

## Quality Assurance System

Let's experience DAEMO ENGINEERING's cutting-edge technology



# DAEMO

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# Hydraulic Breaker EUREKA

New paradigm of Hydraulic Breaker Design  
**EUREKA!**

**Innovative Solid Body Design(No Through Bolts)**  
Ideal structure for efficient demolition

**Maximum Energy Recovery**  
Fully enhanced breaking power

**Better Structure with Less Parts**  
Reduced failure rates and maintenance cost

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# New Values for Hydraulic Breaker

# EUREKA!

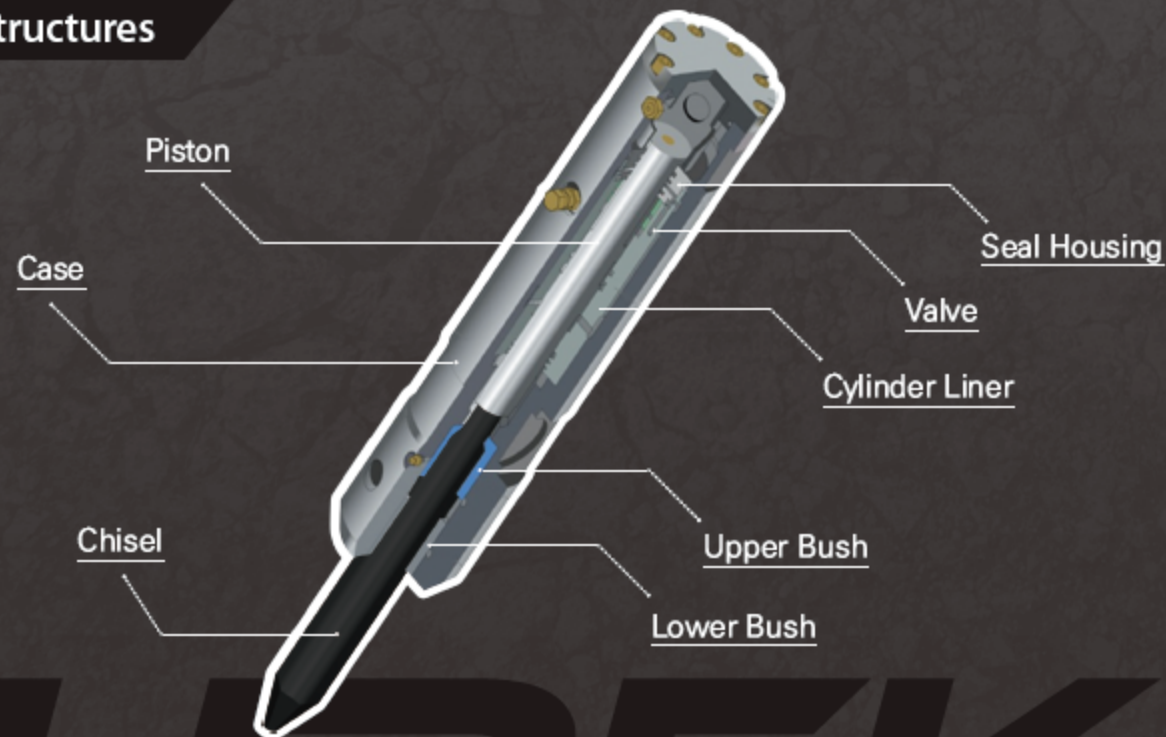
## Main Features & Benefits

- N1 Solid Body Design** : Through Bolts and other minor common parts have been removed to render higher durability and maximize impact power
- N2 Cylinder Liner** : "Multi-Directional Oil Passages" have been applied to provide longer piston lifespan
- N3 Replaceable parts** : easy to replace, easier to keep it running
- N4 High performance guaranteed** : Each and every product has fully passed maximum load tests
- N5 All parts manufactured and assembled in Korea** : integration of the most advanced technologies of DAEMO



[ Before shipment, 100% Test validation assured ]

