



UNBEATABLE TOUGHNESS

LEADING MANUFACTURER OF ROCK BREAKER

- BPM Adjuster:**
Controls Speed & Power
- Enhanced Durability**
- Easy Maintenance**
- Optimum Productivity**



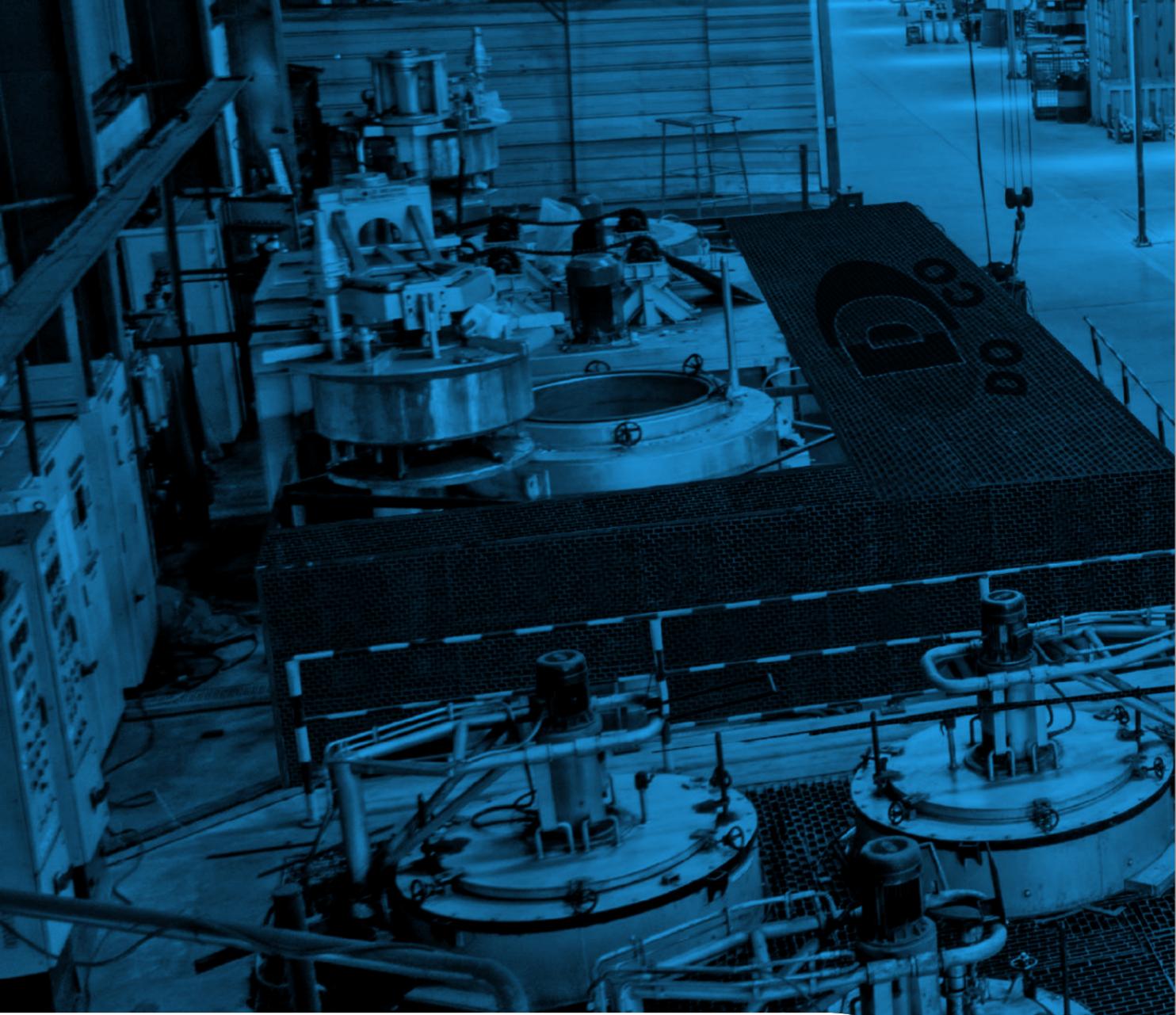
DOZCO (INDIA) PVT. LTD.
CONSTRUCTION & MINING - EQUIPMENT & PARTS

CORPORATE OFFICE:
No. 243, D - Block, IDA, Auto Nagar,
Vishakapatnam- 530 012, India.
Tel: +91 891 276 9681 | Email: info@dozco.com

REGISTERED OFFICE:
No. 6, Waterloo Street, 3rd Floor,
Kolkata- 700 069, West Bengal, India.

