



SOOSAN Product Line-Up

BREAKER & CARGO CRANE

ROCK DRILL

Hydraulic Crawler Drill

SPECIAL PURPOSE VEHICLE

Aerial Work Platform
Insulated Aerial Work Platform
Auger Crane



HYDRAULIC BREAKER

TELESCOPIC TYPE CRANE

HYDRAULIC ROCK DRILL

SOOSAN Global Network



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INSULATED AERIAL WORK
PLATFORM TRUCK

AUGER CRANE

AERIAL WORK PLATFORM

PRODUCT LINE UP

HYDRAULIC BREAKER

SB LINE

Top (Direct-mounted)



Description	Unit	SB101	SB201	SB301	SB351	SB401	SB431	SB45	SB50
Operating Weight	kg (lb)	73 (161)	120 (265)	189 (417)	234 (515)	278 (612)	406 (895)	710 (1,568)	
Applicable Carrier	ton (lb)	0.8-2.5 (1,700-5,500)	1.2-3.0 (2,600-6,600)	2.0-4.5 (4,400-9,900)	3.0-5.5 (6,600-12,100)	4-7 (8,800-15,400)	6-9 (13,200-19,800)	7-14 (15,400-30,800)	11-16 (24,200-35,200)
Required Oil Flow	l/min (gal/min)	15-30 (4-8)	20-40 (5.3-10.6)	25-50 (6.6-13.2)	30-60 (7.9-15.8)	40-70 (10.6-18.6)	50-90 (13.2-23.8)	60-100 (15.8-26.4)	80-110 (20.9-29.0)
Operating Pressure	bar (psi)	90-120 (1,280-1,700)	90-120 (1,280-1,700)	90-120 (1,280-1,700)	110-140 (1,580-1,980)	120-150 (1,700-2,130)	130-160 (1,840-2,270)	150-170 (2,070-2,480)	160-180 (2,270-2,590)
Impact Rate	bpm	800-1,400	700-1,200	600-1,100	500-900	400-800	400-800	350-700	
Tool Diameter	mm (in)	40 (1.6)	45 (1.8)	53 (2.1)	60 (2.4)	68 (2.7)	75 (3.0)	85 (3.3)	100 (3.9)

TR-F



Description	Unit	SB60	SB60	SB70	SB81	SB100
Operating Weight	kg (lb)	970 (2,145)	1,320 (2,910)	1,540 (3,400)	1,850 (4,080)	2,290 (5,050)
Applicable Carrier	ton (lb)	11-16 (24,200-35,200)	15-18 (33,000-39,600)	16-21 (35,200-46,200)	18-26 (39,600-57,200)	25-35 (55,000-77,000)
Required Oil Flow	l/min (gal/min)	80-110 (21.0-29.1)	90-120 (23.8-31.9)	100-150 (26.4-39.6)	120-180 (31.9-47.3)	150-210 (39.6-55.9)
Operating Pressure	bar (psi)	150-170 (2,070-2,480)	150-170 (2,070-2,480)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)
Impact Rate	bpm	350-700	350-650	350-600	350-600	300-450
Tool Diameter	mm (in)	125 (5.0)	135 (5.3)	140 (5.5)	150 (5.9)	160 (6.3)

SIDE



Description	Unit	SB101	SB201	SB301	SB351	SB401	SB431	SB45	SB50
Operating Weight	kg (lb)	73 (161)	120 (265)	189 (417)	234 (515)	278 (612)	406 (895)	710 (1,568)	
Applicable Carrier	ton (lb)	0.8-2.5 (1,700-5,500)	1.2-3.0 (2,600-6,600)	2.0-4.5 (4,400-9,900)	3.0-5.5 (6,600-12,100)	4-7 (8,800-15,400)	6-9 (13,200-19,800)	7-14 (15,400-30,800)	11-16 (24,200-35,200)
Required Oil Flow	l/min (gal/min)	15-30 (4-8)	20-40 (5.3-10.6)	25-50 (6.6-13.2)	30-60 (7.9-15.8)	40-70 (10.6-18.6)	50-90 (13.2-23.8)	60-100 (15.8-26.4)	80-110 (20.9-29.0)
Operating Pressure	bar (psi)	90-120 (1,280-1,700)	90-120 (1,280-1,700)	90-120 (1,280-1,700)	110-140 (1,580-1,980)	120-150 (1,700-2,130)	130-160 (1,840-2,270)	150-170 (2,070-2,480)	160-180 (2,270-2,590)
Impact Rate	bpm	800-1,400	700-1,200	600-1,100	500-900	400-800	400-800	350-700	
Tool Diameter	mm (in)	40 (1.6)	45 (1.8)	53 (2.1)	60 (2.4)	68 (2.7)	75 (3.0)	85 (3.3)	100 (3.9)

