

High-Pressure Pumps – 3,800 bar

JETLINE™ JL-I 50

The JETLINE™ high pressure pump is equipped with an SSEC intensifier and combines all the advantages of KMT Waterjet Systems for waterjet cutting applications. As the pump has been especially designed for the Asian market, it is not CE marked. Nevertheless, it meets all expectations regarding cost-efficient waterjet cutting.

Economic waterjet cutting in one-shift operation

The high pressure pump JETLINE JL-I is available with 37 kW and can serve waterjet cutting machines operating with single or multiple cutting heads. Due to the intellyest control system and the intensifier design, the JETLINE pump is best used in one-shift operation.

Built-in safety thanks to intellyest control system

To ensure highest safety and reliability, the JETLINE™ is equipped with a PLC system including a text display. This four-line display provides the machine operator with valuable information regarding the operating status of the pump. Information that might be relevant for proper servicing is thus easily available, and the display acts as an indispensable tool for troubleshooting.

Suitable for stand-alone operation or integration into overall system

Depending on the customer's requirements, the pump can be run as a stand-alone unit or integrated into the control system of the overall plant. The messages of the four-line display can be transferred to the control desk display of the plant control system.

Energy-efficient motor start

To prevent voltage peaks that affect the energy costs, each JETLINE™ pump is equipped with a Wye-Delta starter unit. Your power system is thus not subjected to unnecessarily high loads.



JETLINE JL-I 50					
Motor Rating	37kw/50hp				
Pressure Range	500-3800 bar				
Max. Flow Rate at max. Pressure	3,8 l/min				
Intensifier Design	SSEC-PL				
Label acc. to EC-Mach. Directive	-				
Max. Number of Orifices at max. Pressure					
Orifice Sizes Pure Water Cutting			Orifice Sizes Abrasive Cutting		
0,10	0,12	0,15	0,17	0,25	0,35
12	8	5	4	2	1