



SOOSAN Product Line-Up

BREAKER & CARGO CRANE

ROCK DRILL
Hydraulic Crawler Drill

SPECIAL PURPOSE VEHICLE

Aerial Work Platform
Insulated Aerial Work Platform
Auger Crane

SOOSAN
HEAVY INDUSTRIES



SOOSAN Global Network



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HYDRAULIC BREAKER



TELESCOPIC TYPE CRANE



HYDRAULIC ROCK DRILL



INSULATED AERIAL WORK PLATFORM TRUCK



AUGER CRANE



AERIAL WORK PLATFORM

PRODUCT LINE UP

HYDRAULIC BREAKER

SB LINE

Top (Direct-mounted)



Description	Unit	SB10 II	SB20 II	SB30 II	SB35 II	SB40 II	SB43 II	SB45	SB50
Operating Weight	kg (lb)	75 (165)	100 (220)	120 (265)	189 (417)	234 (515)	275 (607)	496 (1,093)	710 (1,558)
Applicable Carrier	ton (t)	0.8-2.5 (1.70-5.50)	1.2-3.0 (2.60-6.60)	2.0-4.5 (4.40-9.90)	3.0-5.5 (6.60-12.10)	4-7 (8.80-15.40)	6-9 (13.20-19.80)	7-14 (15.40-30.80)	11-16 (24.20-35.20)
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 (10.6-18.5)	50-90 (13.2-23.8)	80-110 (21.1-29.1)	100-150 (26.4-39.6)
Operating Pressure	bar (psi)	90-120 (1,290-1,700)	90-120 (1,290-1,700)	90-120 (1,290-1,700)	100-130 (1,450-1,880)	110-140 (1,590-2,030)	120-150 (1,740-2,180)	130-150 (1,880-2,180)	150-170 (2,124-2,418)
Impact Rate	ipm	800-1,400	700-1,200	600-1,100	500-1,000	400-800	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	SB80	SB70	SB81	SB100
Operating Weight	kg (lb)	970 (2,145)	1,320 (2,932)	1,544 (3,404)	1,850 (4,083)	2,236 (4,933)
Applicable Carrier	ton (t)	11-16 (24.20-35.20)	15-18 (33.00-39.60)	16-21 (35.20-46.20)	18-26 (39.60-57.30)	25-35 (55.10-77.10)
Required Oil Flow	l/min (gal/min)	80-110 (21.1-29.1)	90-120 (23.8-31.7)	100-150 (26.4-39.6)	120-150 (31.7-39.6)	150-210 (39.6-55.1)
Operating Pressure	bar (psi)	150-170 (2,124-2,418)	150-170 (2,124-2,418)	150-170 (2,124-2,418)	150-170 (2,124-2,418)	150-170 (2,124-2,418)
Impact Rate	ipm	350-700	350-650	300-600	300-400	300-400
Tool Diameter	mm (in)	125 (4.9)	135 (5.3)	140 (5.5)	150 (5.9)	168 (6.6)

SIDE



Description	Unit	SB10 II	SB20 II	SB30 II	SB35 II	SB40 II	SB43 II	SB45	SB50
Operating Weight	kg (lb)	75 (165)	100 (220)	120 (265)	189 (417)	234 (515)	275 (607)	496 (1,093)	710 (1,558)
Applicable Carrier	ton (t)	0.8-2.5 (1.70-5.50)	1.2-3.0 (2.60-6.60)	2.0-4.5 (4.40-9.90)	3.0-5.5 (6.60-12.10)	4-7 (8.80-15.40)	6-9 (13.20-19.80)	7-14 (15.40-30.80)	11-16 (24.20-35.20)
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 (10.6-18.5)	50-90 (13.2-23.8)	80-110 (21.1-29.1)	100-150 (26.4-39.6)
Operating Pressure	bar (psi)	90-120 (1,290-1,700)	90-120 (1,290-1,700)	90-120 (1,290-1,700)	100-130 (1,450-1,880)	110-140 (1,590-2,030)	120-150 (1,740-2,180)	130-150 (1,880-2,180)	150-170 (2,124-2,418)
Impact Rate	ipm	800-1,400	700-1,200	600-1,100	500-1,000	400-800	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	SB40 II BH	SB43 II BH
Operating Weight	kg (lb)	247 (545)	341 (753)
Applicable Carrier	ton (t)	4-7 (8.80-15.40)	6-9 (13.20-19.80)
Required Oil Flow	l/min (gal/min)	40-70 (10.6-18.5)	50-90 (13.2-23.8)
Operating Pressure	bar (psi)	110-140 (1,590-1,990)	120-150 (1,740-2,180)
Impact Rate	ipm	500-900	400-800
Tool Diameter	mm (in)	68 (2.7)	75 (3.0)

