

HYDRAULIC BREAKER SIDE TYPE

SOOSAN
HEAVY INDUSTRIES



✓ High Power to Weigh Ratio ✓ Easy and Fast Maintenance

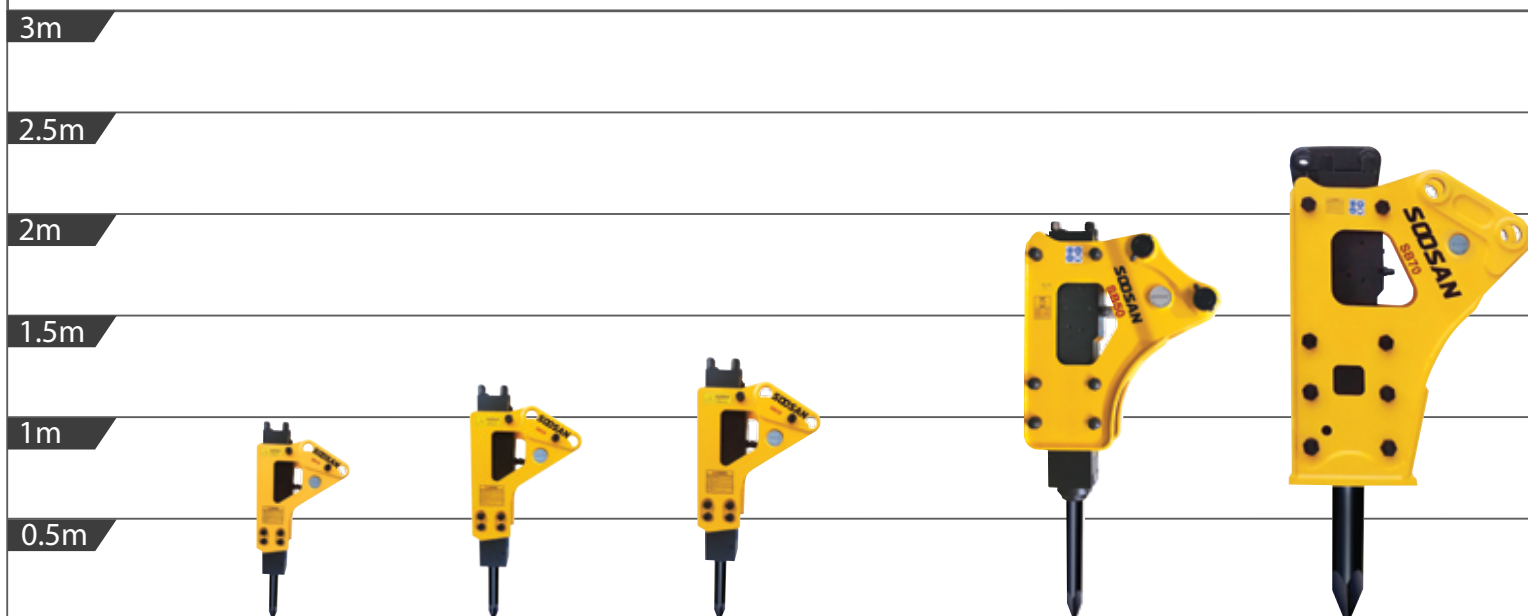
✓ KEY BENEFITS

- Very Suitable to Transport with Base Machine on Travel
- Less "Required Oil-Flow" to Reduce the Fatigues on the Hydraulic Pump
- Fewer Components and Less Maintenance & Cost
- Patented Built-in Valve System
- Light and Simple Side Plate Frame
- Maximum Hydraulic Efficiency which generates less heat

