

Productivity and longevity

A breaker needs to be lubricated every 4 hours.

Arden Equipment’s breakers from AB0082 to AB1854 are equipped with a centralized greasing point as standard. They can be made self-contained with the optional greasing kit from the AB0854.

Models AB2054 to AB6054 are equipped with a self-contained lubrication kit as standard.

Choose your model according to the weight of the wearer.

● From 0.5 to 10 tons

			AB0082	AB0122	AB0202	AB0292	AB0402	AB0504
C O M P A C T	Carrier weight min-max	t	0,5 - 2	1 - 2,5	2 - 4	3 - 6	4 - 8	6 - 10
	Weight of the hammer with plate	kg	80	141	184	325	412	518
	Ø of the tip	mm	40	45	57	70	75	80
	Tool length with tip	mm	1076	1197	1400	1626	1699	1947
	Hydraulic flow at 0 Mpa min-max	l/min	15 - 21	12 - 25	13 - 30	29 - 60	34 - 68	38 - 85
	Working pressure	Mpa	175	175	175	175	175	175
	Strike frequency min-max	bpm	800 - 1200	550 - 1000	600 - 1500	380 - 1000	180 - 900	400 - 800
	Boosted striking frequency min-max	bpm	-	-	-	-	-	600 - 1100
	Noise level	dB(A)	114	110	110	117	116	118
	Centralized lubrication point		-	-	-	-	-	-
Autonomous lubrication		-	-	-	-	-	-	
Integrated pressure accumulator		-	-	-	yes	yes	yes	

● From 10 to 36 tons

			AB0854	AB1054	AB1354	AB1854	AB2054	AB2454
M E D I U M	Carrier weight min-max	t	10 - 14	12 - 18	16 - 24	22 - 26	24 - 30	25 - 36
	Weight of the hammer with plate	kg	875	1012	1448	1845	2021	2507
	Ø of the tip	mm	95	105	125	135	145	150
	Tool length with tip	mm	2203	2285	2606	2818	2954	3045
	Hydraulic flow at 0 Mpa min-max	l/min	63 - 102	68 - 119	85 - 131	119 - 161	127 - 178	153 - 204
	Working pressure	Mpa	21	21	21	21	21	21
	Strike frequency min-max	bpm	350 - 600	350 - 550	320 - 500	340 - 450	270 - 400	250 - 380
	Boosted striking frequency min-max	bpm	600 - 900	600 - 900	400 - 650	420 - 550	330 - 500	300 - 450
	Noise level	dB(A)	119	124	123	124	125	125
	Centralized lubrication point		standard	standard	standard	standard	-	-
Autonomous lubrication		optional	optional	optional	optional	standard	standard	
Integrated pressure accumulator		yes	yes	yes	yes	yes	yes	

● From 28 to 100 tons

			AB2854	AB3554	AB4054	AB5054	AB6054
L A R G E	Carrier weight min-max	t	28 - 42	35 - 50	40 - 60	45 - 80	60 - 100
	Weight of the hammer with plate	kg	2770	3487	4099	4486	5838
	Ø of the tip	mm	155	165	175	180	200
	Tool length with tip	mm	3168	3398	3611	3770	4018
	Hydraulic flow at 0 Mpa min-max	l/min	170 - 221	187 - 238	204 - 272	221 - 306	238 - 323
	Working pressure	Mpa	23	23	21	21	25
	Strike frequency min-max	bpm	230 - 400	230 - 345	230 - 330	270 - 380	220 - 300
	Boosted striking frequency min-max	bpm	270 - 470	270 - 410	270 - 500	380 - 530	290 - 400
	Noise level	dB(A)	126	126	126	126	127
	Centralized lubrication point		-	-	-	-	-
Autonomous lubrication		standard	standard	standard	standard	standard	
Integrated pressure accumulator		yes	yes	yes	yes	yes	

Technical data and visuals are non-contractual and subject to change without prior notice.



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HYDRAULIC
BREAKER

AB0082 - AB6054



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BRH-E

Arden Equipment's range of hammers is designed to meet all your needs, from small jobs to the largest construction sites.

