HYDRAULIC BREAKER
TR-F SERIES

SOOSAN
HEAVY INDUSTRIES

☑ Integrated Power Control ☑ Anti Blank Hammering System
(SB147/157/200 Only)

KEY BENEFITS

- High Power to Weight Ratio
- IPC&ABH System allows you to choose 3Different Working Modes
- Proven Design for Performance
- Powerful Impact Force with less oil flow and pressure
- HARDOX Housing for High Durability

TR-F SERIES

SOOSAN

Pride of SOOSAN

Worldwide acceptance for its proven design and reliable performance

ABOUT SOOSAN

As one of largest manufacturers of hydraulic breaker, SOOSAN Heavy Industries Co., Ltd, has been committed to the development and manufacturing of quality products and product support since its establishment in 1984.
Since the first hydraulic breaker rolled out in 1984, the ingenious and patented design of SOOSAN hydraulic breakers have received recognitions for its superb performance from worldwide customers.

- State-of-the-art manufacturing processes and following best practices in material sourcing, machining, heat treatment, assembly, and final testing yields products of unsurpassed quality and durability.

- Global market leader recognized as a performance innovator in efficient product design and field-proven dependability.

In House Heat Treatment

Robot Welding Automation

Super Grinding Machine

Features & Benefits ;

Proven design for performance and reliability
SB hydraulic breakers have the most efficient and simple structure with its commitment to the basics. SB hydraulic breakers have gained worldwide acceptance in the past three decades and its breaker design is a subject of benchmarking around the world.

High power to weight ratio
Due to high quality materials and advanced technology, higher percussive performance to weight ratio is guaranteed.

Fewer components, less maintenance
Simple structure of TR-F series enables maintenance cost to be reduced.

Improved vibration dampening
Fully isolated power cell with premium quality urethane cushions and wear plates absorb shock and vibration resulting in reduced wear.

Gas and oil percussion mechanism
Compressed nitrogen gas in the back head greatly contributes to powerful impact force with less oil flow and pressure.

HARDOX reinforced housing
The lower part of housing is reinforced by HARDOX for maximum durability.

Facilities and quality control with SOOSAN know-how and experience
All component machining and final grinding are conducted on the latest precision SPC equipment, and carefully monitored for precise tolerances. In the assembly process, only the latest generation robot welding machines are used.

IPC & ABH system(SB147, SB157, SB200 TR-F Only)
Integrated Power Control and Anti-Blank Hammering system allows operator to choose three different working mode. The automatic Anti-Blank Hammering function (shut-off) can be switched on or off.

TR-F Line-up

SB50 TR-F | SB60 TR-F | SB70 TR-F | SB81 TR-F | SB100 TR-F

Specifications

Description	Unit	SB50 TR-F	SB60 TR-F	SB70 TR-F	SB81 TR-F	SB100 TR-F
Operating weight	kg	973	1330	1544	1830	2065
Carrier weight	ton	11 ~ 16	15 ~ 18	16 ~ 21	18 ~ 26	25 ~ 30
Height	mm	2325	2592	2682	2813	3063
Required oil flow	ℓ / min	80 ~ 110	90 ~ 120	100 ~ 150	120 ~ 180	150 ~ 210
Operating pressure	bar	150 ~ 170	150 ~ 170	160 ~ 180	160 ~ 180	160 ~ 180
Impact rate	bpm	350 ~ 700	350 ~ 650	350 ~ 600	350 ~ 500	300 ~ 450
Chisel diameter	mm	100	125	135	140	150

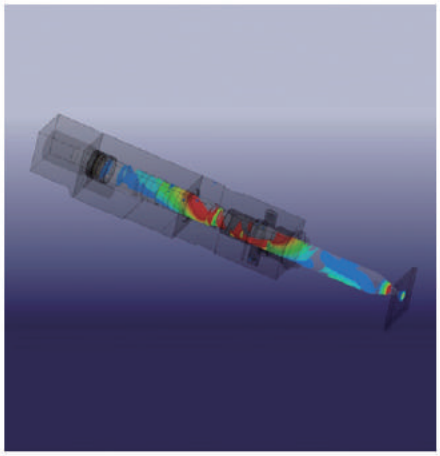
※ The above specifications are subject to change without prior notice.