SB SIDE TYPE 23 Models Line up

Small Range [7Models]
Carrier Weight Range : 0.8~9ton

Medium Range [4Models]
Carrier Weight Range : 10~25ton



SB10

SB30

SB35

SB50

SB70

Description	Unit	SB10	SB20	SB30	SB35	SB40	SB43	SB45
Applicable Carrier	lbs	1,760 ~5,500	2,700 ~6,700	5,600 ~10,000	6,600 ~12,000	8,800 ~16,000	13,300 ~20,000	15,500 ~31,000
	ton	0.8~2.5	1.2~3.0	2.5~4.5	3.0~5.5	4~7	6~9	7~14
Operating Weight	lb	154	198	265	397	551	838	1,124
	kg	70	90	120	180	250	380	510
Overall Length	in	38.3	42.2	45.2	48.8	53.1	63.7	71.9
	mm	972	1,071	1,147	1,239	1,349	1,618	1,827
Required Oil Flow	gal/min	4~8	5.3~10.6	6.6~13.2	7.9~16	10.6~18.5	13.2~23.8	15.9~26.4
	ℓ/min	15~30	20~40	25~50	30~60	40~70	50~90	60~100
Operating Pressure	PSI	1,280~1,707	1,280~1,707	1,280~1,707	1,422~1,849	1,565~1,991	1,707~2,134	1,849~2,276
	kgf/cm ²	90~120	90~120	90~120	100~130	110~140	120~150	130~160
Impact Rate	bpm	800~1,400	700~1,200	600~1,100	500~1,000	500~900	400~800	400~800
Hose Diameter	inch	3/8,1/2	3/8,1/2	1/2	1/2	1/2	1/2	3/4
Tool Diameter	in	1.6	1.8	2.1	2.4	2.7	3	3.3
	mm	40	45	53	60	68	75	85

Description	Unit	SB50	SB57	SB60	SB70
Applicable Carrier	lbs	24,500 ~36,000	24,500 ~36,000	33,000 ~40,000	40,000 ~46,000
	ton	11~16	12~16	15~18	16~21
Operating Weight	lb	1,687	1,828	2,767	3,223
	kg	765	829	1,255	1,462
Overall Length	in	76.1	78	86.4	90.4
	mm	1,934	1,983	2,195	2,295
Required Oil Flow	gal/min	21.1~29.1	21.1~29.1	23.8~31.7	26.4~39.6
	ℓ/min	80~110	80~110	90~120	100~150
Operating Pressure	PSI	2,134~2,418	2,134~2,418	2,134~2,418	2,276~2,560
	kgf/cm ²	150~170	150~170	150~170	160~180
Impact Rate	bpm	350~700	400~750	350~650	350~600
Hose Diameter	inch	3/4	3/4	1	1
Tool Diameter	in	3.9	3.9	4.9	5.3
	mm	100	100	125	135

