

PRO SPECIFICATIONS

DESCRIPTION	60
Motor Rating	60hp (45kw)
Pressure Range (Deadhead)	90,000psi (6,200 bar)
Max. Flow Rate at Max. Pressure (60 Hz)	0.78 gal/min (2.9 lpm)
Length	83.7" (2,126 mm)
Width	53.7" (1,364 mm)
Height	59.3" (1,506 mm)
CUTTING WATER CIRCUIT	
Attenuator Volume	.42 gal (1.6 L)
Cutting Water Inlet Pressure	35-85psi (2.41-5.86 bar)
Min. Cutting Water Inlet Flow	4.0 gal (15.1 L)
Low Pressure Filter	10 µm abs.
CONTROLS & ELECTRIC	
Nom. Current at 480V/60Hz (Full Load Amp)	70 A
HYDRAULICS	
Hydraulic Tank Capacity	55.8 gal (211 L)
Oil Level and Temperature Control	Sensor
STANDARD FEATURES	
Adjustable Booster Pump	
Cutting Water Inlet Shut-Off Valve	
Dual Pressure Setting	
Oil Drip Pan	
Dump Valve	
Water Cooled Heat Exchanger	
Cover	
Doors	
High Pressure Transducer	
OPTIONAL FEATURES	
Air Cooled Heat Exchanger	
Motor Rewind for 575v & CSA	
Proportional Control	
Redundant Intensifier	
Soft Start/Electronic/Y-Delta	



DESCRIPTION	125
Motor Rating	125hp (93.2kw)
Pressure Range (Deadhead)	90,000psi (6,200 bar)
Max. Flow Rate at Max. Pressure (60 Hz)	1.59 gal/min (6.0 lpm)
Length	88" (2,230 mm)
Width	59.09" (1,500 mm)
Height	61.12" (1,552 mm)
CUTTING WATER CIRCUIT	
Attenuator Volume	.42 gal (1.6 L)
Cutting Water Inlet Pressure	35-85psi (2.41-5.86 bar)
Min. Cutting Water Inlet Flow	8 gal (30 L)
Low Pressure Filter	10 µm abs.
CONTROLS & ELECTRIC	
Nom. Current at 480V/60Hz (Full Load Amp)	70 A
HYDRAULICS	
Hydraulic Tank Capacity	110 gal (416 L)
Oil Level and Temperature Control	Sensor
STANDARD FEATURES	
Adjustable Booster Pump	
Cutting Water Inlet Shut-Off Valve	
Dual Pressure Setting	
Oil Drip Pan	
Dump Valve	
Water Cooled Heat Exchanger	
Cover	
Doors	
High Pressure Transducer	
Proportional Control	
Soft Start	
OPTIONAL FEATURES	
Motor Rewind for 575v & CSA	
Electronic/Y-Delta Start	



NOTE: Applies to all pumps:
 Min. pneumatic air pressure 86 PSI
 Max. pneumatic air flow rate 1 SCFM
 Ambient temp. @ Oil-to-Water cooling circuit 41 - 106°F
 Ambient temp. @ Oil-to-Air cooling circuit 41 - 86°F

MAX. ORIFICE SIZE:

PRO-III 60HP: .011
 PRO-III 125HP: .016



KMT Genuine Parts & Service



- SUPRAlife seals guaranteed for 500 hours*
- Onsite Post Installation Assessment by KMT Genuine Service Technician
- Standard One Year Warranty with Option for Extended Warranty
- Includes Two Preventive Maintenance Visits in the First Year of PRO-III Ownership
- Be Secure Knowing your PRO-III is Serviced by the Experts at KMT Genuine Service
- Maintaining Optimal Performance, Efficiency and Reliability Through the Life of your Intensifier
- Setting the Standard for Service and Support in the Waterjet Industry

THE BEST VALUE IN THE WATERJET INDUSTRY



- WATERJET PIONEERS
- GLOBAL NETWORK OF OEM'S
- BROADEST RANGE OF WATERJET SYSTEMS

KMT Waterjet Systems Inc.
 635 West 12th Street
 Baxter Springs, KS 66713 USA
 620-856-2151 • 800-826-9274
 sales@kmtwaterjet.com
 kmtwaterjet.com



