

# Hydraulic Breaker

→ **BREAK ROCK AND CONCRETE QUICKLY, QUIETLY AND EFFICIENTLY WITH GREATER IMPACT FORCE.**



## ADVANTAGES

**Powerful:** The larger accumulator in the Silenced Breaker creates higher impact force while minimizing impact vibration. This in turn reduces damage and wear to both machine and breaker. The simplistic but effective design of AWB Breakers make them easier on both excavators and fuel consumption.

**Reliable:** Every component of the A-Ward Breaker range has been engineered to combine optimum alloy steel and heat treatment to create maximum durability and rigidity. A-Ward Breakers also incorporate easily replaceable wear items

for quicker maintenance. Every new breaker is tested in our factory to meet our strict quality standards.

**Reduced Noise:** The heavy duty solid box frame contains the hammer action noise better than before. Lower noise creates a safer and happier working environment.

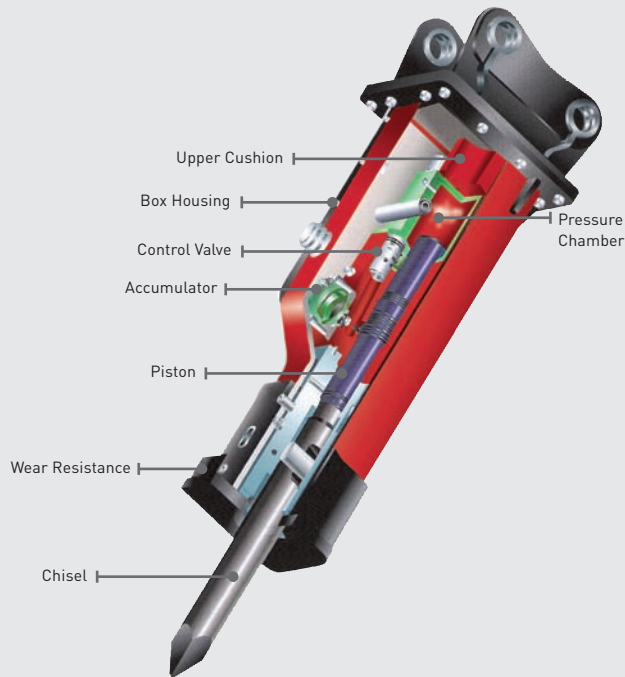
**Value and Speed:** The simplistic oil flow design enables the correct impact force to be synchronised with the speed of each blow and the particular application, improving efficiency and saving you time.

**Tough:** A-Ward Breaker chisels are now made from larger diameter sections to

reduce breakages. The lower section of the box housing is made from tough, abrasion resistant material for use in harsh environments.

**Service:** We have built our name on unsurpassed after-sales service, and will keep striving to make your priorities our main focus.

**IMAGES:** (A), (B) & (C) Hydraulic Breaker in action



## FEATURES

**Upper Cushion:** Reduces noise and vibration transfer from the breaker.

**Box Housing:** A strong and heavy design has been used to reduce the noise and aid in keeping a stable energy base.

**Pressure Chamber:** The special internal valve system operates the nitrogen at higher pressures giving greater impact force.

**Control Valve:** The clean new internal valve design gives smoother oil flow and consistent blow force.

**Accumulator:** Assist in producing a greater power stroke of the piston.

**Piston:** Longer heavier piston deliveries maximum impact force and minimizes recoil forces to the carrier.

**Wear Resistance:** The abrasion resistant plate is fitted for greater durability and longer breaker life.

**Chisel:** Larger diameters have been used to give better damage resistance.

## HYDRAULIC BREAKER SPECIFICATIONS



SECTION	UNITS	AWB200	AWB300	AWB400	AWB800	AWB1100	AWB1500	AWB2500	AWB3500	AWB4500	AWB5000
Box Type	[kg]	97	127	161	298	579	883	1,708	2,505	2,825	3,800
	[lb]	213	279	354	656	1,274	1,943	3,758	5,511	6,215	8,360
Operating Pressure	[kg/cm <sup>2</sup> ]	80-100	80-110	90-120	100-130	120-150	140-170	160-180	160-180	160-180	160-180
	[psi]	1,137-1,564	1,137-1,564	1,280-1,706	1,422-1,848	1,706-2,133	1,990-2,417	2,275-2,559	2,275-2,559	2,275-2,559	2,275-2,559
Oil Capacity	[l/min]	18-28	25-32	25-45	30-50	45-85	80-120	120-150	170-240	190-250	220-290
	[gpm]	5-8	6-9	7-12	8-13	11-22	21-31	32-39	45-63	50-66	60-69
Blows	[blow/min]	800-1230	620-1050	570-970	450-750	400-800	450-630	400-500	320-450	280-370	420
Chisel Diameter	[mm]	40	50	58	70	85	100	135	155	165	175
	[inch]	1.6	2	2.3	2.8	3.3	3.9	5.3	6.1	6.5	6.9
Hose Size	[mm]	9	9	13	13	19	19	25	32	32	38
	[inch]	PF3/8"	PF3/8"	PF1/2"	PF1/2"	PF3/4"	PF3/4"	PF1"	PF1 1/4"	PF1 1/4"	PF1 1/2"
Excavator Details	[ton]	0.7-1.3	1.2-2.2	2.1-4	4.8-8	8.0-12.5	12.0-15	20-26	26-35	30-42	43-50
	[,000 lb]	1.5-2.8	2.6-4.8	4.6-8.8	8.8-17.6	17-27	26-33	44-57	57-77	66-92	66-92
Impact Energy	[Ft. lb]	200	300	400	800	1,500	2,200	3,500	6,900	8,500	12,000
	[J]	272	408	545	1090	2,040	3,000	4,760	9,400	11,540	16,300