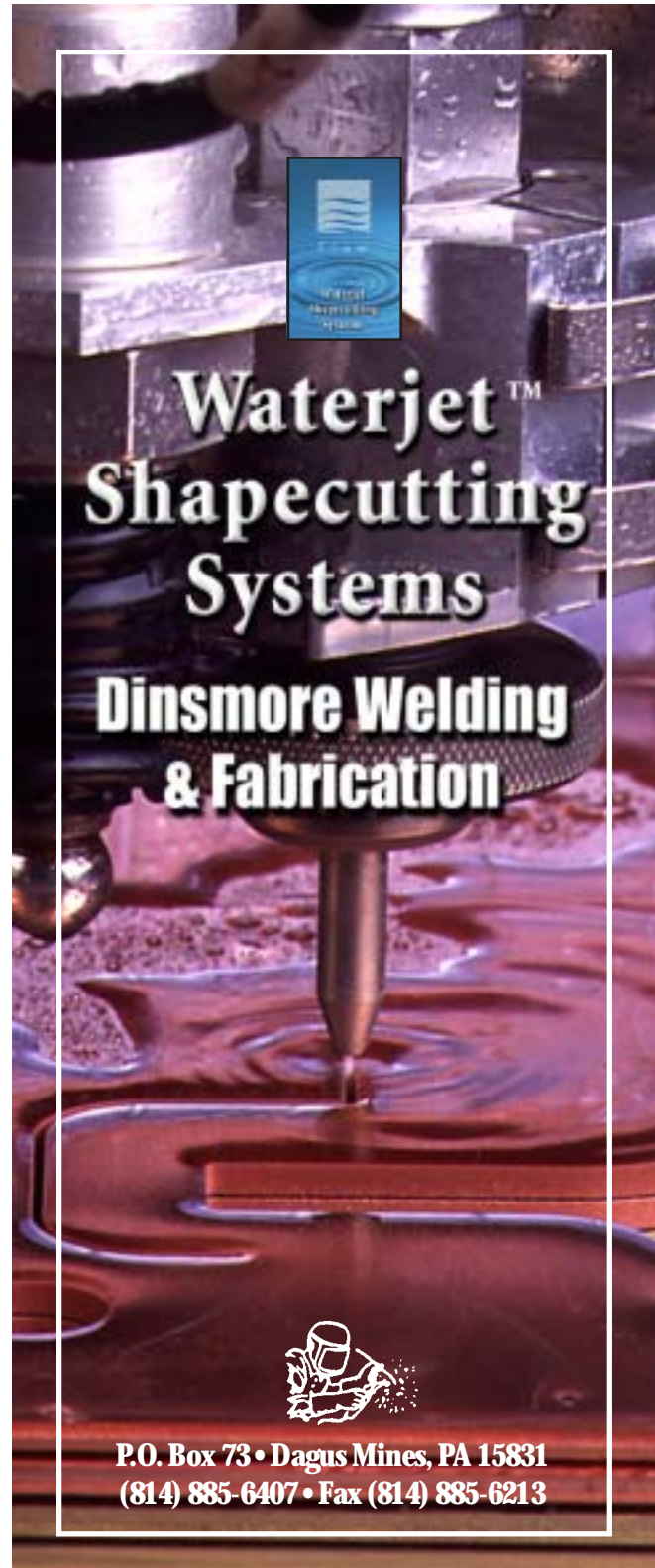
- Hardened Steels
- Stainless Steel
- Aluminum
- Titanium
- Stone
- Marble
- Granite
- Ceramic
- Glass
- Rubber
- Gaskets
- Urethane
- Cardboard
- Fiberglass
- Foam
- Plastics
- Copper
- Teflon
- Wood



**Dinsmore Welding  
& Fabricating**

P.O. Box 73

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# Waterjet™ Shapecutting Systems

## Dinsmore Welding & Fabrication



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# They cut, they shape, they drill, they finish and they fly.

## FLOW Waterjet Systems Are The "Machine Tool of Choice" Around the World

FLOW systems cut virtually any shape in a single step with edge quality that usually requires no secondary finishing. They're the most productive solution for cutting a wide range of materials from 1/16 inch to over 8 inches thick. Whether you machine high volume, short run or prototype parts, a FLOW system is the choice that will keep you competitive. Here's why.

- **Different Jobs Don't Require Different Tooling**
- **Setup And Fixturing Is Complete In Just Minutes**
- **Edge Quality Eliminates Costly Secondary Finishing**
- **You'll Enjoy Raw Material Savings**
- **Stack Raw Stock And Multiply Productivity**
- **No Other Tool Cuts A Greater Variety of Materials**



Dynamic Waterjet with Active Tolerance Control™ technology produces more accurate parts at significantly higher cutting speeds than parts cut with conventional waterjet. This patent pending system utilizes a newly-developed advance motion system that incorporates mathematical cutting models. These models are seamlessly integrated into FlowMaster®, FLOW's intelligent PC-Based waterjet control system, so that operating Dynamic Waterjet is extremely simple.

### Specifications for the 4800 Integrated Flying Bridge Waterjets:

#### STANDARD CUTTING TABLES

4x8 feet and 6x12 feet

#### ACCURACY

±0.003 inches

#### REPEATABILITY

±0.002 inches

#### TRANSVERSE SPEED

0 to 500 ipm

#### CONTOUR SPEED

0 to 300 ipm, single head

0 to 150 ipm, dual head

#### CONTROL SYSTEM

FlowMaster

#### Z-AXIS ADJUSTABILITY

8 inches

#### CUTTING PRESSURE

60,000 psi

#### INTEGRATED PUMPS

50 or 100 horsepower