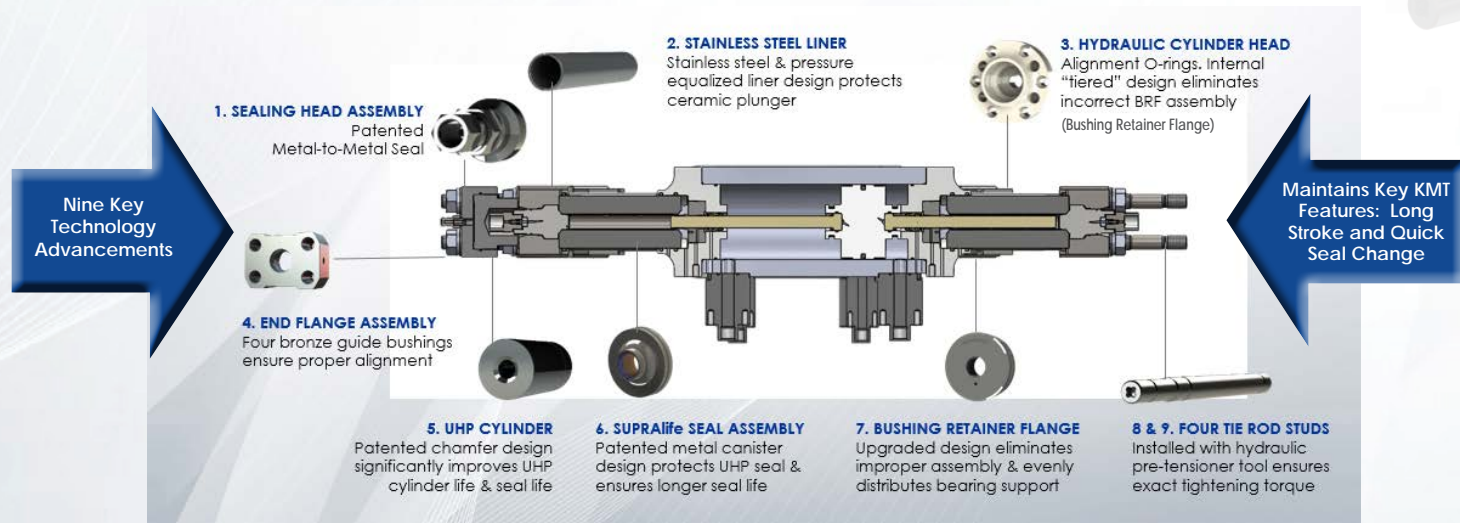
Powering the World in Waterjet Technology for over 60 Years

PRO PUMPS

KMT STREAMLINE PRO® 90,000PSI PUMP



- SUPRAlife seals guaranteed for 500 hours (Terms & conditions apply)
- Metal-to-metal seal design is more durable with no wear in the high pressure cylinder bore
- Tie Rod Design with hydraulic loading tensioner guarantees longer lifetime of SUPRAlife seals
- Stainless steel liner adds extra protection to ceramic plunger for longer life
- Topworks can be retrofitted to PRO-I & PRO-II Pumps



KMT PRO ADVANTAGE

\$83.13

Designed for maximum productivity, profitability, and extended performance. Combines the lowest cost of operating a waterjet pump with outstanding KMT Genuine Service support to provide optimum value.



**PATENTED PRO TECHNOLOGY:
LOWEST COST PER PART!**

60,000PSI vs. 90,000PSI Comparison

The diagrams below shows the KMT PRO 90,000psi (60hp and 125hp) pumps compared to standard 60,000psi (50hp) waterjet pumps. The data demonstrates when cutting 1 inch aluminum at 90,000psi, there is a significant improvement in productivity, lower cost per part and substantial abrasive savings.

Increase Productivity/Profitability

60,000PSI 50HP	90,000PSI 60HP
1,000 Parts/Day x \$1/Part \$1,000	1,500 Parts/Day x \$1/Part \$1,500

Lowest Cost Per Part

60,000PSI 50HP	90,000PSI 60HP
14:03 7" \$8.30	9:42 11" \$5.89

Reduce Abrasive Cost

60,000PSI 50HP	90,000PSI 60HP
14/43 1.43 10 hours/day = 50 hours \$1,285 \$66,820/Year	11/30 1.08 6.9 hours/day = 35 hours \$615 \$31,980/Year

Increase Capacity

60,000PSI 50hp	90,000PSI 60hp	90,000PSI 125hp	90,000PSI 125hp
[Image]	[Image]	[Image]	[Image]

Total Job Cost Savings \$34,840 Year!



*60,000psi Parts Shown for Comparison



NEW! Cut Calculator APP 2.0
Compare 90,000psi to 60,000psi cutting.
Increase Productivity @ 90,000psi!

