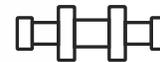




INTENSIFIER TECHNOLOGY

The Right Tool For The Right Job

By rethinking the way the intensifier pump works, we were able to make it **work harder, last longer, and require less service time**. Engineered using Advanced Intensifier Technology (AIT), DynaMAX pumps have streamlined access, simpler high-pressure ends, a large diameter ceramic plunger, and more, making the DynaMAX intensifier pumps **more cost effective than any other intensifier pump in the world**. Advanced electronics provide smooth, reliable shifting for optimum cut quality, while an intuitive user interface streamlines operation. All this combined makes DynaMAX **the world's best intensifier pump technology**.



Advanced
Intensifier
Technology



Simpler and
easier to service



Exceptional
productivity



INTENSIFIER TECHNOLOGY

ADVANCED INTENSIFIER TECHNOLOGY



By rethinking the way the intensifier pump works, we were able to make it work harder, last longer, and require significantly less service time. Sophisticated electronics provide **smooth, reliable shifting** for optimum cut quality and pump performance. The powerful, intuitive software package provides operators all the information they need to **maximize uptime**. The service-friendly design simplifies maintenance, and innovative valve design **enables quick evaluation** and faster routine servicing.

5-SERIES PREDICTIVE TECHNOLOGY



DynaMAX 5-Series pumps are the first waterjet pumps to incorporate **predictive maintenance capabilities** that substantially reduce maintenance costs and disruption caused by non-planned service. Equipped with standard features such as our proven Advanced Intensifier Technology (AIT) and a closed loop proportional pressure control, DynaMAX pumps offer you **even more consistent cut quality** while ensuring trouble-free operation and reliability.



PATENTED SEAL MAINTENANCE TECHNOLOGY

Eliminate guess work, messy spills in the workspace, and unplanned downtime due to seal failure with the patented Seal Maintenance Technology. This innovative technology **boosts productivity and improves shop safety** through realtime monitoring of the seals and provides clear indicators of current seal life. Seal Maintenance Technology maximizes effective seal usage and assists in scheduled maintenance, lowering operating costs and reducing system downtime.



INTENSIFIER TECHNOLOGY

SMALL FOOTPRINT, LARGE PERFORMANCE



DynaMAX 3-series pumps include the next evolution of Advanced Intensifier Technology (AIT) that eliminates soft, static high-pressure seals and incorporates industry-leading cartridge seal design, **enabling rapid replacement of common consumables**. A closed-loop proportional pressure control adjusts for ambient pressure and temperature, oil viscosity and hydraulic system wear parts, to **deliver consistent quality at optimum cutting speeds**, all in a reduced footprint design.

	MOTOR POWER	MAXIMUM JET POWER ¹	OUTPUT PRESSURE	ORIFICE AND FLOW RATE ²
DYNAMAX 315	15 HP (11 kW)	10.3 HP (7.5 kW)	60,000 psi	0.007" / 0.3 gpm (0.18mm / 1.1 lpm)
DYNAMAX 330	30 HP (22 kW)	20.6 HP (15.1 kW)	60,000 psi	0.011" / 0.6 gpm (0.28mm / 2.3 lpm)
DYNAMAX 350	50 HP (37 kW)	34.4 HP (25.3 kW)	60,000 psi	0.014" / 1.0 gpm (0.35mm / 3.8 lpm)
DYNAMAX 575P³	75 HP (56 kW)	51.6 HP (37.9 kW)	60,000 psi	0.017" / 1.5 gpm (0.43mm / 5.7 lpm)
DYNAMAX 5100³	100 HP (75 kW)	72.2 HP (53.1 kW)	60,000 psi	0.020" / 2.1 gpm (0.51mm / 11.4 lpm)

1 JetPower is directly proportional to the water pressure at the nozzle times the volume flow rate of the waterjet stream.

2 Recommended maximum orifice size. Smaller orifice sizes have a corresponding lower flow rate.

3 DynaMAX 575P and DynaMAX 5100 are only available on OMAX JetMachining Centers. Not available on the OMAX 2626 JetMachining Center.

Specifications subject to change without notice.

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OMAX is the global total solutions provider in advanced abrasive waterjet systems. Our intuitive IntelliMAX Software Suite simplifies programming and reduces setup times, increasing your productivity. OMAX engineers continue to innovate technology for abrasive waterjet machining, from proven 4th generation pump designs to cutting edge drive systems with micron-level accuracy. With the largest abrasive waterjet support network in the world, OMAX continues to shape the future of waterjets.

To see how an OMAX abrasive waterjet system can save you time and money, call or visit our website and request a free part analysis today.

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