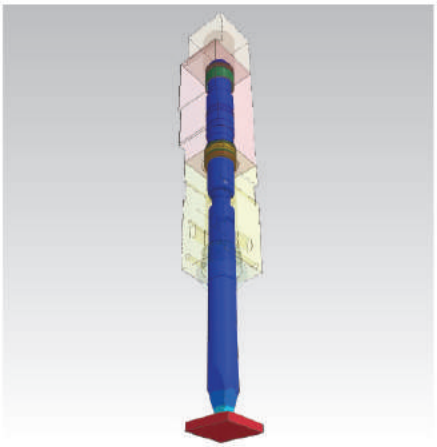
SB121 TR-F | SB130 TR-F | SB147 TR-F | SB157 TR-F | SB177 TR-F | SB200 TR-F

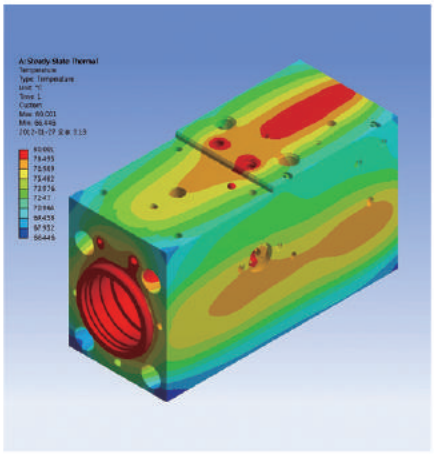
SB121 TR-F	SB130 TR-F	SB147 TR-F	SB157 TR-F	SB177 TR-F	SB200 TR-F
2781	2996	3314	4108	5091	6613
28 ~ 35	30 ~ 45	28 ~ 45	40 ~ 55	45 ~ 70	70 ~ 120
3215	3392	3605.5	3786	3568	3740
180 ~ 240	200 ~ 260	200 ~ 260	210 ~ 290	250 ~ 390	400 ~ 500
160 ~ 180	160 ~ 180	160 ~ 180	160 ~ 190	170 ~ 190	170 ~ 190
300 ~ 450	250 ~ 400	[H Mode] 250 ~ 350 [L Mode] 300 ~ 450	[H Mode] 150 ~ 250 [L Mode] 300 ~ 340	150 ~ 250	[H Mode] 200 ~ 300 [L Mode] 300 ~ 400
155	165	165	175	190	210

Impact Power Mechanism 3D Analysis

Keeping dynamical stability through optimum design using 3D Software and computer System structural analysis
35 years of accumulated experiences and market feedback were implemented in the design.