They have been designed to withstand the rigours of the job.
They are a reference for many rental companies, demolition companies and diggers.



Lubrication

- Various lubrication systems available
- Manual lubrication system
- Automatic lubrication system

Advanced internal valve system

- Built in cylinder
- Energy efficiency
- Oil leakage free
- Thicker flesh cylinder block
- Least maintenance & repair requirement

Work mode selector

- Optimize power and speed upon application requirements
- Enable maximum productivity in all applications from light to severe duty material breaking
- Available for AB 504 & above

Easy start

- Fast response time to breaker activation signal
- Significantly increase productivity at light or interior demolition applications
- Available for AB 0202, 0292, 0402

Dust protector

- Prevent dust entering percussion chamber
- Prolong lubricant's stay between bushes & working tool
- Prevent contamination
- Secure service life of seal, bush, working tool, piston & cylinder in severe dusty applications
- Available for AB 0854 & above

Working tool

- Heat treatment of core as well as surface
- Optimum balance for longer wear life and crack prevention
- Variety of conventional and special tool types

Bushes

- Differentiated anti-wear raw material
- Higher core hardness
- Much longer wear life



Air supply channel

- Built in air supply channel
- Prepared for underwater, tunneling & severe dusty applications

External gas charging

- Gas charging from external housing
- No need of housing or lubrication device disassembly
- Least maintenance time
- Designed for maintenance at the job site

Floating power cell & bolt free enclosed housing

- Prevent carrier boom & arm fatigue failure
- No metal to metal contact
- Floating and fully enclosed power cell
- Extend breaker & carrier service life
- Low noise
- Suitable for all applications, particularly including trenching, quarry & mining



Large capacity gas chamber & optimum piston size

- Hybrid energy efficiency design
- Higher impact power delivery
- Least oil flow consumption
- Durable piston design - larger surface contacting working tool
- Dampening repercussion vibration force
- Preventing carrier structure fatigue failure

Large size tool pin

- Heavy duty oval shape dual pins
- Heat-treated, enlarged size
- Longer wear life
- Maintenance friendly design
- Bolt free, rubber plugged holes
- Available for AB0504 & above

Tool pin hole protector

- Minimize direct contact between holes and material to break
- Protect tool pin hole damage from debris
- Prevent hole cover missing and debris/dust entering
- Extend tool pin and working tool wear life

Bottom plate

- Anti-abrasive high tensile raw material
- Fully enclosed lower bush & front head block
- Minimize debris & dust entering percussion chamber
- Increase service life of housing, tool, lower bush & front head

Option

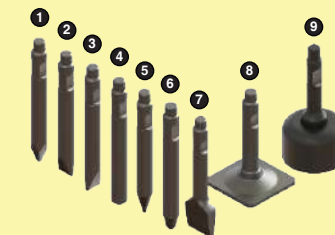
ARDENJET

The Arden Jet is factory-installed and reduces dust emissions. It ensures the comfort and safety of personnel and the environment. It works on excavators equipped with a water pump (hydraulic high pressure, thermal or electric).

The widest choice of tips

● IN STOCK ● ON REQUEST

Hydraulic breakers are supplied as standard with a tip perfectly adapted to your use.



- | | | | |
|---|--------------------|---|---|
| 1 | Pyramid point | ⊗ | ● |
| 2 | Cross chisel | ⊖ | ● |
| 3 | Vertical chisel | ⊕ | ● |
| 4 | Pestle | ○ | ● |
| | (AB2454 to AB4054) | | |
| 5 | Conical point | ⊙ | ● |
| 6 | Heavy duty point | ⦿ | ● |
| | (> AB0122) | | |
| 7 | Asphalt cutter | ⌢ | ● |
| | (AB0082 to AB0504) | | |
| 8 | Compacting | □ | ● |
| | (AB0082 to AB0504) | | |
| 9 | Pile driver bell | ⊖ | ● |
| | (AB0082 to AB0504) | | |