



# —BREAKER SERIES PRODUCT



**PT ARROWSMITH JAYA KONSTRUKSI**

**MACHINERY AND CONSTRUCTION**

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## DYB Top Type Hydraulic Breakers



### Production Introduction:

Installing in the excavating machine, loading machine, Top type hydraulic breaker is a crushing equipment turning hydraulic energy to mechanical energy. It is widely used in mining, metallurgical engineering, railway, highway repair, cement pavement breaking, digging. It can efficiently crush the rock and stone, highly improved the efficiency.

### Product Features:

DYB hydraulic breaker with complete specification, advanced design, high performance, strong power, durable wearing parts and low failure rate, has enjoy high reputation and become the preferred product of our customers.

### Technique parameters:

DESCRIPTION	UNIT	DYB-300	DYB-600	DYB-750	DYB-800	DYB-1300	DYB-1500
Weight	kg	272	872	1600	1871	2620	3920
Length	mm	1580	2290	2327	2790	3280	3330
Drive oil pressure	psi	2031~2321	2176~2466	2229~2600	2321~2611	2321~2611	2321~2611
Drive oil flow	L/min	30~45	80~120	130~150	130~170	170~220	200~300
Impact frequency	bpm	500~800	400~700	400~800	400~600	250~400	250~350
Hose diameter	inch	1/2	3/4	1	1	1 1/4	1 1/4
Chisel diameter	mm	68	100	135	140	155	175
Suitable excavator weight	ton	4.0~7.0	11~16	18~26	19~26	28~35	30~45



## DYB Side Type Hydraulic Breakers



### Production Introduction:

Installing in the excavating machine, loading machine, Side type hydraulic breaker is a crushing equipment turning hydraulic energy to mechanical energy. It is widely used in mining, metallurgical engineering, railway, highway repair, cement pavement breaking, digging. It can efficiently crush the rock and stone, highly improved the efficiency.

### Product Features:

DYB hydraulic breaker with complete specification, advanced design, high performance, strong power, durable wearing parts and low failure rate, has enjoy high reputation and become the preferred product of our customers.

### Technique parameters:

DESCRIPTION	UNIT	DYB-300	DYB-600	DYB-750	DYB-800	DYB-1300	DYB-1500
Weight	kg	264	853	1600	1898	2650	3753
Length	mm	1580	2260	2327	2810	3310	3152
Drive oil pressure	psi	2031~2321	2176~2466	2229~2600	2321~2611	2321~2611	2321~2611
Drive oil flow	L/min	30~45	80~120	120~160	130~170	170~220	200~300
Impact frequency	bpm	500~800	400~700	400~800	400~600	250~400	250~350
Hose diameter	inch	1/2	3/4	1	1	1 1/4	1 1/4
Chisel diameter	mm	68	100	135	140	155	175
Suitable excavator weight	ton	4.0~7.0	11~16	18~26	19~26	28~35	30~45



# Hydraulic Breaker Chisels



## Production Introduction:

Our Hydraulic breaker chisels have stable quality, excellent performance, and long durability. Our chisels are acceptable for hydraulic from Soosan, GB, Montabert, Furukawa and Atlas etc.

## Product Features:

Our chisels use superior alloy steel and adopt the advanced heat treatment process to get the best obdurability and good wear resistance.

## Technique parameters:

Size	Qualification (mm)	Weight (kg)	Acceptable Excavator (ton)	Acceptable breaker
DYB-68	Φ 68x700	16	4-7	SB40
DYB-75	Φ 75x710	21	6-9	SB43
DYB-85	Φ 85x960	29	7-14	SB45
DYB-100	Φ 100x1000	55	10-15	SB50
DYB-135	Φ 135x1300	127	18-26	GB8AT/20G/SB81N
DYB-140	Φ 140x1300	134	18-26	SB81/GB8T/FX140
DYB-150	Φ 150x1400	155	27-35	SB100/30G/RHB330
DYB-155	Φ 155x1500	183	28-35	SB121/F37
DYB-165	Φ 165x1600	220	30-45	SB131
DYB-175	Φ 175x1600	260	40-55	SB151
DYB-185	Φ 185x1700	308	45-80	SB161

# Breaker Structure

## Nitrogen Gas Room

The better structure. Reduce the volume of the nitrogen gas room while keeping pressure of Nitrogen gas.

## Valve

Easy access for repairing. Prevent the shape of cylinder changing.

## Accumulator

Efficiency shock absorption system for durability equipment

## Cylinder

Replaceable cylinder bushing, economical rebuild

## Piston

Qualified material, anti-wear, heat resistance, endurance anti-impact, internal pressure and more durable.

## Cover

Durable soldering structure, better protection for chisel. Better seal, durability with effective dust proof. Deck is wide and light, structure simplified.

## Chisel

High quality alloy steel  
Advanced heat treatment process.