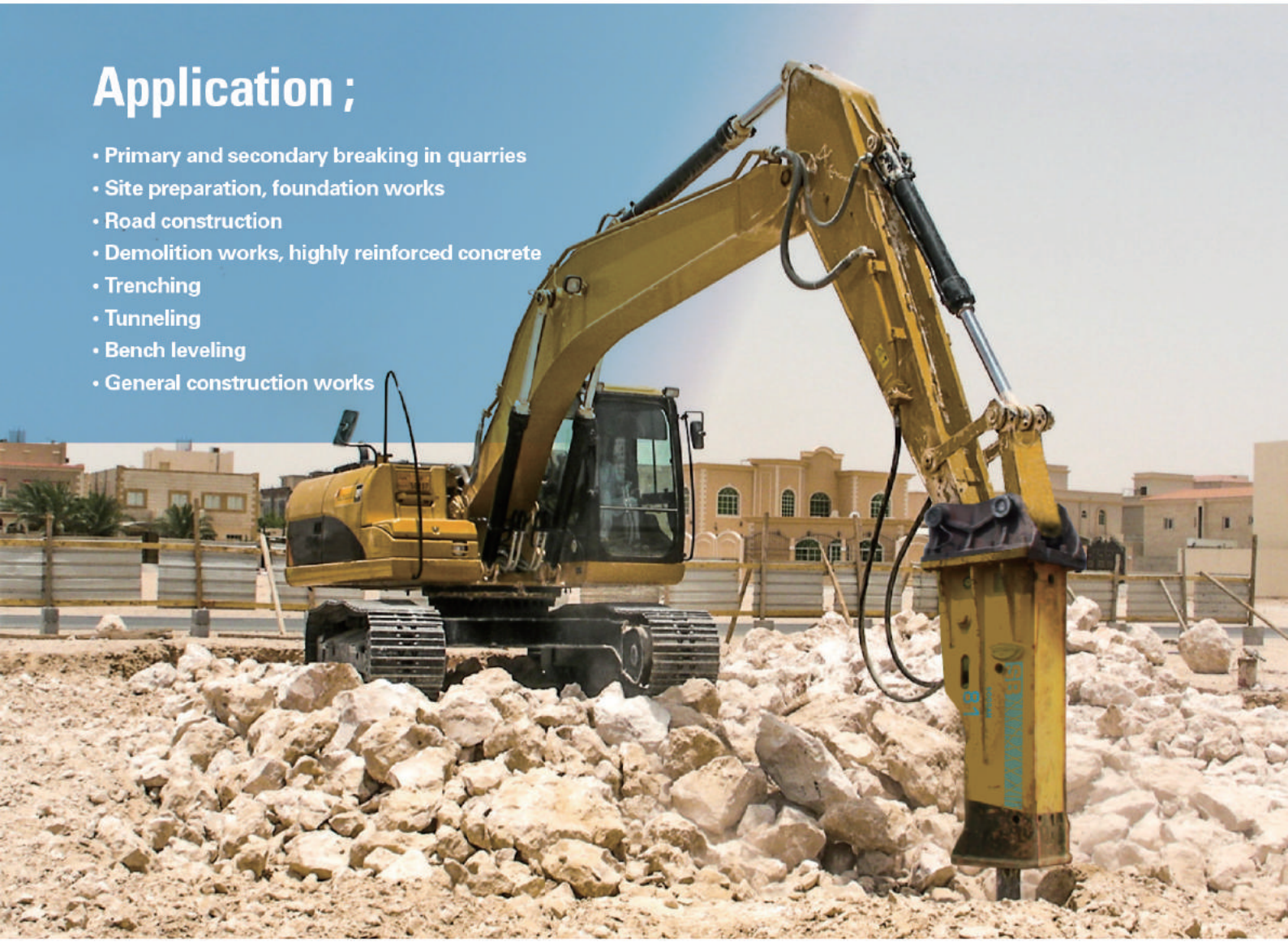






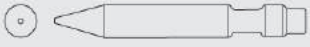
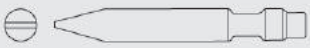
Application ;

- Primary and secondary breaking in quarries
- Site preparation, foundation works
- Road construction
- Demolition works, highly reinforced concrete
- Trenching
- Tunneling
- Bench leveling
- General construction works