Backhoe



Description	Unit	Non-Silenced Type SB401 BH SB431 BH
Operating Weight	kg (lb)	247 (545) 241 (531)
Applicable Carrier	ton (lb)	4-7 (8,800-15,400) 6-9 (13,200-19,800)
Required Oil Flow	l/min (gal/min)	40-70 (10.6-18.6) 50-90 (13.2-23.8)
Operating Pressure	bar (psi)	110-140 (1,580-1,980) 120-150 (1,700-2,130)
Impact Rate	bpm	500-900 400-800
Tool Diameter	mm (in)	68 (2.7) 75 (3.0)

TS-PS



Description	Unit	SB101	SB201	SB301	SB351	SB401	SB431	SB45	SB50
Operating Weight	kg (lb)	102 (225)	135 (298)	182 (403)	224 (494)	255 (562)	375 (827)	671 (1,480)	901 (1,988)
Applicable Carrier	ton (lb)	0.8-2.5 (1,700-5,500)	1.2-3.0 (2,600-6,600)	2.0-4.5 (4,400-9,900)	3.0-5.5 (6,600-12,100)	4-7 (8,800-15,400)	6-9 (13,200-19,800)	7-14 (15,400-30,800)	11-16 (24,200-35,200)
Required Oil Flow	l/min (gal/min)	15-30 (4-8)	20-40 (5.3-10.6)	25-50 (6.6-13.2)	30-60 (7.9-15.8)	40-70 (10.6-18.6)	50-90 (13.2-23.8)	60-100 (15.8-26.4)	80-110 (20.9-29.0)
Operating Pressure	bar (psi)	90-120 (1,280-1,700)	90-120 (1,280-1,700)	90-120 (1,280-1,700)	110-140 (1,580-1,980)	120-150 (1,700-2,130)	130-160 (1,840-2,270)	150-170 (2,070-2,480)	160-180 (2,270-2,590)
Impact Rate	bpm	800-1,400	700-1,200	600-1,100	500-900	400-800	400-800	350-700	
Tool Diameter	mm (in)	40 (1.6)	45 (1.8)	53 (2.1)	60 (2.4)	68 (2.7)	75 (3.0)	85 (3.3)	100 (3.9)

SQ LINE



Description	Unit	SQ10	SQ20	SQ30	SQ35	SQ40	SQ43	SQ45	SQ50
Operating Weight	kg (lb)	134 (295)	132 (287)	155 (341)	221 (487)	259 (571)	379 (836)	565 (1,243)	866 (1,908)
Applicable Carrier	ton (lb)	0.8-2.5 (1,700-5,500)	1.2-3.0 (2,600-6,600)	2.0-4.5 (4,400-9,900)	3-4 (6,600-8,800)	5-6 (11,000-13,200)	7-10 (15,400-22,000)	10-15 (22,000-33,000)	15-20 (33,000-44,000)
Required Oil Flow	l/min (gal/min)	15-30 (4-8)	20-40 (5.3-10.6)	25-50 (6.6-13.2)	30-60 (7.9-15.8)	40-70 (10.6-18.6)	50-90 (13.2-23.8)	60-100 (15.8-26.4)	80-110 (20.9-29.0)
Operating Pressure	bar (psi)	90-120 (1,280-1,700)	90-120 (1,280-1,700)	90-120 (1,280-1,700)	110-140 (1,580-1,980)	120-150 (1,700-2,130)	130-160 (1,840-2,270)	150-170 (2,070-2,480)	160-180 (2,270-2,590)
Impact Rate	bpm	800-1,400	700-1,200	600-1,100	500-900	400-800	400-800	350-700	
Tool Diameter	mm (in)	40 (1.6)	45 (1.8)	53 (2.1)	60 (2.4)	68 (2.7)	75 (3.0)	85 (3.3)	100 (3.9)

