



UNBEATABLE TOUGHNESS

LEADING MANUFACTURER OF ROCK BREAKER



ROBUR HIRE ATTACHMENT HIRE & SALES

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BPM Adjuster:
Controls Speed & Power


**Enhanced
Durability**


**Easy
Maintenance**


**Optimum
Productivity**

Huge range. Available nationwide.

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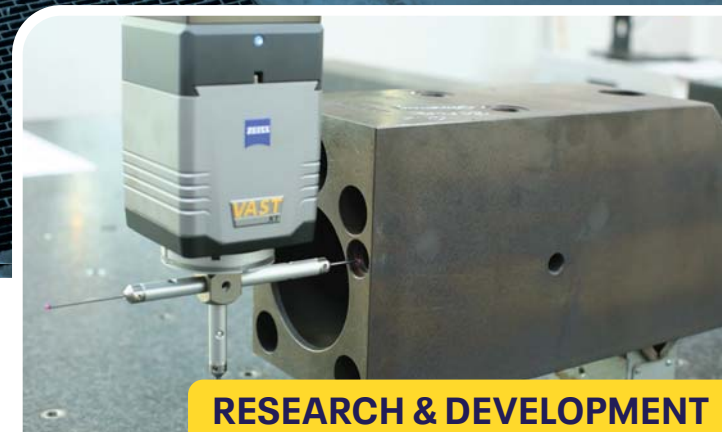
BREAKING GROUNDS BUILDING TRUST

MANUFACTURING EXCELLENCE SUSTAINED

DOZCO is a Manufacturing & Trading company operating in Construction, Engineering & Mining domains for the past 40 years. After Sales Service is our differentiator !!

DOZCO has set up a 39,000 Sq. Mtr. plant with best in class practices, fitted with the finest global brands of machines, heat treatment & paint shop. Multistage testing ensures quality. A standard testing procedure ensures a zero-defect product. The in-house R&D centre works in tandem to improve the product as a continuous ongoing process.

Products Manufactured: Rock Breakers, Tools & Quick couplers.



RESEARCH & DEVELOPMENT



CUTTING



MACHINING

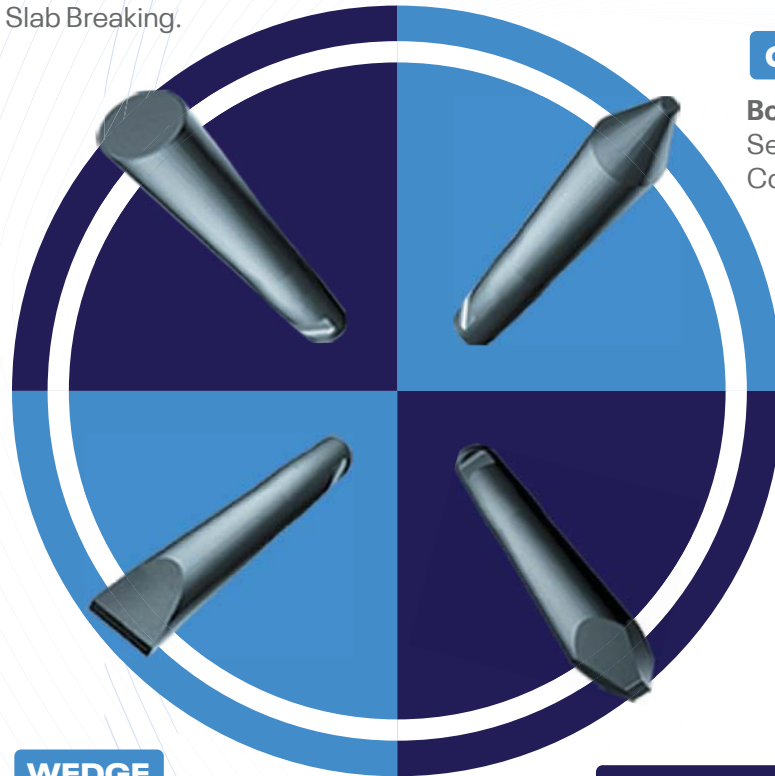


WELDING

BREAKER TOOLS

BLUNT

Secondary Breaking in Quarries, Boulder Breaking, Concrete Breaking & Slab Breaking.



CONICAL

Both Primary as well as Secondary Breaking in Quarry, Concrete & tough rock.

WEDGE

Concrete Breaking, excavation of bedrock, operations on the face of slope, excavation of ditches, etc.

