

NEW SQ SMALL RANGE

SOOSAN
HEAVY INDUSTRIES

**Constant High
Productivity
& Reliability**



Stroke selector
(Standard/Medium/Short stroke)

Auto lubrication
(Optional)

KEY BENEFITS

- High power to weight ratio
- Optimal operation in narrow trench work
- Broad carrier range
- Wide oil flow range
- Low operating cost

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SOOSAN continuously seeks avenues for improvement

SOOSAN is recognized as one of the top global attachment brands, leader in design, power and reliability. SOOSAN continues to look ahead and supplies customers with superior solutions with the SQ small range. The innovative stroke selector (Standard/Medium/Short piston stroke) allows constant high productivity and reliability.



Improvement

- Stroke selector (3 operating modes)
- Auto lubrication (Optional)
- Simple & compact design
- Increased hydraulic flow range (Max. 33%) for more carrier options
- Increased in impact rate (Max.14%)



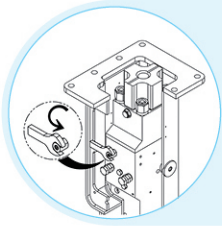
Features

- Vibration damping system with premium quality urethane cushions and wear plates
- Sound suppression system
- Superior valve design



Benefits

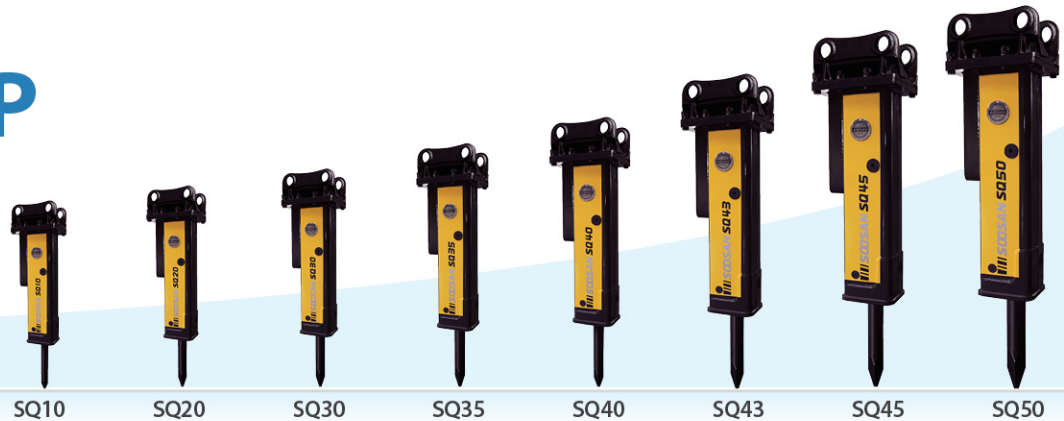
- High power to weight ratio
- Optimal operation in narrow trench work
- Broad carrier range
- Constant high productivity
- High reliability
- Low operating cost



Advanced Power Control System

The SQ35 through SQ50 breakers are equipped with a 3 Stroke selector which is standard on the breaker. The operator can select the piston power from standard, medium or short stroke according to the job-site requirements. This higher efficiency brings a significant reduction in operating cost.

LINE-UP



Description	Unit	SQ10	SQ20	SQ30	SQ35	SQ40	SQ43	SQ45	SQ50
Applicable Carrier	ton	0.8~2.5	1.2~3	2~4.5	3~6	4~9	5~12	7~15	9~16
	lbs	1700~5500	2600~6600	4400~9900	6600~13200	8800~19800	11000~26400	15400~33000	19800~35200
Operating Weight	kg	104	130	156	231	299	379	566	845
	lbs	229	287	344	510	660	836	1249	1864
Overall Length	mm	1135	1213	1317	1472	1620	1899	2161	2316
	in	44.7	47.8	51.9	58	63.8	74.8	85.1	91.2
Required Oil Flow	ℓ/min	15~35	20~45	25~55	30~65	40~75	50~90	60~110	80~120
	gal/min	4~9	5.3~11.9	6.6~14.5	7.9~17.2	10.6~19.8	13.2~23.8	15.9~29.1	21.1~31.7
Operating Pressure	kg/cm ²	90~120	90~120	90~120	100~130	110~140	120~150	130~160	150~170
	psi	1280~1707	1280~1707	1280~1707	1422~1849	1565~1991	1707~2134	1849~2276	2134~2418
Impact Rate	Short Stroke	bpm	-	-	960~1690	900~1650	800~1330	740~1195	650~1020
	Middle Stroke	bpm	-	-	800~1290	790~1220	700~1130	670~1030	590~880
	Standard Stroke	bpm	800~1530	700~1320	600~1250	620~1040	570~1020	540~800	455~730
Hose Diameter	in	3/8 & 1/2	3/8 & 1/2	1/2	1/2	1/2	1/2	3/4	3/4
Tool Diameter	mm	40	45	53	60	68	75	85	100
	in	1.6	1.8	2.1	2.4	2.7	3	3.3	3.9
Noise Level	dB(A)	105.5	106.8	108.5	116.9	108.7	114.5	112	113.5

SOOSAN HEAD OFFICE

260, Jeongmunsongsan-ro, Yanggam-myeon, Hwaseong-si, Gyeonggi-do, 18628, Korea

TEL +82-31-350-5273

Email info2@soosan.co.kr

www.soosanheavy.com

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