ET LINE



Description	Unit	ET2001	ET2001
Operating Weight	kg (lb)	1,025 (2,258)	1,140 (2,514)
Applicable Carrier	ton (lb)	18-25 (39,600-55,000)	25-35 (55,000-77,000)
Required Oil Flow	l/min (gal/min)	125-150 (33.0-39.6)	150-180 (39.6-47.3)
Operating Pressure	bar (psi)	160-180 (2,270-2,590)	160-180 (2,270-2,590)
Impact Rate	bpm	400-800	350-700
Tool Diameter	mm (in)	135 (5.3)	150 (5.9)

Top (Cap-mounted)



Description	Unit	SB101	SB201	SB301	SB351	SB401	SB431	SB45	SB50
Operating Weight	kg (lb)	90 (198)	110 (243)	135 (298)	204 (450)	252 (556)	370 (815)	659 (1,453)	859 (1,895)
Applicable Carrier	ton (lb)	0.8-2.5 (1,700-5,500)	1.2-3.0 (2,600-6,600)	2.0-4.5 (4,400-9,900)	3.0-5.5 (6,600-12,100)	4-7 (8,800-15,400)	6-9 (13,200-19,800)	7-14 (15,400-30,800)	11-16 (24,200-35,200)
Required Oil Flow	l/min (gal/min)	15-30 (4-8)	20-40 (5.3-10.6)	25-50 (6.6-13.2)	30-60 (7.9-15.8)	40-70 (10.6-18.6)	50-90 (13.2-23.8)	60-100 (15.8-26.4)	80-110 (20.9-29.0)
Operating Pressure	bar (psi)	90-120 (1,280-1,700)	90-120 (1,280-1,700)	90-120 (1,280-1,700)	110-140 (1,580-1,980)	120-150 (1,700-2,130)	130-160 (1,840-2,270)	150-170 (2,070-2,480)	160-180 (2,270-2,590)
Impact Rate	bpm	800-1,400	700-1,200	600-1,100	500-900	400-800	400-800	350-700	
Tool Diameter	mm (in)	40 (1.6)	45 (1.8)	53 (2.1)	60 (2.4)	68 (2.7)	75 (3.0)	85 (3.3)	100 (3.9)



Description	Unit	SB125	SB130	SB147	SB157	SB177	SB200
Operating Weight	kg (lb)	2,781 (6,137)	2,866 (6,315)	3,314 (7,300)	4,108 (9,053)	5,773 (12,729)	7,886 (17,379)
Applicable Carrier	ton (lb)	28-38 (61,800-83,600)	30-46 (66,000-101,000)	33-48 (72,600-105,800)	40-55 (88,000-121,000)	45-72 (99,000-158,000)	70-100 (154,000-220,000)
Required Oil Flow	l/min (gal/min)	180-240 (47.4-63.0)	200-260 (52.8-68.6)	220-290 (58.2-76.6)	250-330 (65.8-87.0)	300-400 (78.3-105.6)	400-500 (105.6-132.0)
Operating Pressure	bar (psi)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)
Impact Rate	bpm	300-450	300-450	300-450	300-450	300-450	300-450
Tool Diameter	mm (in)	100 (4.0)	105 (4.1)	110 (4.3)	115 (4.5)	120 (4.7)	125 (4.9)



