



WHAT WE CAN DO FOR YOU

PRODUCTS

HEART OF JET EDGE SYSTEMS

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Diesel Power...



Model 55-260DX (Skid Mount)

The full range of UHP intensifier pumps are the heart of every waterjet cleaning and cutting system manufactured at Jet Edge. Jet Edge pumps provide flow rates as high as 7.2 gpm (27.3 lpm) and continuous output pressure of up to 55,000 psi (3800 bar). With pump sizes ranging from 40 to 260 horsepower; electric or diesel; skid mounted or trailer design.

Jet Edge manufactures state-of-the-art, electronically shifted intensifiers that provide smooth operation including true shut off which eliminates wasting water. Intensifier pumps are capable of adjustment of both the output pressure and the flow rate, in other words..... **any pressure, any flow rate!**

All Jet Edge pumps incorporate pressure compensation so the water flow is tailored to the specific job thus providing steady flow rates when operating multiple water jet tools.

Performance:

| PUMP FEATURES* | 36-50 | 36-100 | 36-200 | 36-250DXS | 55-200 | 55-260DXS |
|--|---|------------|-------------|--------------------|--------------|-------------|
| Continuous Output Pressure, psi (bar) | 36,000 psi (2,500 bar) | | | 55,000 (3,800 bar) | | |
| Motor Output, horsepower (kilowatt) | 50 (37) | 100 (75) | 200 (149) | 250 (187) | 200 (149) | 260 (193) |
| Flow Rate, gallons (liters) per minute | 1.9 (7.2) | 4.0 (15.1) | 6.1 (23.1) | 7.2 (27) | 4.0 (15.2) | 4.3 (16) |
| Intensifier Configuration | Single | | Dual | | | |
| Intensifier Ratio | 12:1 | | | 19:1 | | |
| Motor | Electric | | | Diesel | Electric | Diesel |
| Motor Starter | Wye-delta soft start with system disconnect | | | N/A | Wye-delta... | N/A |
| Motor Speed | 1,780 rpm | | | 1,850 rpm | 1,780 rpm | 1,850 rpm |
| Maximum Rated Orifice Size, in (mm)** | .023 (.58) | .034 (.86) | .040 (1.02) | | .028 (.71) | .030 (.76) |
| Plunger Strokes per Minute with | 44 | 43 | 60 | 70 | 71 | 74 |
| Full load amps @ 460 VAC (60Hz) | 60 | 119 | 233 | N/A | 233 | N/A |
| Full load amps @ 230 VAC (60Hz) | 120 | 238 | 466 | N/A | 466 | N/A |
| Full load amps @ 380 VAC (50Hz) | 73 | 145 | 280 | N/A | 280 | N/A |
| Electronic Controls | | | | PLC | | |
| Hydraulic Circuit | Open Loop | | | Closed Loop | Open Loop | Closed Loop |

| | | | | | | |
|--|-------------------------------|--------------------------------|---------------------------|--------------------------------|---------------------------|--------------------------------|
| Hydraulic Accessory Port | 1 Port with 3 gpm @ 1,500 psi | 2 Ports with 6 gpm @ 1,500 psi | N/A | 2 Ports with 8 gpm @ 1,500 psi | N/A | 2 Ports with 8 gpm @ 1,500 psi |
| Water Filtration Cartridges | 1 | 2 | | | 4 | |
| Air Compressor | N/A | | | 13 cfm @ 100 psi | N/A | 13 cfm @ 100 psi |
| Skid Mount Frame | Standard | | | | | |
| DIMENSIONS* | 36-50 | 36-100 | 36-200 | 36-250DXS | 55-200 | 55-260DXS |
| Length x Width x Height, in (cm) | 80x37x52 (203x94x132) | 96x37x60 (224x94x152) | 92x57x61 (233x145x155) | 138x62x73 (350x157x185) | 92x57x61 (233x145x155) | 138x62x73 (350x157x185) |
| Weight, lbs. (kg) | 3,020 (1,370) | 4,600 (2,087) | 6,200 (2,812) | 9,000 (4,050) | 6,200 (2,812) | 9,000 (4,050) |
| *Specifications subject to change. **No hydraulic accessory load (36-50 and 36-100). | | | | | | |



Model 36-250DX

Electric Power...



Model 36-100

Standard Features:

- Continuous output pressures of up to 55,000 psi (3800 bar)
- Electronically shifted intensifier(s)

- Intensification ratio of 12:1 and 19:1
- Safety shutdown systems
- Automatic safety pressure bleed-down valve
- Incoming water supply booster pump
- 1 micron water filtration
- 0.5 gallon (1.9 liter) high pressure attenuator
- Programmable Logic Controller (PLC) for operation and safety monitoring
- Dual pressure set points
- Axial piston, variable displacement, pressure-compensated hydraulic pump
- Liquid filled pressure gauge
- UHP safety shielded tubing

Construction:

- Heavy gauge sheet metal covers
- Rugged all-steel welded framework
- Hinged access panels for convenient machine inspection and maintenance
- Integral hydraulic reservoir
- Sound insulated for quiet operation

Options:

- Alternate power: 200, 208, 380, 400, 415, 575 Vac, 50 Hz, 60 Hz
- Advanced or basic controls package
- Remote operator station
- Variable pressure control
- Closed-loop pressure control
- RS-232 or similar communications
- Genius I/O Control GE or Allen-Bradley Data Highway

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