TS-P



Description	Unit	SB10 II	SB20 II	SB30 II	SB35 II	SB40 II	SB43 II	SB45	SB50
Operating Weight	kg (lb)	102 (225)	126 (278)	163 (359)	224 (494)	266 (586)	275 (607)	571 (1,259)	861 (1,898)
Applicable Carrier	ton (t)	0.8-2.5 (1.70-5.50)	1.2-3.0 (2.60-6.60)	2.0-4.5 (4.40-9.90)	3.0-5.5 (6.60-12.10)	4-7 (8.80-15.40)	6-9 (13.20-19.80)	7-14 (15.40-30.80)	11-16 (24.20-35.20)
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 (10.6-18.5)	50-90 (13.2-23.8)	80-110 (21.1-29.1)	100-150 (26.4-39.6)
Operating Pressure	bar (psi)	90-120 (1,290-1,700)	90-120 (1,290-1,700)	90-120 (1,290-1,700)	100-130 (1,450-1,880)	110-140 (1,590-2,030)	120-150 (1,740-2,180)	130-150 (1,880-2,180)	150-170 (2,124-2,418)
Impact Rate	ipm	800-1,400	700-1,200	600-1,100	500-1,000	400-800	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 AutoLube	SQ40 AutoLube	SQ43 AutoLube	SQ45 AutoLube	SQ50 AutoLube
Operating Weight	kg (lb)	156 (343)	120 (265)	150 (330)	220 (485)	266 (586)	275 (607)	571 (1,259)	861 (1,898)
Applicable Carrier	ton (t)	0.8-2.5 (1.70-5.50)	1.2-3.0 (2.60-6.60)	2.0-4.5 (4.40-9.90)	3.0-5.5 (6.60-12.10)	4-7 (8.80-15.40)	6-9 (13.20-19.80)	7-14 (15.40-30.80)	11-16 (24.20-35.20)
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 (10.6-18.5)	50-90 (13.2-23.8)	80-110 (21.1-29.1)	100-150 (26.4-39.6)
Operating Pressure	bar (psi)	90-120 (1,290-1,700)	90-120 (1,290-1,700)	90-120 (1,290-1,700)	100-130 (1,450-1,880)	110-140 (1,590-2,030)	120-150 (1,740-2,180)	130-150 (1,880-2,180)	150-170 (2,124-2,418)
Impact Rate	ipm	-	-	-	800-1,200	600-1,100	600-1,100	600-1,100	600-1,100
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	ET2000 I	ET2000 II
Operating Weight	kg (lb)	1,225 (2,703)	1,194 (2,633)
Applicable Carrier	ton (t)	18-25 (39.60-55.10)	25-35 (55.10-77.10)
Required Oil Flow	l/min (gal/min)	125-150 (33.1-39.6)	150-180 (39.6-47.8)
Operating Pressure	bar (psi)	160-190 (2,275-2,760)	160-190 (2,275-2,760)
Impact Rate	ipm	400-800	350-700
Tool Diameter	mm (in)	135 (5.3)	150 (5.9)