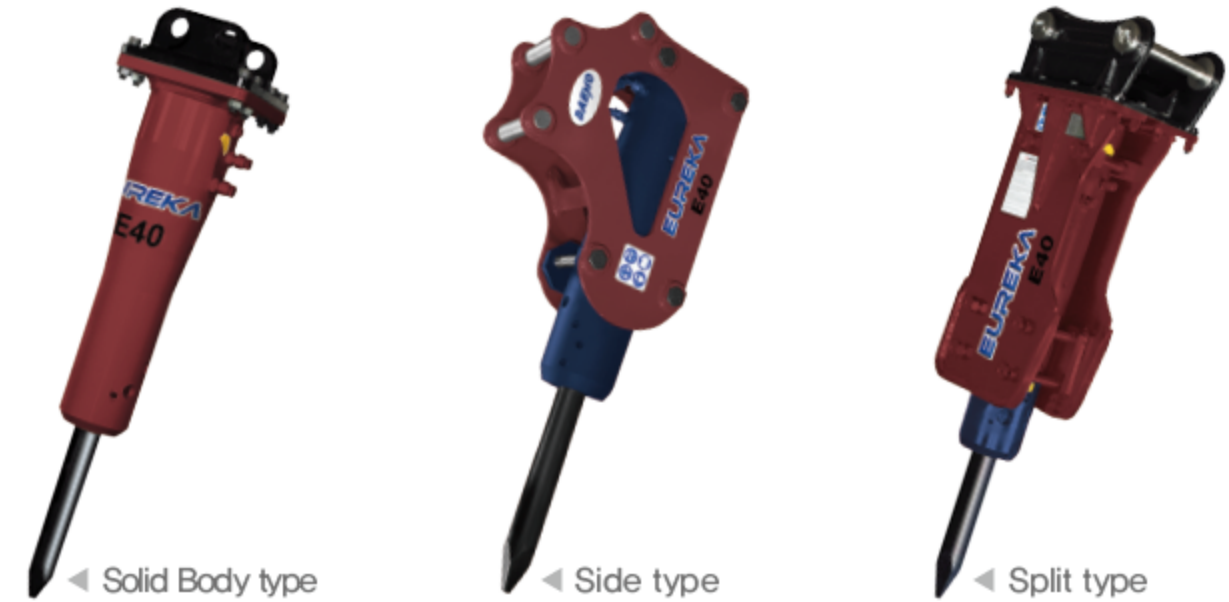
## Main Structures



DAEMO ENGINEERING CO., LTD.

Hydraulic Breaker  
**EUREKA**

## EUREKA Bracket type



\*Compatible with all types of brackets(Box type, Skid loader, etc.)

## EUREKA breaker specification

Description		Unit	Model								
			E10	E20	E30	E40	E50		E70	E90	
							3PIN	2PIN			
Solid Body Type	Operating Weight	Body Weight	kg	59	77	118	152	207		267	411
		Overall Weight	kg	89	116	161	212	316		369	646
	Overall Length	mm	925	1006	1056	1172	1276		1499	1696	
Side Type	Operating Weight	Body Weight	kg	48	61	88	100	151		190	280
		Overall Weight	kg	63	85	116	145	245		277	500
	Overall Length	mm	927	1005	1057	1176	1280		1504	1827	
Split Type	Operating Weight	Body Weight	kg	48	61	88	100	151		190	280
		Overall Weight	kg	78	100	131	160	260		292	515
	Overall Length	mm	927	1005	1057	1176	1280		1504	1827	
Required Oil Flow			l/min	15-30	20-40	25-50	30-60	40-70		50-90	60-100
				gal/min	4-8	5.3-10.6	6.6-13.2	7.9-16	10.6-18.5		13.2-23.8
Required Oil Pressure			kg/cm <sup>2</sup>	90-120			100-130	110-140		120-150	130-160
				psi	1280-1707			1422-1849	1565-1991		1707-2134
Impact Rate			BPM	800-1400	700-1200	600-1100	500-1000	500-900		400-800	400-800
Chisel Diameter			mm	40	45	53	60	68		75	85
				in	1.6	1.8	2.1	2.4	2.7		3
Hose Diameter			in	0.5	0.5	0.5	0.5	0.5		0.5	0.75
Suitable Excavator			ton	0.8-2.5	1.2-3	2.5-4.5	3-5.5	3-5.5	4-7	6-9	7-14
				m <sup>3</sup>	0.07	0.03-0.1	0.06-0.2	0.1-0.25	0.15-0.3		0.2-0.35

\*The Specifications above are subject to change without prior notice for quality improvement.