



Jet Edge

WATERJET SYSTEMS

SPYDER ABRASIVE JET CUTTING SYSTEM

A Cut Above

Suitable for any environment:

- Cuts virtually any material without heat or flames
- Pneumatic reversible drive motor
- Non-ferrous motion components

Track Options:

- 3, 5 and 10 linear-foot tracks
- Low profile, rigid and vacuum tracks available
- Pipe track: 6–60 inches (152–1524 mm)

Optional Radius & Circle Cutting Fixture:

- 1"–6.5" insider diameter/16"–48" outside diameter
- 3"–12.5" inside diameter/27.5"–56" outside diameter

Movement Speed:

Varies due to several ranges of gear reducers

Master Control Station

- Three-position directional valve for pneumatic drive unit
- Dual air regulators for directional speed control
- Control abrasive flow from console
- One palm button shuts off UHP water and abrasive

Vacuum Generator

- Steel construction
- Pneumatic control vacuum
- Locking quick disconnects
- Lightweight compact design

Head Manipulator

- Drive unit adapts for use with track or pipe cutting bands
- Pneumatic reversible drive motor with interchangeable gear drive
- Precise speed control for accurate cutting feed rates
- Center line mounting of abrasive cutting head
- Adjustable angle for beveling cuts

Permalign® II Abrasive Head

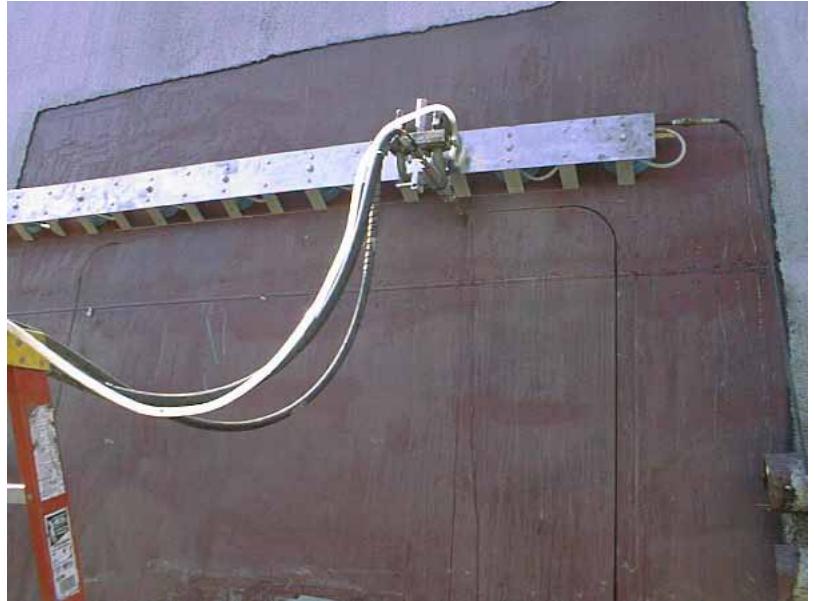
Length	10.94 in (27.8 cm)
Weight	4.00 lbs (1.8 kg)
Operating air pressure (min)	60 psi (4 bar)
Water pressure (max)	60,000 psi (4100 bar)
Orifice range	.005 - .021 in (.127 - .53 mm)
Nozzle range	.020 - .065 ID (.508 - 1.65 mm)
Max flow rate	2.1 gpm (7.95 lpm)

High Flow Abrasive Head (for cutting thicker material or multiple layers)

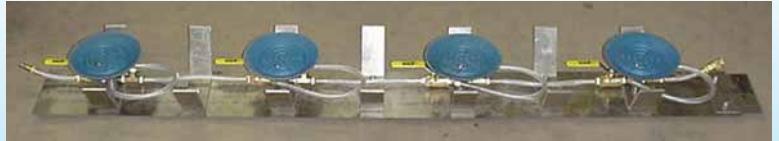
Length	7.55 in (19.1 cm)
Weight	4.00 lbs (1.8 kg)
Operating air pressure (min)	60 psi (4 bar)
Water pressure (max)	45,000 psi (3100 bar)
Orifice range	.020 - .036 in (.51 - .91 mm)
Nozzle range	.095 - .125 ID (2.41 - 3.18 mm)
Max flow rate	5.1 gpm (19.04 lpm)

Abrasive Delivery System

- Lightweight durable high-impact poly design
- Two-wheel pneumatic tires with rigged frame
- Air-regulated metering valve
- Delivery rate: up to 3 lb (1.36 kg)/minute



Jet Edge's Spyder Abrasivejet Cutting System is a portable linear and pipe cutting system designed for use in remote and/or potentially hazardous environments. It is ideal for cutting pipelines, steel reinforced concrete, reactor vessels and fabricated metal structures. The Spyder is a pneumatically controlled mobile waterjet system that moves along rigid, flexible or pipe tracks. Its abrasivejet cutting head can be angled for beveling cuts. An optional radius/circle fixture can be added for increased versatility.



POWERED BY JET EDGE!



Model iP55-280DS

The Riding Deckblaster is powered by a Jet Edge waterjet intensifier pump.

Specifications subject to change.

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Rev. July 2011