

# KMT Waterjet Cutting Pumps

## STREAMLINE® CLASSIC 60,000 PSI | 50 HP

- PROVEN PERFORMANCE
- ADVANCED TECHNOLOGY



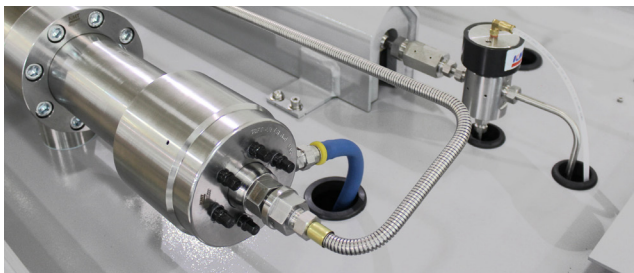
The **NEW KMT STREAMLINE® CLASSIC Series** employs long-stroke technology designed for ease of use, reliability and maximum uptime...

*Classic KMT with modern technology!*

### STREAMLINE INTENSIFIER

- NO TIE RODS
- ALL THREADED MODULAR DESIGN

Perform maintenance quickly to just one side of the intensifier at a time...*no need to remove the entire intensifier to work on one side.*



- **Exclusive Long, Slow Stroke Moves More Water**---Reduced maintenance results from the longer (about 8") stroke which moves more volume (up to 5.5 cu.in.) allowing a slower stroke rate, extending the life of seals.

### FEATURES

- **Hard Seal End Cap** Ease of maintenance
- **Magnetic Front Panel** Quick access
- **Proportional Control Valve** Ultimate pressure control
- **Booster Pump** Seamless installation
- **Soft Start Motor** Eliminates voltage spikes
- **Compact Design** Limited space requirements

### OPTIONS

- **Oil/Air Cooler**
- **Available in 30 HP & 50 HP**

# SPECIFICATIONS

DESCRIPTION	US   EU
Motor Rating	50 HP   37 kW (Available in 30 HP   22 kW)
Pressure Range	10,000 - 60,000 psi   690 - 4.150 bar
Max. Flow Rate	1.08 gpm at 60,000 psi   4,1 L/min at 4.150 bar
Max. Orifice @ Max. Pressure	0.014"   0,35 mm <small>*Contact KMT for information on orifice size with multiple cutting heads.</small>
Dimensions	60.16" x 42.17" x 48.23" [L x D x H] 1.575 x 1.165 x 1.310 mm [L x D x H]
Weight	2,700 lbs. (approx.)
<b>CUTTING WATER CIRCUIT</b>	
Topworks	HSEC   SSEC
Max. Nominal Strokes per Minute	54
Accumulator Volume	.3 gal.   1 Liter
Min. Cutting Water Inlet Pressure	44 psi   3 bar
Min. Cutting Water Inlet Flow Rate	2 gal./min.   7,6 l/min
Booster Pump	Included
LP Filter	1 x .5 um + 1 x 1 um
High Pressure Outlet Connection	3/8" UHP (Female)   9.53 mm
Low Pressure Connection	1/2" NPT   12.7 mm
Drainage Connection	1/2" NPT   12.7 mm
<b>ELECTRIC &amp; CONTROLS</b>	
Motor Starter	Softstarter
Maximum Pump Current (FLA)	208/60/3-phase 134A      480/60/3-phase 58A 230/60/3-phase 121A      575/60/3-phase 50A 400/50/3-phase 71A
Nom. Motor Current at 400V/50Hz	66A
Fuse Size at 400V/50Hz	80A
Pressure Control	Proportional Control with Hi/Lo Switch
Control System	Siemens S7-1200
Interface Connection	MODBUS TCP/IP via Ethernet
Display	via web - HMI (Multi-Language)
<b>PNEUMATIC, HYDRAULICS &amp; COOLING CIRCUIT</b>	
Max. Hydraulic Pressure	3,000 psi   207 bar
Hydraulic Reservoir (Capacity)	40 gal   152 Liter
Pneumatic Supply Pressure	87 psi   6 bar
Pneumatic Supply Volume	7 gal/min   28 L/min
Ambient Temp. Oil/Water Heat Exchanging	7.4 gpm @ -49° F   5 L/min @ - 45° C
Cooling Mode	41° to 113° F   5° to 45° C
Cooling Water Pressure	Oil/Water
Cooling Water Consumption @ 75°F/24°C Water Temp	35 - 100 psi   2,4 - 6,5 bar
Other	3 gal/min   11,4 L/min
Label According to EC-Machinery Directive	None   CE Mark & CE Declaration of Conformity
Max Noise Level	<=80dB(A)
<b>OPTIONAL FEATURES</b>	
Oil/Air Cooler	
Food Grade Oil	



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NEW! Cut Calculator APP 2.0

Compare 90,000psi to 60,000psi cutting.  
*Increase Productivity @ 90,000psi!*

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iOS









## KMT OFFERS THE BROADEST RANGE OF WATERJET PUMPS




125 HP




60 HP




200 HP




100 HP



50 HP & 30 HP



50 HP & 30 HP



15 HP

PRO SERIES | 90,000 PSI

STREAMLINE & CLASSIC SERIES | 60,000 PSI



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CLASSIC 50 HP PUMPS - RELEASED