MOIL POINT

Multipurpose Applications including breaking of extra hard rock & stone and reinforced Concrete as well as excavation of bedrock.

DESIGN & FEATURES

Back Head Supporter

Supports the power cell from vibration.

External Control Valve

Regulates smooth oil passage for efficient performance.

Air Check Valve

Minimizing of dust entry and expelling contaminated grease.
*Not shown in illustration.

Accumulator

Boosts power and protects carrier hydraulic system from pressure fluctuations.

Wide Damping System

Introduced wide dampers which minimizes the recoil shock and increases product durability.

Wear Plate

High wear resistant plate to protect the breaker from tougher applications.

Top Damper

Absorbs vibration and minimizes recoil shock to the carrier.

Inspection Windows

Easy access for inspection of through bolts.

ABF

Prevents idle blows and increases the lifespan of breaker and parts.

Piston

Large piston designed for highest impact power and efficiency.

Ring Bush

Combined bush for less maintenance cost and more durable.

Rod Pin

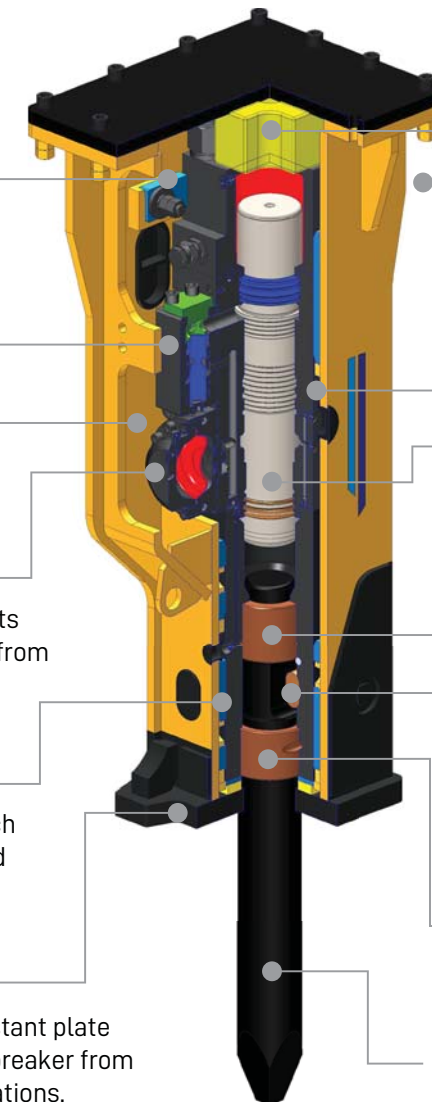
Larger rod pins - Reduces abnormal and excessive wear.

Front Cover

Superior quality wear resistant steel for longer life.

Tool

Specially Hardened Alloy increase durability to deliver full blow energy.



COMPACT RANGE										
Applications			Demolition, Agriculture, Trenching, Breaking Asphalt and Concrete etc.							
Applicable Machines			Mini-Excavators, Backhoes, Skid Steer Loaders							
Model		Unit	DOZCO 100A	DOZCO 200A	DOZCO 300A	DOZCO 307A	DOZCO D75	DOZCO 430A	DOZCO 440A	DOZCO 450A
Operating Weight	Box	Kg	138	176	215	359	424	434	630	632
	Side		103	139	166	292	400	386	-	-
	Top Split		-	-	-	-	420	-	-	-
Height (Inc. Tool)	Box	mm	1158	1288	1424	1656	1928	1928	1985	2053
	Side		995	1098	1180	1413	1575	1620	-	-
	Top Split		-	-	-	-	1883	-	-	-
Tool Diameter		mm	40	45	53	68	75	75	80	85
Tool Length		mm	450	500	550	700	700	700	800	800
Optimal Oil Flow		lpm	15 - 30	20 - 40	25 - 50	40 - 70	50 - 90	50 - 90	50 - 90	60 - 100
Setting Pressure		bar	150	150	150	170	180	180	180	160 - 180
Operating Pressure		bar	90 - 120	90 - 120	90 - 120	110 - 140	120 - 150	120 - 150	120 - 150	130 - 160
Return Line Pressure		bar	10	10	10	10	10	10	10	10
Impact Rate		BPM	800 - 1400	700 - 1200	600 - 1100	500 - 900	400 - 800	400 - 800	400 - 800	400 - 800
Bottom Plate Thickness (HB)		mm	20	20	20	25	30	30	30	30
Hose	In & Out	inch	-	-	-	-	1/2	-	-	-
Control Valve Type			Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal
Applicable Carrier			ton	0.5 - 1.5	1 - 2.5	2.0 - 4.0	3.0 - 8.0	4.0 - 8.0	5.0 - 8.0	6.0 - 9.0
2 Stroke Control			-	No	No	No	No	No	No	No
Accumulator			-	No	No	No	No	No	No	No
Auto Greasing			-	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Anti Blank Firing (ABF)			-	No	No	No	No	No	No	No