Range [6Models]
Range : 11~26ton

Heavy Range [10Models]
Carrier Weight Range : 25~55ton



SB81

SB121

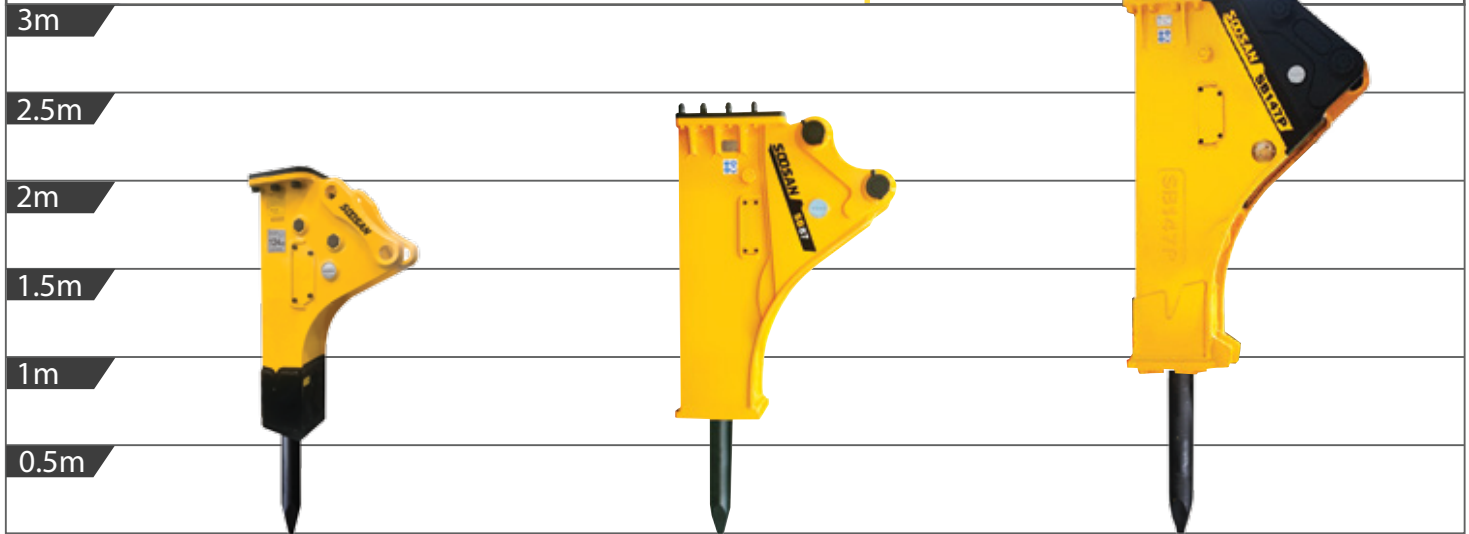
SB140

SB170

SB81	SB87	Description	Unit	SB100	SB121	SB130	SB140	SB147	SB149P	SB152	SB161	SB170	SB175
40,000 ~58,000	40,000 ~58,000	Applicable Carrier	lbs	55,000 ~66,000	62,000 ~77,000	66,000 ~100,000	71,000 ~100,000	62,000 ~100,000	62,000 ~100,000	88,000 ~121,000	88,000 ~121,000	88,000 ~121,000	88,000 ~121,000
18~26	18~26		ton	25~30	28~35	30~45	30~45	28~45	28~45	40~55	40~55	40~55	40~55
3,836	3,847	Operating Weight	lb	4,727	5,320	5,842	6,592	6,836	6,942	8,631	8,909	10,403	10,761
1,740	1,745		kg	2,144	2,413	2,650	2,990	3,101	3,149	3,915	4,041	4,719	4,881
95.6	92	Overall Length	in	103.3	109.3	116.3	119.3	122	123.3	126.4	126.4	137.2	137.2
2,429	2,327		mm	2,623	2,776	2,953	3,031	3,099	3,132.5	3,212	3,211	3,486	3,486
31.7~47.6	31.7~47.6	Required Oil Flow	gal/min	39.6~55.5	47.6~63.4	50.8~68.7	50.8~68.7	52.8~68.7	52.8~73.9	55.5~76.6	60.8~76.6	60.8~84.5	60.8~84.5
120~180	120~180		ℓ/min	150~210	180~240	200~260	200~260	200~260	200~280	210~290	230~290	230~320	230~320
2,276~2,560	2,276~2,987	Operating Pressure	PSI	2,276~2,560	2,276~2,560	2,276~2,560	2,276~2,560	2,276~2,560	2,702~3,271	2,276~2,702	2,276~2,560	2,276~2,560	2,276~2,560
160~180	160~210		kgf/cm ²	160~180	160~180	160~180	160~180	160~180	190~230	160~190	160~180	160~180	160~180
350~500	400~550	Impact Rate	bpm	300~450	300~450	250~400	250~350	(H Mode) 250~350 (L Mode) 300~450	120~170	150~250	150~250	150~250	150~250
1	1	Hose Diameter	inch	1	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼
5.5	5.3	Tool Diameter	in	5.9	6.1	6.5	6.5	6.5	6.1	6.9	7.1	7.5	7.7
140	135		mm	150	155	165	165	165	155	175	180	190	195

Silenced Series 7 Models Line up

Carrier Weight Range : 4~45ton



SB50 Silence

SB87 Silence

SB147p Silence

Description	Unit	SB40	SB50	SB57	SB81	SB87	SB140P	SB147P
Applicable Carrier	lbs	8,800~16,000	24,500~36,000	26,500~35,200	40,000~58,000	40,000~58,000	62,000~100,000	62,000~100,000
	ton	4.0~7.0	11~16	12~16	18~26	18~26	28~45	28~45
Operating Weight	lb	615	1,868	2,341	3,907	4,303	6,477	6,891
	kg	279	847	1,062	1,772	1,952	2,938	3,126
Overall Length	in	55.9	82.2	80	95.6	96	120.7	126.7
	mm	1,421	2,089	2,031	2,429	2,451	3,065	3,220
Required Oil Flow	gal/min	10.6~18.5	21.1~29.1	21~29	31.7~47.6	32~48	50.8~68.7	52.8~68.7
	ℓ/min	40~70	80~110	80~110	120~180	160~210	200~260	200~260
Operating Pressure	PSI	1,565~1,991	2,134~2,418	2,134~2,418	2,276~2,560	2,276~2,987	2,276~2,560	2,560~3,046
	kgf/cm ²	110~140	150~170	150~170	160~180	160~210	160~180	180~210
Impact Rate	bpm	500~900	350~700	400~750	350~500	400~550	200~350	(H Mode)160~210 (L Mode)210~270
Hose Diameter	inch	1/2	3/4	3/4	1	1	1 1/4	1 1/4
Tool Diameter	in	2.7	3.9	4.9	5.5	5.3	6.5	6.1
	mm	68	100	125	140	135	165	155

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