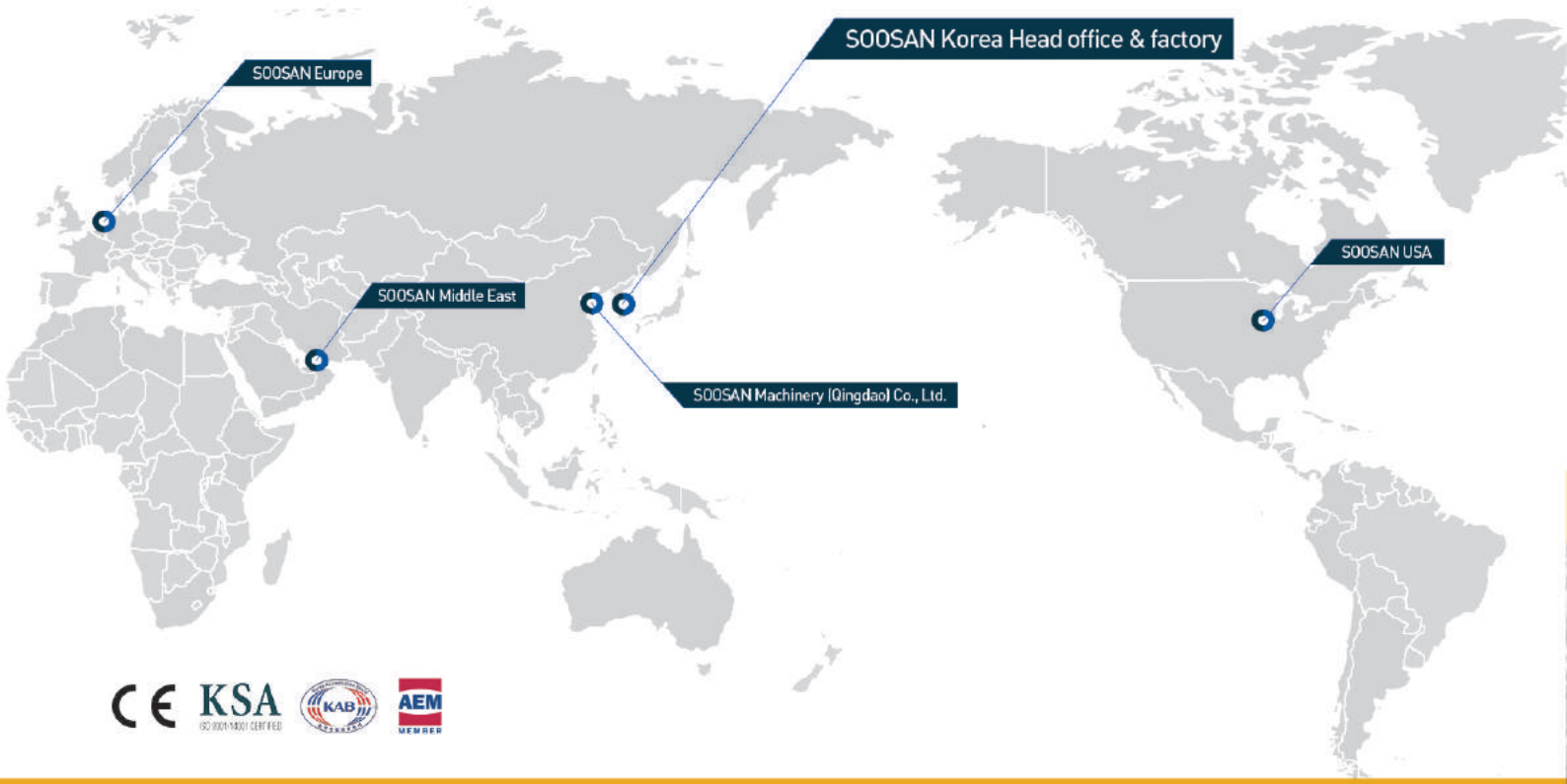


SOOSAN chisel selection

Thanks to strictly selected raw materials and advanced heat treatment system, we provide you with the most suitable and durable chisels for our breakers to be used on various applications such as trenching, demolition, road construction, quarrying, mining and etc.

Chisel type		Application
Moil point type		Standard chisel for multi-purpose, general use
Universal type		General demolition work : Masonry, concrete, etc
V-Wedge type		Straight cutting work : Trenching, benching, asphalt, concrete, etc.
H-Wedge type		Cross cutting work : Trenching, asphalt, concrete, etc
Flat type		Impact breaking : Primary and secondary rock breaking, etc

SOOSAN Global Network



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POWER CRANE SERIES
SOOSAN STIFF BOOMS TYPE

SOOSAN
HEAVY INDUSTRIES

Small Duty Range

SCS333

Lifting Capacity (kg | m)

SCS334

Lifting Capacity (kg | m)

SCS335

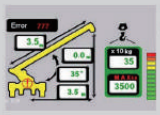
Lifting Capacity (kg | m)