Top (Cap-mounted)



Description	Unit	SB10 II	SB20 II	SB30 II	SB35 II	SB40 II	SB43 II	SB45	SB50
Operating Weight	kg (lb)	90 (198)	110 (242)	135 (297)	204 (450)	260 (573)	370 (816)	500 (1,102)	639 (1,408)
Applicable Carrier	ton (t)	0.8-2.5 (1.70-5.50)	1.2-3.0 (2.60-6.60)	2.0-4.5 (4.40-9.90)	3.0-5.5 (6.60-12.10)	4-7 (8.80-15.40)	6-9 (13.20-19.80)	7-14 (15.40-30.80)	11-16 (24.20-35.20)
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 (10.6-18.5)	50-90 (13.2-23.8)	80-110 (21.1-29.1)	100-150 (26.4-39.6)
Operating Pressure	bar (psi)	90-120 (1,290-1,700)	90-120 (1,290-1,700)	90-120 (1,290-1,700)	100-130 (1,450-1,880)	110-140 (1,590-2,030)	120-150 (1,740-2,180)	130-150 (1,880-2,180)	150-170 (2,124-2,418)
Impact Rate	ipm	800-1,400	700-1,200	600-1,100	500-1,000	400-800	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)	2,761 (6,085)	2,996 (6,605)	3,314 (7,303)	4,108 (9,057)	5,773 (12,729)	7,836 (17,279)
Applicable Carrier	ton (t)	28-38 (61.6-83.6)	30-40 (66.0-88.0)	33-48 (72.7-105.8)	40-55 (88.2-121.3)	55-75 (121.3-165.3)	70-100 (154.0-220.5)
Required Oil Flow	l/min (gal/min)	180-240 (47.4-63.4)	200-260 (52.8-68.8)	220-290 (58.2-76.8)	250-300 (65.8-79.4)	300-350 (78.9-92.5)	400-500 (105.5-132.5)
Operating Pressure	bar (psi)	160-180 (2,320-2,600)	160-180 (2,320-2,600)	160-180 (2,320-2,600)	160-180 (2,320-2,600)	160-180 (2,320-2,600)	160-180 (2,320-2,600)
Impact Rate	ipm	300-450	250-400	250-400	250-400	250-400	200-300
Tool Diameter	mm (in)	155 (6.1)	165 (6.5)	175 (6.9)	185 (7.3)	200 (7.9)	220 (8.7)



Description	Unit	SB60	SB70	SB81	SB100	SB125	SB130	SB147	SB157
Operating Weight	kg (lb)	1,225 (2,703)	1,462 (3,225)	1,740 (3,836)	2,144 (4,727)	2,413 (5,313)	2,650 (5,839)	3,301 (7,279)	3,897 (8,591)
Applicable Carrier	ton (t)	15-18 (33.00-39.60)	18-21 (39.60-46.20)	19-25 (41.80-55.10)	25-30 (55.10-66.0)	30-35 (66.0-77.1)	35-40 (77.1-88.0)	40-45 (88.0-99.0)	45-55 (99.0-121.3)
Required Oil Flow	l/min (gal/min)	90-120 (23.8-31.7)	100-150 (26.4-39.6)	120-180 (31.7-47.8)	150-210 (39.6-55.1)	180-240 (47.4-63.4)	200-260 (52.8-68.8)	250-300 (65.8-79.4)	300-350 (78.9-92.5)
Operating Pressure	bar (psi)	150-170 (2,124-2,418)	150-170 (2,124-2,418)	150-170 (2,124-2,418)	150-170 (2,124-2,418)	150-170 (2,124-2,418)	150-170 (2,124-2,418)	150-170 (2,124-2,418)	150-170 (2,124-2,418)
Impact Rate	ipm	350-650	350-650	350-650	300-450	300-450	250-400	-	-
Tool Diameter	mm (in)	125 (4.9)	135 (5.3)	140 (5.5)	150 (5.9)	165 (6.5)	175 (6.9)	185 (7.3)	200 (7.9)

