

**NEW!**

KMT Waterjet Systems

## NEOLine™ 40i Intensifier Pump

***The Perfect Solution  
for Job Shop Cutting***



**The KMT Waterjet NEOLine™ 40i Pump is the NEW Low Cost Option for Multiple Waterjet Cutting Applications.**

The KMT Waterjet NEOLine™ 40i pump uses **KMT proven intensifier technology** for superior performance with less maintenance.

The durable and reliable NEOLine™ 40i pump is **ideally suited for small job shops, sign and automotive shops** requiring the versatility and flexibility found only with waterjet cutting.

The NEOLine™ 40i features a new, low profile cabinetry design for easy access to pump controls and components along with 55,000psi operating pressure to cut steel, glass, granite, tile, plastic, aluminum, stone and much more.



### The KMT Waterjet Family of Products

The NEOLine™ waterjet pump is designed to work with the complete line of KMT Waterjet cutting head components and abrasive management systems.

Please call to discuss your applications or to receive more information on any high pressure component. KMT Waterjet has a network of trained and certified technicians available to provide Cutting Edge Solutions.

### KMT NEOLine™ 40i Pump Includes:

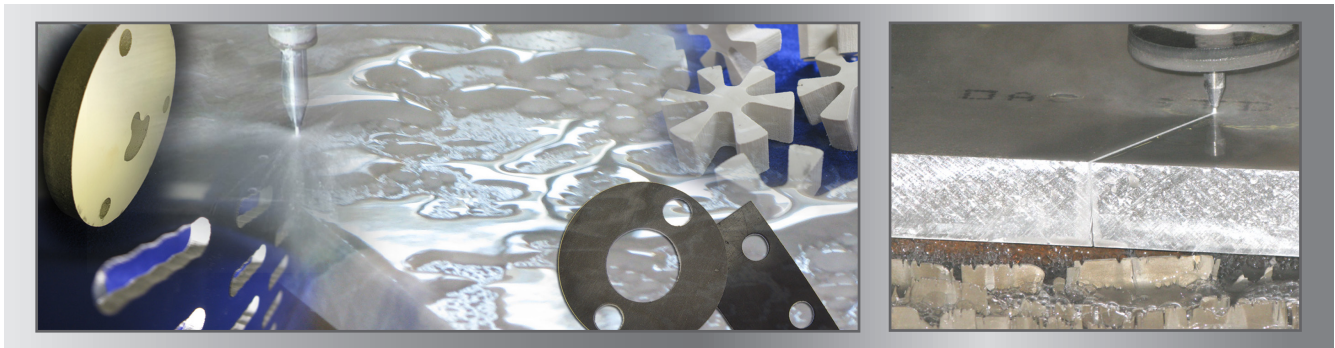
- 40hp Three-phase Pump Motor
- Streamline™ SL-IV Intensifier w/Long Seal Life
- Low Inlet Water Pressure Safety Switch (30psi)
- 55,000psi Operating Design Pressure
- Variable Displacement Axial Piston Pump
- Continuous Recirculation Pump for Cooling System
- Manual Pressure Control
- Hi-Temp/Low Level Oil Safety Switch
- Oil/Water Heat Exchanger
- Auto Bleed Down Valve
- Rugged Powder-Coated Finish
- Vibration Isolation Pads on Motor
- Oil Temperature/Level Sight Gauge
- Electrical Junction Box
- PLC Based Controls w/User-friendly Operator Interface
- Basic Control for Pump On/Off, E-Stop
- Cooling Water Modulating Valve (Oil/Water Heat Exchanger)
- Dual Pressure Compensator Included
- **Optional** Booster Pump w/10 micron Filter



## SYSTEM INFORMATION

## NEOLine™ 40i

Nominal Power Rate	40hp (29 kW)
Max. Continuous Pressure	55,000 psi (3.800 bar)
Max. Water Flow Rate	0.72 gpm (2.73 L/min)
Max. Single Orifice Dia. (@ full pressure)	.012 in. (0.30 mm)
Control Voltage & Power Supply	24V DC; 5 Amps DC
Ambient Operating Temperature	Min. 40°F (5° C), Max. 104°F (40° C)
Hydraulic Reservoir Capacity	32 gal (121 L)
Cooling Water Flow @ 75° (24° C) Water Temp.	<3 gpm (11.4 L/min)
Attenuator Volume	.26 gal (1L)
Length	56.53" (143.58 cm)
Width	42" (106.68 cm)
Height	39.5" (100.33 cm)
Weight	2,000 lbs.



**KMT Waterjet Systems Inc.**

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