



# Doosan Hydraulic Breaker



Doosan worldwide factories

- Heavy Equipment Factory
- Compact Equipment Factory
- Attachment Factory



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- ✓ **QUALITY**
- ✓ **PERFORMANCE**
- ✓ **BEST FIT**
- ✓ **SERVICE**



## QUALITY

Doosan is committed to offering quality products to guarantee customer satisfaction and performing tools to get the job done. Doosan engineers perform a multitude of tests in their laboratories to ensure vital components resist even the toughest conditions.



## BEST FIT

Match the right tool on the right machine for the right job! Doosan ensures we offer optimized combinations! All our attachments are specially designed for Doosan equipment and approved by compatibility tests.



## GENUINE PARTS

Easy maintenance, less downtime! Minimizing downtime gives you the edge when it comes to productivity.



## PERFORMANCE

Doosan attachments are built to perform! Doosan hydraulic breakers offer powerful performance and top notch productivity. Whether you are demolishing concrete, cutting asphalt or breaking rocks, they are designed to give you top productivity to make each blow count.



## SERVICE

Genuine parts will guarantee your equipments longevity and reliability. We want to offer you a “peace of mind”! It is our strong belief and duty to assist you with all your inquiries. We offer you Doosan “One-Stop” service together with Doosan Machine!





## DOOSAN Delivers

- ✓ Quality
- ✓ Performance
- ✓ Best Fit
- ✓ Service



### Features and Benefits

#### Concrete proven working Principle (Oil and gas assist)

- Pressurized Nitrogen gas is the main power source, to operate with less demand on the carrier's hydraulic system.

#### Anti-blank blow system

- Significantly reduces blank blow induced failures.

#### Dual Speed Control

- Adjust blow frequency according to rock hardness.

#### Competitive component counts

- One-third the component counts of competitors.
- Easy installation and maintenance.
- Help inventory management.

#### Jigsaw shaped main bracket design

- Bear external force with better resilience.
- Long lasting body structure reduced sound.

#### Maximized life time of dampers and wear plates

- Use new type of composite 2 layered damper and wear plate.

#### Centralized Lubricating System (option)

- Enable to utilize centralized auto grease system.

### DXB Performance

(for illustration purposes only)

#### Delivers Reinforced dampeners

- Vibration dampening prevents carrier damage and improves operator comfort
- Minimizing recoil shock induced by impact
- Low noise for city construction

#### Stronger through bolt

- Further improved tensile strength by innovative shape and machining process

#### Completed box enclosure

- No rigid side bolts
- Minimized maintenance cost
- Extremely durable welded structure
- Completely protected Hammer and Less noise
- Wear and dust protection

#### Unique valve design

- Low pressure fluctuation
- Special design protecting carrier's pump

#### Long piston : optimal energy transmission

- transmission
- Maximized productivity
- Minimized recoil
- Eliminates mechanical springs
- Special heat-treated and hardened piston

#### Hardened rock dragger

- Resisting wear and abrasion



### Use the Right Tool for the Right Job

The tool of a breaker is a wear part and tool consumption is the main causative for wear part costs. It's important to select an appropriate tool according to the nature of work and the characteristics of the object to break. Genuine Doosan tools are special designed to best fits the Doosan breakers.



#### MOIL POINT

Demolition  
Hard Ground  
Hard Ground with Failures  
Concrete



#### CHISEL

Trenching  
General Excavation  
Mass Excavation in Quarry  
Soft Ground with Faults  
Concrete  
Reinforced Concrete



#### BLUNT TOOL

Block Splitting  
Compact Abrasive  
Difficult to Position  
Concrete Slab on Demolition



#### PYRAMIDAL

Trenching  
General Excavation  
Asphalt  
Mass Excavation in Quarry  
Soft Ground with Faults  
Concrete  
Reinforced Concrete







Specifications

Model			DXB35	DXB45	DXB90	DXB160	DXB170	DXB190	DXB230	DXB260	DXB420	DXB500	DXB700
Carrier weight		t	4~6	6~8	12~16	18~26	18~28	26~32	28~35	30~38	32~45	40~70	60~110
Operating weight	T	kg	330	500	940	1652	1680	1850	2275	-	-	-	-
	H	kg	340	490	1000	1742	1620	1750	2529	2550	3551	4170	6693
	BH	kg	290	430	-	-	-	-	-	-	-	-	-
	SL	kg	400	-	-	-	-	-	-	-	-	-	-
Tool diameter		mm	70	77	107	135	137	142	150	156	165	175	200
Operating pressure		bar	170	170	180	160~180	180	180	165~185	180	165~185	165~185	165~185
Flow	Min.	ℓ/min	35	45	80	100	100	120	170	150	200	230	320
	Max.	ℓ/min	65	90	140	150	150	180	240	240	280	330	420
Frequency	High BPM	blows/min	1000	1000	820	330~500	600	540	430~620	520	420~600	350~500	370~480
	Low BPM	blows/min				220~360		360	320~470	330	330~450	250~370	280~370
Energy/blow	High BPM	J				2200		3000	3400	4500	6000	7900	10000
	Low BPM	J	660	1000	2100	3100	3400	4000	4500	6000	7600	10400	13000
Automatic grease option			-	-	-	●	●	●	●	●	●	●	●
Two-speed control			-	-	-	●	-	●	●	●	●	●	●

Carrier Compatibility

DXB35	DXB45	DXB90	DXB160	DXB170	DXB190	DXB230	DXB260	DXB420	DXB500	DXB700
DX53W	DX80R	DX140LC / W	DX180LC	DX180LC	DX300LCA	DX300LCA	DX340LCA	DX420LCA	DX480LCA	DX700LC
DX55/W	S75-V	DX160W	DX190W	DX190W	S300LC-V	DX340LCA	S340LC-V	S420LC-V	DX500LCA	
DX60R		S140LC/W-V	DX210W	DX210W		S300LC-V			DX520LC	
S55/W-V		S160W-V	DX220A	DX220A		S340LC-V			S470LC-V	
			DX225LCA	DX225LCA					S500LC-V	
			DX255LC	DX255LC						
			S180W-V	S180W-V						
			S210W-V	S210W-V						
			S225LC-V	S225LC-V						
			S225NLC-V	S225NLC-V						
			S255LC-V	S255LC-V						