Silenced Backhoe



Description	Unit	SB40 II BH	SB43 II BH
Operating Weight	kg (lb)	247 (545)	341 (753)
Applicable Carrier	ton (t)	4-7 (8.80-15.40)	6-9 (13.20-19.80)
Required Oil Flow	l/min (gal/min)	40-70 (10.6-18.5)	50-90 (13.2-23.8)
Operating Pressure	bar (psi)	110-140 (1,590-1,990)	120-150 (1,740-2,180)
Impact Rate	ipm	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)	1,227 (2,706)	1,500 (3,307)	1,766 (3,893)	2,071 (4,566)	2,422 (5,336)	2,653 (5,846)	3,302 (7,280)	3,898 (8,592)
Applicable Carrier	ton (t)	15-18 (33.00-39.60)	18-21 (39.60-46.20)	19-25 (41.80-55.10)	25-30 (55.10-66.0)	30-35 (66.0-77.1)	35-40 (77.1-88.0)	40-45 (88.0-99.0)	45-55 (99.0-121.3)
Required Oil Flow	l/min (gal/min)	90-120 (23.8-31.7)	100-150 (26.4-39.6)	120-180 (31.7-47.8)	150-210 (39.6-55.1)	180-240 (47.4-63.4)	200-260 (52.8-68.8)	250-300 (65.8-79.4)	300-350 (78.9-92.5)
Operating Pressure	bar (psi)	150-170 (2,124-2,418)	150-170 (2,124-2,418)	150-170 (2,124-2,418)	150-170 (2,124-2,418)	150-170 (2,124-2,418)	150-170 (2,124-2,418)	150-170 (2,124-2,418)	150-170 (2,124-2,418)
Impact Rate	ipm	350-650	350-650	350-650	300-450	300-450	250-400	-	-
Tool Diameter	mm (in)	125 (4.9)	135 (5.3)	140 (5.5)	150 (5.9)	165 (6.5)	175 (6.9)	185 (7.3)	200 (7.9)



Description	Unit	SQ60	SQ70	SQ80	SQ100	SQ120	SQ130	SQ140	SQ150	SQ160
Operating Weight	kg (lb)	1,607 (3,543)	1,759 (3,878)	2,053 (4,531)	2,185 (4,817)	2,671 (5,888)	3,033 (6,687)	3,169 (6,983)	3,950 (8,708)	5,888 (12,983)
Applicable Carrier	ton (t)	15-18 (33.00-39.60)	18-21 (39.60-46.20)	25-35 (55.10-77.10)	28-38 (61.6-83.6)	30-40 (66.0-88.0)	33-48 (72.7-105.8)	40-55 (88.2-121.3)	55-75 (121.3-165.3)	70-100 (154.0-220.5)
Required Oil Flow	l/min (gal/min)	180-240 (47.4-63.4)	200-260 (52.8-68.8)	220-290 (58.2-76.8)	250-300 (65.8-79.4)	300-350 (78.9-92.5)	350-400 (92.5-105.5)	400-450 (105.5-121.3)	450-500 (121.3-132.5)	500-550 (132.5-143.7)
Operating Pressure	bar (psi)	160-180 (2,320-2,600)	160-180 (2,320-2,600)	160-180 (2,320-2,600)	160-180 (2,320-2,600)	160-180 (2,320-2,600)	160-180 (2,320-2,600)	160-180 (2,320-2,600)	160-180 (2,320-2,600)	160-180 (2,320-2,600)
Impact Rate	ipm	300-450	300-450	300-450	300-450	300-450	300-450	300-450	300-450	300-450
Tool Diameter	mm (in)	125 (4.9)	135 (5.3)	140 (5.5)	150 (5.9)	165 (6.5)	175 (6.9)	185 (7.3)	200 (7.9)	220 (8.7)

TELESCOPIC TYPE CRANE