



**ALL AKS WATERJET CUTTING SYSTEMS
FEATURE KMT INTENSIFIER PUMPS**

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Streamline PRO Pumps
90,000 PSI
(6,200 bar)

**MATERIAL /
CUT SPEEDS**



60 HP



125 HP

MATERIAL	ORIFICE DIA.	0.011 (0.28 mm)	0.016 (0.41 mm)	Dual .011 (0.28 mm)
	THICKNESS	Maximum Cut Speed ipm (mm)	Maximum Cut Speed ipm (mm)	Maximum Cut Rate ipm(mm)
Aluminum	0.5"(13mm)	55.08 (1399)	76.38 (1940)	110.16 (2798)
	1.0"(25mm)	21.14 (537)	29.27 (743)	42.28 (1074)
	2.0"(51mm)	7.87 (200)	10.86 (276)	15.74 (400)
Stainless Steel	0.5"(13mm)	17.82 (453)	24.71 (628)	35.64 (905)
	1.0"(25mm)	6.84 (174)	9.47 (241)	13.68 (347)
	2.0"(51mm)	2.55 (65)	3.51 (89)	5.1 (129)
Titanium	0.5"(13mm)	24.84 (631)	34.44 (875)	49.68 (1262)
	1.0"(25mm)	9.53 (242)	13.20 (335)	19.07 (1940)
	2.0"(51mm)	3.55 (90)	4.90 (124)	7.1 (180)
Abrasive Flow Rate Lbs/Min		1.1 (.50 kg)	1.7 (.77 kg)	1.1 per head (.50 kg)

Streamline SL-VI Pumps
60,000 PSI
(4,137 bar)

**MATERIAL /
CUT SPEEDS**



60 HP



MATERIAL	ORIFICE DIA.	0.009 (0.23 mm)	0.010 (0.25 mm)	0.014 (0.35 mm)
	THICKNESS	Maximum Cut Speed ipm (mm)		
Aluminum	0.5"(13mm)	13.83 (351)	16.34 (415)	26.63 (676)
	1.0"(25mm)	6.23 (158)	7.36 (187)	12.00 (305)
	2.0"(51mm)	2.81 (71)	3.32 (84)	5.41 (137)
Stainless Steel	0.5"(13mm)	4.73 (120)	5.58 (142)	9.10 (231)
	1.0"(25mm)	2.13 (54)	2.52 (64)	4.10 (104)
	2.0"(51mm)	.96 (24)	1.13 (29)	1.85 (47)
Titanium	0.5"(13mm)	5.48 (139)	6.48 (875)	10.56 (268)
	1.0"(25mm)	2.47 (63)	2.92 (74)	4.76 (121)
	2.0"(51mm)	1.11 (28)	1.32 (34)	2.14 (54)
Abrasive Flow Rate Lbs/Min		0.7 (.32 kg)	0.7 (.32 kg)	1.2 (.54 kg)