MANUFACTURING PLANT:
Plot No. 90 & 91, G-Block, Auto Nagar,
Visakhapatnam- 530 012, India.





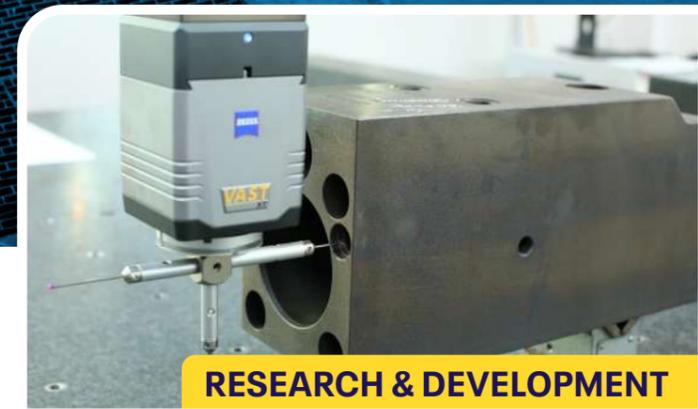
BREAKING GROUNDS BUILDING TRUST

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.

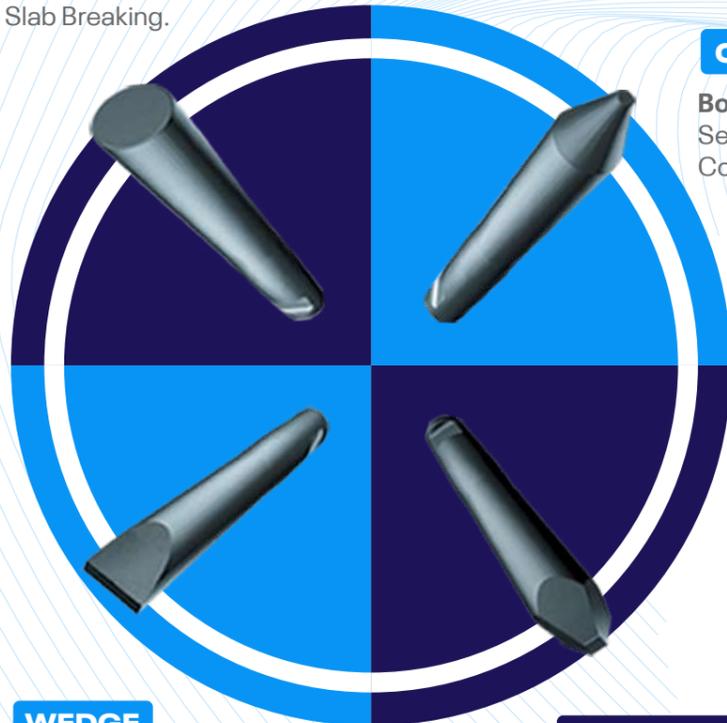
Products Manufactured: Rock Breakers, Tools & Quick couplers.



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

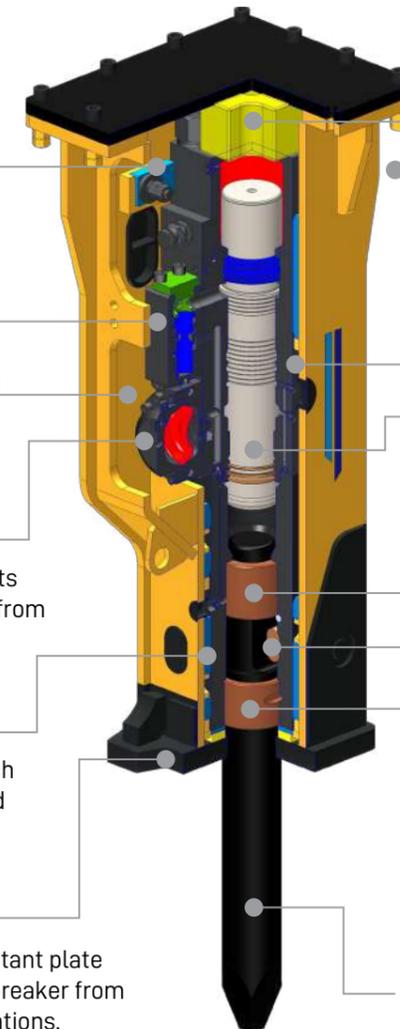
Larger rod pins - Reduces abnormal and excessive wear.

Front Cover

Superior quality wear resistant steel for longer life.

