



ANTRAQUIP[®] CORP

The Leader in Rock & Concrete Cutting



HYDRAULIC CUTTING ATTACHMENTS

AXIAL/ LENGTHWAYS "INLINE" vs TRANSVERSE

Axial cutters (see right image) utilize a single drum design and are most commonly utilized for narrow trench excavation, cutting of concrete piles, remediation, profiling, scaling and other projects that require extraordinary cutting precision. Antraquip transverse cutters utilize a dual cutting drum system (see image on page 10) that maximizes the cutting forces transferred into the rock or concrete. Specifications noted below.



AXIAL (INLINE) CUTTERS

TECHNICAL DATA	UNIT	AQ-1L	AQ-2L	AQ-3L	AQ-4L
Machine Length	in (mm)	40 (1.020)	42 (1.080)	42 (1.080)	55 (1.400)
Cutting Head Diameter	in (mm)	15 (380)	16 (405)	19 (485)	26 (660)
Displacement 1	RPM - GPM	95 RPM @ 16 GPM	80 RPM @ 32 GPM	80RPM @ 32 GPM	70 RPM @ 58 GPM
	RPM - L/MIN	95 RPM @ 60 L/MIN	80 RPM @ 121 L/MIN	80 RPM @ 121 L/MIN	70 RPM @ 219 L/MIN
Displacement 2	RPM - GPM	90 RPM @ 25 GPM	85 RPM @ 43 GPM	85 RPM @ 43 GPM	75 RPM @ 82 GPM
	RPM - L/MIN	90 RPM @ 95 L/MIN	85 RPM @ 163 L/MIN	85 RPM @ 163 L/MIN	75 RPM @ 310 L/MIN
Oil Flow Range	GPM (L/MIN)	15 - 30 (55 - 115)	30 - 45 (110 - 170)	30 - 45 (110 - 170)	50 - 95 (190 - 360)
Max Pressure	PSI (bar)	5,800 (400)	5,800 (400)	5,800 (400)	5,800 (400)
Max Torque Output	ft lbs (Nm)	4,370 (5.925)	8,740 (11.850)	8,740 (11.850)	19,690 (26.700)
Max Cutting Force	lbs (N)	7,028 (31.275)	13,125 (58.405)	11,050 (49.175)	18,204 (81.010)
Weight	lbs (Kg)	750 (340)	810 (370)	925 (420)	2,980 (1.350)
Maximum Input Power	HP (kW)	60 (45)	90 (65)	90 (65)	160 (120)
Carrier Weight (Recommended)	tons	4 - 15	10 - 25	10 - 25	20 - 60
Engine Power of Carrier (Recommended)	HP (kW)	25 - 90 (20 - 65)	80 - 120 (60 - 90)	80 - 125 (60 - 95)	150 - 240 (110 - 180)
Quantity of Bits	Bits	30	30	24	24
Standard Bit	Type	AD-735-001	AG-100-107	AG-100-111	AH-117-020

AQ-3	AQ-3XL	AQ-4	AQ-4XL	AQ-5	AQ-6
22 (560)	23 (585)	28 (710)	29 (735)	33 (840)	40 (1.015)
31 (790)	32 (815)	40 (1.015)	49 (1.245)	53 (1.345)	68 (1.730)
80 RPM @ 32 GPM	80 RPM @ 40 GPM	70 RPM @ 58 GPM	75 RPM @ 80 GPM	65 RPM @ 96 GPM	40 RPM @ 142 GPM
80 RPM @ 121 L/MIN	80 RPM @ 151 L/MIN	70 RPM @ 219 L/MIN	75 RPM @ 299 L/MIN	65 RPM @ 363 L/MIN	40 RPM @ 540 L/MIN
85 RPM @ 43 GPM	85 RPM @ 50 GPM	75 RPM @ 82 GPM	70 RPM @ 110 GPM	60 RPM @ 135 GPM	45 RPM @ 234 GPM
85 RPM @ 163 L/MIN	85 RPM @ 189 L/MIN	75 RPM @ 310 L/MIN	70 RPM @ 416 L/MIN	60 RPM @ 510 L/MIN	45 RPM @ 890 L/MIN
30 - 45 (110 - 170)	34 - 65 (125 - 245)	50 - 85 (190 - 320)	65 - 130 (245 - 495)	95 - 160 (360 - 610)	130 - 260 (490 - 980)
5,800 (400)	5,800 (400)	5,800 (400)	5,800 (400)	5,800 (400)	5,800 (400)
8,740 (11.850)	11,200 (15.185)	21,590 (29.274)	28,120 (38.125)	39,310 (53.300)	99,600 (135.040)
9,545 (42.475)	11,683 (51.990)	18,933 (84.250)	24,068 (107.105)	28,686 (127.655)	62,112 (276.400)
2,045 (930)	2,290 (1.040)	4,125 (1.875)	5,775 (2.625)	7,832 (3.560)	14,350 (6.510)
90 (65)	120 (90)	160 (120)	215 (160)	270 (200)	540 (400)
12 - 20	15 - 28	25 - 45	40 - 70	50 - 80	75 - 150
80 - 120 (60 - 90)	90 - 160 (65 - 120)	150 - 240 (110 - 180)	200 - 300 (150 - 225)	260 - 360 (195 - 270)	470 - 805 (350 - 600)
48	48	48	56	64	88
AG-100-111	AH-117-020	AH-117-020	AH-117-020	AH-038-023	AH-038-023