MEDIUM RANGE										
Applications			Primary / Secondary Breaking, Tunneling Job, Reinforced Concrete Breaking etc.							
Applicable Machines			Medium Range Excavators : 10 - 26 Tons Class							
Model		Unit	DOZCO 800A	DOZCO 1000A	DOZCO D135	DOZCO 2000A	DOZCO 2200A			
Operating Weight	Box	Kg	989	1025	1725	1724	1950			
	Side		899	-	1651	1651	-			
	Top Split		977	1007	1690	1749	-			
Height (Inc. Tool)	Box	mm	2396	2338	2666	2666	2831			
	Side		2050	-	2368	2368	-			
	Top Split		2342	2342	2714	2680	-			
Tool Diameter		mm	100	110	135	135	140			
Tool Length		mm	1000	1000	1200	1200	1250			
Optimal Oil Flow		lpm	80 - 110	90 - 120	120 - 180	120 - 180	120 - 180			
Setting Pressure		bar	200	200	220	220	220			
Operating Pressure		bar	140 - 170	150 - 180	160 - 190	160 - 190	160 - 190			
Return Line Pressure		bar	10	10	10	10	10			
Impact Rate		BPM	350 - 700	350 - 650	300 - 550	350 - 600	350 - 500			
Bottom Plate Thickness (HB)		mm	40	40	50	40	50			
Hose	In & Out	inch	3/4	3/4	1	-	1			
Control Valve Type			Internal	Internal	External	External	Internal			
Applicable Carrier			ton	10.0 - 14.0	12.0 - 16.0	18.0 - 26.0	18.0 - 26.0			
2 Stroke Control			-	No	No	Yes	Yes			
Accumulator			-	No	No	Yes	Yes			
Auto Greasing			-	Optional	Optional	Optional	Optional			
Anti Blank Firing (ABF)			-	No	No	Yes	-			



HEAVY RANGE										
Applications			Primary / Secondary Breaking, Tunneling Job, Reinforced Concrete Breaking etc.							
Applicable Machines			Heavy Range Excavators : 30 - 100 Tons Class							
Model		Unit	DOZCO 3000A	DOZCO 3200A	DOZCO 3500A	DOZCO 4000A	DOZCO 5000A	DOZCO 7000		
Operating Weight	Box	Kg	2266	2550	2892	3539	4269	6688		
	Side		-	-	-	-	-	-		
	Top Split		-	2473	-	-	-	6532		
Height (Inc. Tool)	Box	mm	3009	3114	3236	3554	3703	4088		
	Side		-	-	-	-	-	-		
	Top Split		-	2770	-	-	-	4104		
Tool Diameter		mm	150	155	160	165	175	200		
Tool Length		mm	1400	1350	1400	1500	1500	1600		
Optimal Oil Flow		lpm	180 - 240	180 - 240	190 - 260	200 - 280	240 - 320	320 - 450		
Setting Pressure		bar	220	220	220	220	220	220		
Operating Pressure		bar	160 - 190	160 - 190	160 - 190	160 - 190	150 - 190	150 - 190		
Return Line Pressure		bar	10	10	10	10	10	10		
Impact Rate		BPM	300 - 480	300 - 450	250 - 400	250 - 300	250 - 350	200 - 300		
Bottom Plate Thickness (HB)		mm	60	60	60	60	60	60		
Hose	In & Out	inch	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4		
Control Valve Type			External	Internal	External	External	External	External		
Applicable Carrier			ton	26.0 - 32.0	28.0 - 36.0	35.0 - 40.0	40.0 - 50.0	45.0 - 60.0	60.0 - 100.0	
2 Stroke Control			-	Yes	No	Yes	Yes	Yes	Yes	
Accumulator			-	Yes	Yes	Yes	Yes	Yes	Yes	
Auto Greasing			-	Optional	Optional	Optional	Optional	Optional	Optional	
Anti Blank Firing (ABF)			-	No	No	No	No	No	No	