Description	Unit	SB60	SB70	SB81	SB100	SB125	SB130	SB147	SB157
Operating Weight	kg (lb)	1,255 (2,768)	1,462 (3,225)	1,740 (3,836)	2,144 (4,727)	2,413 (5,315)	2,650 (5,840)	3,101 (6,839)	3,887 (8,581)
Applicable Carrier	ton (lb)	12-16 (26,400-35,200)	14-18 (30,800-39,600)	16-21 (35,200-46,200)	18-26 (39,600-57,200)	20-30 (44,000-66,000)	22-30 (48,400-66,000)	25-35 (55,000-77,000)	35-50 (77,000-110,000)
Required Oil Flow	l/min (gal/min)	150-170 (39.6-44.3)	160-180 (42.3-47.3)	160-180 (42.3-47.3)	160-180 (42.3-47.3)	160-180 (42.3-47.3)	160-180 (42.3-47.3)	160-180 (42.3-47.3)	160-180 (42.3-47.3)
Operating Pressure	bar (psi)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)
Impact Rate	bpm	350-650	350-650	350-650	350-650	350-650	350-650	350-650	350-650
Tool Diameter	mm (in)	125 (5.0)	135 (5.3)	140 (5.5)	150 (5.9)	160 (6.3)	170 (6.7)	180 (7.1)	200 (7.9)

Silenced Backhoe



Description	Unit	Silenced Type SB401 BH SB431 BH
Operating Weight	kg (lb)	259 (571) 302 (666)
Applicable Carrier	ton (lb)	4-7 (8,800-15,400) 6-9 (13,200-19,800)
Required Oil Flow	l/min (gal/min)	40-70 (10.6-18.6) 50-90 (13.2-23.8)
Operating Pressure	bar (psi)	110-140 (1,580-1,980) 120-150 (1,700-2,130)
Impact Rate	bpm	500-900 400-800
Tool Diameter	mm (in)	68 (2.7) 75 (3.0)



Description	Unit	SB60	SB70	SB81	SB100	SB125	SB130	SB147	SB157
Operating Weight	kg (lb)	1,257 (2,771)	1,500 (3,307)	1,766 (3,893)	2,071 (4,566)	2,413 (5,315)	2,650 (5,840)	3,101 (6,839)	3,887 (8,581)
Applicable Carrier	ton (lb)	12-16 (26,400-35,200)	14-18 (30,800-39,600)	16-21 (35,200-46,200)	18-26 (39,600-57,200)	20-30 (44,000-66,000)	22-30 (48,400-66,000)	25-35 (55,000-77,000)	35-50 (77,000-110,000)
Required Oil Flow	l/min (gal/min)	150-170 (39.6-44.3)	160-180 (42.3-47.3)	160-180 (42.3-47.3)	160-180 (42.3-47.3)	160-180 (42.3-47.3)	160-180 (42.3-47.3)	160-180 (42.3-47.3)	160-180 (42.3-47.3)
Operating Pressure	bar (psi)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)
Impact Rate	bpm	350-650	350-650	350-650	350-650	350-650	350-650	350-650	350-650
Tool Diameter	mm (in)	125 (5.0)	135 (5.3)	140 (5.5)	150 (5.9)	160 (6.3)	170 (6.7)	180 (7.1)	200 (7.9)



Description	Unit	SQ60	SQ70	SQ80	SQ100	SQ120	SQ130	SQ140	SQ150	SQ180
Operating Weight	kg (lb)	1,607 (3,543)	1,719 (3,790)	2,003 (4,417)	2,185 (4,817)	2,671 (5,888)	3,033 (6,685)	3,169 (6,983)	3,950 (8,708)	5,989 (13,200)
Applicable Carrier	ton (lb)	15-18 (33,000-39,600)	16-21 (35,200-46,200)	18-26 (39,600-57,200)	20-30 (44,000-66,000)	22-30 (48,400-66,000)	25-35 (55,000-77,000)	28-38 (61,800-83,600)	35-50 (77,000-110,000)	50-70 (110,000-154,000)
Required Oil Flow	l/min (gal/min)	180-240 (47.4-63.0)	200-260 (52.8-68.6)	220-290 (58.2-76.6)	250-330 (65.8-87.0)	300-400 (78.3-105.6)	350-450 (91.8-118.2)	400-500 (105.6-132.0)	500-600 (132.0-158.4)	600-700 (158.4-194.8)
Operating Pressure	bar (psi)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)	160-180 (2,270-2,590)
Impact Rate	bpm	350-650	350-650	350-650	350-650	350-650	350-650	350-650	350-650	350-650
Tool Diameter	mm (in)	125 (5.0)	135 (5.3)	140 (5.5)	150 (5.9)	160 (6.3)	170 (6.7)	180 (7.1)	190 (7.5)	200 (7.9)