

HYDRAULIC BREAKER SB E SERIES

SOOSAN
HEAVY INDUSTRIES

**Superb performance,
High impact power
and Durability**



✓ Hybrid percussion mechanism ✓ Service friendly design and less maintenance costs

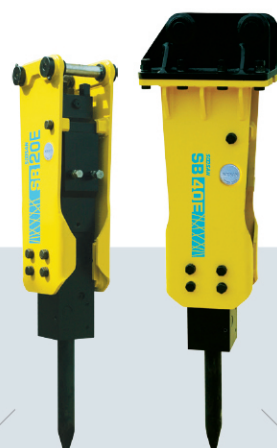
✓ KEY BENEFITS

- High power to weight
- Patented built-in control valve system
- Superior hydraulic and gas-assisted hybrid percussion design
- Simple structure - only two moving parts and minimal components
- Cost effective and easy maintenance
- Robust frame structure endures under any tough working site



HYDRAULIC BREAKER SB E SERIES

Direct-mounted



Cap-mounted

TR-F



Side type



For BHL



Specification

Description	Frame type	UNIT	SB20II E	SB30II E	SB35II E	SB40II E	SB43II E	SB45 E	SB50 E	SB60 E	SB70 E	SB81 E
Applicable carrier		ton	1.2 ~ 3.0	2.5 ~ 4.5	3.0 ~ 5.5	4.0 ~ 7.0	6 ~ 9	7 ~ 14	11 ~ 16	15 ~ 18	16 ~ 21	18 ~ 26
Operating weight	Direct mounted	kg	100	120	189	234	375	496	743	n/a	n/a	n/a
	Cap mounted	kg	110	135	204	292	370	580	839	n/a	n/a	n/a
	TR-F	kg	n/a	n/a	n/a	n/a	n/a	n/a	973	1,330	1,544	1,830
	Side type	kg	90	120	180	250	380	510	765	1,255	1,462	1,740
	For BHL	kg	n/a	n/a	n/a	237	345	467	n/a	n/a	n/a	n/a
Required oil flow		ℓ /min	20 ~ 40	25 ~ 50	30 ~ 60	40 ~ 70	50 ~ 90	60 ~ 100	80 ~ 110	90 ~ 120	100 ~ 150	120 ~ 180
Operating pressure		kg/cm ²	90 ~ 120	90 ~ 120	100 ~ 130	110 ~ 140	120 ~ 150	130 ~ 160	150 ~ 170	150 ~ 170	160 ~ 180	160 ~ 180
		psi	1,280 ~ 1,707	1,280 ~ 1,707	1,422 ~ 1,849	1,565 ~ 1,991	1,707 ~ 2,134	1,849 ~ 2,276	2,134 ~ 2,418	2,134 ~ 2,418	2,276 ~ 2,560	2,276 ~ 2,560
Impact rate		BPM	700 ~ 1,200	600 ~ 1,100	500 ~ 1,000	500 ~ 900	400 ~ 800	400 ~ 800	350 ~ 700	350 ~ 650	350 ~ 600	350 ~ 500
Rod diameter		mm	45	53	60	68	75	85	100	125	135	140

SOOSAN Global Network



Head office / Hwaseong Factory

260, Jeongmunsongsan-Ro, Yanggam-Myeon, Hwaseong-Si, Gyeonggi-Do, Korea
TEL +82-31-350-5273 FAX +82-31-350-5259 EMAIL info2@soosan.co.kr

SOOSAN China

Soosan Machinery (Qingdao) Co., Ltd.

North of Keyun-Road, East of Zhengyuan-Road, Qingdao National High-Tech Industrial Development Zone, Qingdao, Shandong Province, China
TEL +86-532-8796-5655 FAX +86-532-6868-2362 EMAIL saomai@soosan.co.kr

SOOSAN Europe

Ohmweg 18, 3208 KE, Spijkenisse, Netherlands

TEL +31-181-64-7194 FAX +31-181-64-1038 EMAIL dhlee65@soosan.co.kr

SOOSAN Middle East

P.O. BOX : 262280, LOB14-313 Jebel Ali Free Zone, Dubai, UAE

TEL +971-4-881-0502 FAX +971-4-881-0503 EMAIL kimht@soosan.co.kr

SOOSAN USA Inc.

1261 Wiley Rd Unit B Schaumburg, IL 60173

TEL +847 744 5982 FAX +847 890 6278 EMAIL keesj@soosan.co.kr

<http://www.soosanmachinery.com/>

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