Flow
SHAPE TECHNOLOGIES GROUP®

AHB
TOOLING & MACHINERY
COMPLETE METALWORKING SOLUTIONS
(800) 991-4225   www.ahbinc.com
ISO Certified   customerservice@ahbinc.com

HYPLEX® PRIME

60,000 psi [4150 bar] Direct Drive Pump

The HyPlex® Prime pump represents the next generation of energy efficient, direct drive ultrahigh-pressure waterjet pumps

The HyPlex Prime design increases the maintenance intervals over prior models, minimizing downtime, and increasing productivity. The superior ratio of input energy to the waterjet delivers consistent, reliable maintenance for all pump components.

The pump has a maximum developed pressure of 60,000 psi and comes standard with Flow's Pac-V patented control valve, which reduces maintenance and enables cutting variability of pressure as needed.

Specifications

Horsepower
30/50 hp

Orifice Size
0.012"/0.015" [0.30 mm/0.38 mm]

Flow Rate
0.84/1.34 gal/min

Max Generated Pressure
60,000 psi [4150 bar]

Max Operating Pressure
55,000 psi [3800 bar]

Features & Benefits

Modular Pump Design
Allows for a wide variety of options such as dual-pressure control. The HyPlex Prime is mounted on its own purpose-built skid for mobility, vibration isolation, and ease of service.

Next Generation Seal Technology
Utilizes the next generation of seal technology from Flow's 94,000 psi HyperPressure™ pumps.

Water Filtration System
Dual cartridge inlet water filtration to 0.5 micron with inlet and outlet pressure gauges.

Pressure Loading Tool
Quickly, easily, and accurately perform maintenance on high-pressure components using a single wrench to tension four (4) tie rods simultaneously.

Patented PAC-V™ Technology
The PAC-V pressure control automatically adjusts water overflow when the jet turns off or when the operator changes orifice size reducing complexity of running an ultrahigh-pressure direct drive pump.

Combines HyperJet® technology with direct drive efficiency. The most reliable ultrahigh-pressure direct drive pump.

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