Description		Unit	SCS 333	SCS 334	SCS 335
Capacity	Max. Lifting Capacity	ton·m	8.0	8.0	8.0
	Max. Lifting Height	m	9.6	11.9	14.2
	Max. Working Radius	m	7.4	9.7	12.1
	Max. Working Height	m	10.1	12.4	14.9
Boom	Type / Section		Penta / 3	Penta / 4	Hexa/5
	Boom Extension Speed	m / sec	4.4 / 14	6.6 / 14	8.68/23
	Boom Moving Up and Down Speed	° / sec	1~80 / 9		
Winch	Winch Hauling Speed	m / min (Layer/Line)	17 (4/4)		
	Wire Rope	ø mm / m	ø 8 × 80m [6xFi(29)IWRC]		
Slewing	Turning Angle		Consecutively turn 360°		
	Turning Speed	rpm	2		
	Turning Method		Driven by the hydraulic motor and speed is reduced by the gear		
Outrigger	Type	Front	Horizontally and manually extracted and retracted		
		Rear	Optional item		
	Width	m	4.09		
Hydraulic System	Rated Flow Rate	ℓ / min	50		
	Rated Pressure	kgf / cm²	210		
Oil Tank Capacity		ℓ	50		
Applicable truck Chassis (Payload)		ton	4.5~8.0		
Option	Bucket (FRP 850 * 1200 : 150kgs)		•	•	•
	Bucket (Metalic 850 * 1400 : 180kgs)		•	•	•
	AML		•	•	•
	Overloading Prevention Device		•	•	•
	Overwinding Prevention Device		•	•	•
	Overwinding Alarm Device		•	•	•
	Single Line Hook (800kgf)		•	•	•
	Outrigger (Rear - Manual)		•	•	•
	Outrigger (Rear - Hydraulic)		•	•	•
	Winch Guide Roller		•	•	•
Safety Devices	Pressure relief valve for hydraulic circuit, Overcenter valve, Hydraulic swing locking system, Automatic mechanical brake for winch, Pilot check valve for outriggers, Hook safety latch, Boom angle indicator with load indicator, Overwinding alarm system (Option), Overloading prevention device (Option)				

• The above specifications are subject to change without prior notice for improvement. • Bucket, Cabin : Provision of Bucket may require allowance by govern law

➤ Winch Guide Roller & Uncoiling Limiter

In order to avoid wire twisting, SOOSAN Stiff Booms crane provides Winch guide roller and Uncoiling Limiter. It more efficient way to maintain wire status and working stability.



➤ AML

Advanced AML(Load Moment Limiter) that monitors and controls crane working conditions including the state of a lifted load to ensure safer operation.

➤ Remote Control

Wireless remote controller as an option, it makes crane operation more efficient, remote control can be used freely in any condition.

➤ Silenced & 2 Speed Aux. Winch

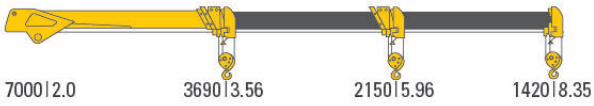
By choosing a silenced winch, operation noise is brought down to minimum level and more safety operation guarantees by Mechanical Auto Break. And 2 speed piston motor and planetary reduction gear allows safe operation, as well as high precision operation.

SOOSAN CRANE BENEFIT The Maximum Lightening Technology of Boom Structure - High Safety(Minimized Overturn Rate)

Medium Duty Range

SCS523

Lifting Capacity (kg | m)



SCS524

Lifting Capacity (kg | m)

SCS525

Lifting Capacity (kg | m)

SCS526

Lifting Capacity (kg | m)

