

BTA

Breaker Technology America



PRODUCT GUIDE



BREAKER TECHNOLOGY AMERICA

PRO-SERIES HAMMERS

The new PRO-SERIES hydraulic hammers are now available from Breaker Technology America. These hammers are designed for professionals, with productivity, reliability and serviceability in mind. We offer a range of hammers that provide simple design and hard-working, repeatable destruction at affordable prices. Our products are backed by strong technical and parts support.

- EXCEPTIONAL POWER AND PRODUCTIVITY
- HIGH RETURN ON INVESTMENT

- EASY SERVICE AND MAINTENANCE
- GREAT PARTS AVAILABILITY FOR ZERO DOWNTIME

DESCRIPTION	UNIT	BTA35T	BTA60T	BTA70T	BTA85T	BTA160E	BTA220E	BTA300E	BTA380E	BTA480HD
Operating Weight (Tool + M/C)	lb (kg)	397 (180)	683 (310)	838 (380)	1,257 (570)	2,469 (1,120)	3,858 (1,750)	4,850 (2,200)	6,173 (2,800)	6,724 (3,050)
Main Body Weight	lb (kg)	190 (86)	344 (156)	423 (192)	586 (266)	1,089 (494)	1,521 (690)	1,960 (889)	2,707 (1,228)	3,263 (1,480)
Tool	Weight	lb (kg)	44 (20)	55 (25)	90 (41)	194 (88)	265 (120)	357 (162)	470 (213)	514 (233)
(Moil Type)	Diameter	in (mm)	2.09 (53)	2.76 (70)	2.95 (75)	3.54 (90)	4.72 (120)	5.31 (135)	5.91 (150)	6.50 (165)
Operating Pressure	bar	90 ~ 120	95 ~ 130	100 ~ 140	130 ~ 160	150 ~ 170	160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 190
(Breaker)	psi	1,305 ~ 1,740	1,377 ~ 1,885	1,450 ~ 2,030	1,885 ~ 2,320	2,175 ~ 2,465	2,320 ~ 2,610	2,320 ~ 2,610	2,320 ~ 2,610	2,276 ~ 2,702
Setting Pressure	bar	150	170	180	190	200	210	220	220	240
(Machine)	psi	2,175	2,465	2,610	2,755	2,900	3,045	3,190	3,190	3,480
Impact Rate	bpm	600 ~ 1,100	450 ~ 1,000	475 ~ 950	480 ~ 850	400 ~ 750	350 ~ 700	300 ~ 650	260 ~ 450	300 ~ 500
Accumulator Pressure	N ₂ Gas	bar (psi)	n/a	n/a	n/a	60 (870)	60 (870)	60 (870)	60 (870)	60 (870)
Back Head Pressure	N ₂ Gas	bar (psi)	16 (232)	16 (232)	16 (232)	16 (232)	6 (87)	6 (87)	6 (87)	17 (246)
Required Oil Flow	liter/min	25 ~ 50	34 ~ 60	40 ~ 80	45 ~ 85	90 ~ 120	125 ~ 150	150 ~ 190	180 ~ 250	180 ~ 250
	gal/min	6.6 ~ 13.2	8.9 ~ 15.8	10.5 ~ 21.1	11.8 ~ 22.4	23.7 ~ 31.6	33.0 ~ 39.6	39.6 ~ 50.1	47.5 ~ 66.0	47.5 ~ 66.0
Suitable Excavator	Min.	metric ton	2.5	3.5	6	6	14	18	24	33
	Max.	metric ton	4.5	7	9	13	20	28	36	50
	Suitable	metric ton	3	6	7	10	17	20	30	40



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