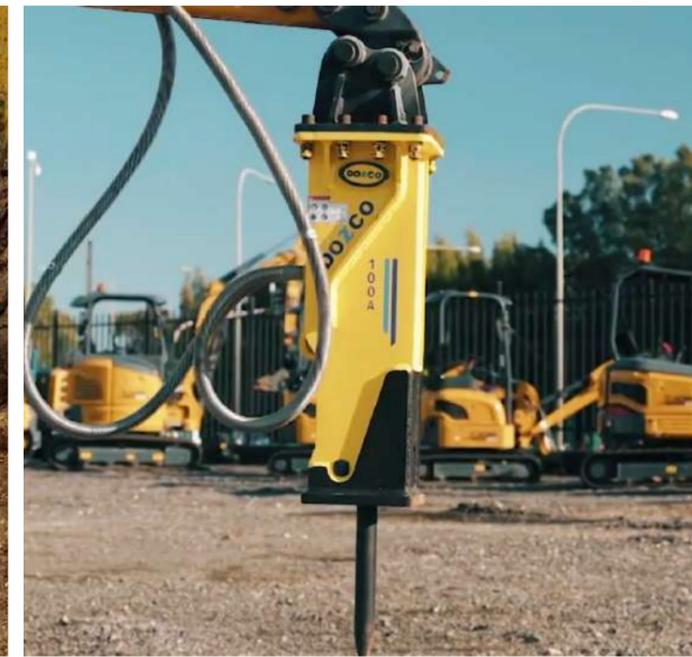
Tool

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 330A	DOZCO 370A	DOZCO 430A	DOZCO D75	DOZCO 440A	DOZCO 450A	
Operating Weight	Box	138	176	215	340	359	434	424	630	632	
	Side	103	139	166	-	292	386	400	-	-	
	Top Split	-	-	-	-	-	-	420	-	-	
Height (Inc. Tool)	Box	1158	1288	1424	1524	1656	1928	1928	1985	2053	
	Side	995	1098	1180	-	1413	1620	1575	-	-	
	Top Split	-	-	-	-	-	-	1883	-	-	
Tool Diameter	mm	40	45	53	60	68	75	75	80	85	
Tool Length	mm	450	500	550	600	700	700	700	800	800	
Optimal Oil Flow	lpm	15 - 30	20 - 40	25 - 50	50 - 80	40 - 70	50 - 90	50 - 90	50 - 90	60 - 100	
Setting Pressure	bar	150	150	150	160	170	180	180	180	160 - 180	
Operating Pressure	bar	90 - 120	90 - 120	90 - 120	110 - 130	110 - 140	120 - 150	120 - 150	120 - 150	130 - 160	
Return Line Pressure	bar	10	10	10	10	10	10	10	10	10	
Impact Rate	BPM	800 - 1400	700 - 1200	600 - 1100	600 - 1000	500 - 900	400 - 800	400 - 800	400 - 800	400 - 800	
Bottom Plate Thickness (HB)	mm	20	20	20	25	25	30	30	30	30	
Hose	In & Out	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	
Control Valve Type		Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	Internal	
Applicable Carrier	ton	0.5 - 1.5	1 - 2.5	2.0 - 4.0	3.0 - 3.5	3.0 - 7.0	4.0 - 8.0	4.0 - 8.0	5.0 - 8.0	6.0 - 9.0	
2 Stroke Control	-	No	No	No	No	No	No	No	No	No	
Accumulator	-	No	No	No	No	No	No	No	No	No	
Auto Greasing	-	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
Anti Blank Firing (ABF)	-	No	No	No	No	No	No	Optional	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 2000A	DOZCO D135	DOZCO 2200A
Operating Weight	Box	989	1025	1724	1725	1952
	Side	899	-	1651	1651	-
	Top Split	977	1007	1749	1690	-
Height (Inc. Tool)	Box	2396	2338	2666	2666	2831
	Side	2050	-	2368	2368	-
	Top Split	2342	2342	2680	2714	-
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	350 - 600	300 - 550	350 - 500
Bottom Plate Thickness (HB)	mm	40	40	50	50	50
Hose	In & Out	3/4	3/4	1	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	18.0 - 26.0
2 Stroke Control	-	No	No	Yes	Yes	No
Accumulator	-	No	No	Yes	Yes	Yes
Auto Greasing	-	Optional	Optional	Optional	Optional	Optional
Anti Blank Firing (ABF)	-	No	No	-	Yes	No



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	2266	2550	2892	3539	4269	6688
	Side	-	-	-	-	-	-
	Top Split	-	2473	-	-	-	6532
Height (Inc. Tool)	Box	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 - 350	200 - 350	200 - 300
Bottom Plate Thickness (HB)	mm	60	60	60	60	60	60
Hose	In & Out	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