Description		Unit	SCS 523	SCS 524	SCS 525	SCS 526
Capacity	Max. Lifting Capacity	ton·m	14	14	14	14
	Max. Lifting Height	m (Aux. Boom)	10.8	13	15.5	17.8
	Max. Working Radius	m (Aux. Boom)	8.3	10.7	13.2	15.5
	Max. Working Height	m (Aux. Boom)	11.5	13.8	16.2	18.5
Boom	Type / Section		Hexa / 3	Hexa / 4	Hexa 5	Hexa 6
	Boom Extension Speed	m / sec	4.79 / 21	7.12 / 32	9.45 / 34.2	11.78 / 34.9
	Boom Moving Up and Down Speed	° / sec	1 ~ 78 / 14			
Winch	Winch Hauling Speed	m / min (Layer/Line)	10 (4/4)			
	Wire Rope	ø mm / m	ø8 x 70 [6 x Fi(29)IWRC]			
Slewing	Turning Angle		Consecutively turn 360°			
	Turning Speed	rpm	2			
	Turning Method		Driven by the hydraulic motor and speed is reduced by the gear			
Outrigger	Type	Front	Horizontally and manually extracted and retracted			
		Rear	Optional item			
	Width	m	3.8			
Hydraulic System	Rated Flow Rate	ℓ / min	60			
	Rated Pressure	kgf / cm²	210			
Oil Tank Capacity		ℓ	60			
Applicable truck Chassis (Payload)		ton	5.0~11.5			
Option	Bucket (FRP 850 * 1200 : 150kgs)		•	•	•	•
	Bucket (Metalic 850 * 1400 : 180kgs)		•	•	•	•
	AML		•	•	•	•
	Overloading Prevention Device		•	•	•	•
	Overwinding Prevention Device		•	•	•	•
	Overwinding Alarm Device		•	•	•	•
	Single Line Hook (800kgf)		•	•	•	•
	Outrigger (Rear - Manual)		•	•	•	•
	Outrigger (Rear - Hydraulic)		•	•	•	•
	Load Indicator		•	•	•	•
	Winch Guide Roller		•	•	•	•
Safety Devices	Pressure relief valve for hydraulic circuit, Overcenter valve, Hydraulic swing locking system, Automatic mechanical brake for winch, Pilot check valve for outriggers, Hook safety latch, Boom angle indicator with load indicator, Overwinding alarm system (Option), Overloading prevention device (Option)					

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➤ Over center & Honlding valves

Gentrified the over center valve and holding valve for smooth / safe operation when moving boom. Durability has been highly increased as well.

➤ Wireless, over-winding prevention system

SOOSAN wireless type over-winding prevention system offers smaller risk and convenient than ordinary wire type.

Medium Duty Range

SCS736

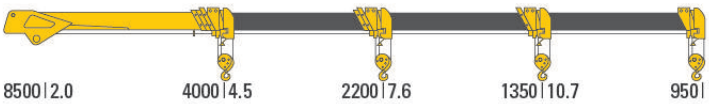
Lifting Capacity (kg | m)

SCS736LⅡ

Lifting Capacity (kg | m)

SCS744L

Lifting Capacity (kg | m)



SCS746L

Lifting Capacity (kg | m)

Description		Unit	SCS 736	SCS 736LⅡ	SCS 744L	SCS 746L
Capacity	Max. Lifting Capacity	ton·m	15.0	15.0	20	17.5
	Max. Lifting Height	m (Aux. Boom)	17.4 (22.4)	20.8 (25.8)	16.1	21.8 (26.8)
	Max. Working Radius	m (Aux. Boom)	15.4 (20.4)	18.8 (23.8)	13.8	19.6 (24.6)
	Max. Working Height	m (Aux. Boom)	18.1 (23.1)	21.5 (26.5)	16.9	22.6 (27.6)
Boom	Type / Section		Hexa / 6		Hexa / 4	Hexa / 6
	Boom Extension Speed	m / sec	11.78 / 30	14.5 / 30	7.36 / 16	15.1 / 33
	Boom Moving Up and Down Speed	° / sec	1~76 / 15		1~80 / 12	
Winch	Winch Hauling Speed	m / min (Layer/Line)	14 (4/4)			
	Wire Rope	ø mm / m	ø10 x 120m			
Slewing	Turning Angle		Consecutively turn 360°			
	Turning Speed	rpm	2			
	Turning Method		Driven by the hydraulic motor and speed is reduced by the gear			
Outrigger	Type	Front	Horizontally and manually extracted and retracted			
		Rear	Vertically, horizontally and automatically extracted and retracted			
	Width	m	5.35		5.6	
Hydraulic System	Rated Flow Rate	ℓ / min	65			
	Rated Pressure	kgf / cm²	210			
Oil Tank Capacity		ℓ	90		120	120
Applicable truck Chassis (Payload)		ton	5.0 and above		7.5 and above	
Option	Aux. Boom (3m, Single Section)		•	•	•	•
	Aux. Boom (5m, Double Section)		•	•	•	•
	Aux. Winch (2t, 1 Speed)		•	•	•	•
	Aux. Winch (2t, 2 Speed)		•	•	•	•
	Bucket (FRP 850 * 1200 : 150kgs)		•	•	•	•
	Bucket (Metalic 850 * 1400 : 180kgs)		•	•	•	•
	AML		•	•	•	•
	Top Seat		•	•	•	•
	Remote Control (Wireless)		•	•	•	•
	Overloading Prevention Device		•	•	•	•
	Overwinding Prevention Device		•	•	•	•
	Overwinding Alarm Device		•	•	•	•
	Single Line Hook (1500kgf)		•	•	•	•
	Single Line Hook (2000kgf)		•	•	•	
	Outrigger (Rear - Hydraulic)		•	•	•	•
	Oil Cooler		•	•	•	•
	Wire Rope Retaining Roller		•	•	•	•
	Winch Guide Roller		•	•		•

Safety Devices — Pressure relief valve for hydraulic circuit, Overcenter valve, Hydraulic swing locking system, Automatic mechanical brake for winch, Pilot check valve for outriggers, Hook safety latch, Boom angle indicator with load indicator, Overwinding alarm system (Option), Overloading prevention device (Option)

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- Bucket, Cabin : Provision of Bucket may require allowance by govern law

➤ Double derrick cylinders

Maximized derricking power by adopting double derrick cylinders and achived high operating efficiency by enabling the boom angle to 80 degrees.

➤ High efficient oil cooler

To prevent the over-heating due to fatal damages to hydraulic components, cooler runs automatically if the oil temperature reaches a preset maximum temperature.

SOOSAN CRANE BENEFIT High Stability and Reduced Sense of Fatigue For Crane Operator

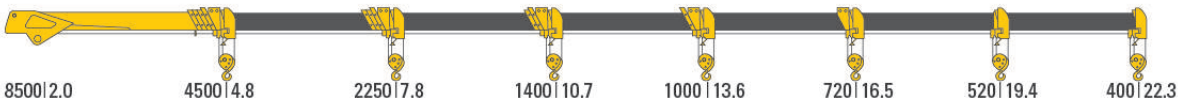
Medium Duty Range

SCS866LS
Lifting Capacity (kg | m)

SCS867LS
Lifting Capacity (kg | m)

SCS886
Lifting Capacity (kg | m)

SCS887
Lifting Capacity (kg | m)



Description		Unit	SCS 866LS	SCS 867LS	SCS 886	SCS 887
Capacity	Max. Lifting Capacity	ton·m	17.5	17.5	21	21
	Max. Lifting Height	m (Aux. Boom)	21.8 (26.8)	24.5 (29.5)	21.8 (26.8)	24.5 (29.5)
	Max. Working Radius	m (Aux. Boom)	19.6 (24.6)	22.3 (27.3)	19.6 (24.6)	22.3 (27.3)
	Max. Working Height	m (Aux. Boom)	22.6 (27.6)	25.2 (30.2)	22.6 (27.6)	25.2 (30.2)
Boom	Type / Section		Hexa / 6	Hexa / 7	Hexa / 6	Hexa / 7
	Boom Extension Speed	m / sec	15.1 / 33	17.5 / 36	15.1 / 33	17.5 / 36
	Boom Moving Up and Down Speed	° / sec	-16° ~ 79°/15			
Winch	Winch Hauling Speed	m / min (Layer/Line)	14 (4/4)			
	Wire Rope	ø mm / m	ø 10 × 120 mm			
Slewing	Turning Angle		Consecutively turn 360°			
	Turning Speed	rpm	1.8			
	Turning Method		Driven by the hydraulic motor and speed is reduced by the gear			
Outrigger	Type	Front	Horizontally and manually extracted and retracted			
		Rear	Vertically, horizontally and automatically extracted and retracted			
	Width	m	6			
Hydraulic System	Rated Flow Rate	ℓ / min	65			
	Rated Pressure	kgf / cm²	210			
Oil Tank Capacity		ℓ	170			
Applicable truck Chassis (Payload)		ton	7.5 and above			
Option	Aux. Boom (3m, Single Section)		•	•	•	•
	Aux. Boom (5m, Double Section)		•	•	•	•
	Aux. Winch (2t, 1 Speed)		•	•	•	•
	Aux. Winch (2t, 2 Speed)		•	•	•	•
	Aux. Winch (2.5t, Standard (2 Speed))				•	•
	Auger D450		•	•	•	•
	Bucket (FRP 850 * 1200 : 150kgs)		•	•	•	•
	Bucket (Metalic 850 * 1400 : 180kgs)		•	•	•	•
	Top Seat		•	•	•	•
	Remote Control (Wireless)		•	•	•	•
	AML		•	•	•	•
	Overloading Prevention Device		•	•	•	•
	Overwinding Prevention Device		•	•	•	•
	Overwinding Alarm Device		•	•	•	•
	Single Line Hook (1500kgf)		•	•	•	•
	Outrigger (Rear - Hydraulic)		•	•	•	•
	Oil Cooler		•	•	•	•
	Winch Guide Roller		•	•	•	•

Safety Devices

Pressure relief valve for hydraulic circuit, Overcenter valve, Hydraulic swing locking system, Automatic mechanical brake for winch, Pilot check valve for outriggers, Hook safety latch, Boom angle indicator with load indicator, Overwinding alarm system (Option), Overloading prevention device (Option)

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➤ Reinforced body frame

The swing post has been reinforced to allow safe operation. Square box type frame structure gives durability and hardness.

➤ Canopy for Top-Seat

During working outside, SOOSAN Top-Seat Canopy gives perfect sun protect and pleasant working condition. This option is available for all SOOSAN Top-Seat model with simple installation.

Heavy Duty Range

SCS1015F4
Lifting Capacity (kg | m)

SCS1015F4L
Lifting Capacity (kg | m)

SCS1224LS
Lifting Capacity (kg | m)

SCS1215LS
Lifting Capacity (kg | m)

Description		Unit	SCS 1015F4	SCS 1015F4L	SCS 1224LS	SCS 1215LS
Capacity	Max. Lifting Capacity	ton·m	30	30	36	36
	Max. Lifting Height	m (Aux. Boom)	19.5	23.6	19.3	23
	Max. Working Radius	m (Aux. Boom)	17.3	20.7	16.9	20.7
	Max. Working Height	m (Aux. Boom)	20	24.4	20.3	24.5
Boom	Type / Section		HEXA / 5	Hexa / 5	HEXA / 4	Hexa / 5
	Boom Extension Speed	m / sec	12.6 / 40	15.1 / 40	15.1 / 40	15.1 / 40
	Boom Moving Up and Down Speed	° / sec	0~76 / 23	1~81 / 20	1~80 / 15	0~81 / 20
Winch	Winch Hauling Speed	m / min (Layer/Line)	13~23 (4/4)		13~23 (4/4)	
	Wire Rope	ø mm / m	ø 14 x 100m		ø14 x 120m	
Slewing	Turning Angle		Consecutively turn 360°			
	Turning Speed	rpm	2		2	2
	Turning Method		Driven by the hydraulic motor and speed is reduced by the gear			
Outrigger	Type	Front	Vertically, horizontally and automatically extracted and retracted			
		Rear	Vertically, horizontally and automatically extracted and retracted (Double box type)			
	Width	m	6.18		6.18	
Hydraulic System	Rated Flow Rate	ℓ / min	100 x 100			
	Rated Pressure	kgf / cm²	210			
Oil Tank Capacity		ℓ	250		270	
Applicable truck Chassis (Payload)		ton	11.0 and above		11.0 and above	
Option	Aux. Boom (4m, Single Section)		•	•		
	Aux. Boom (5m, Single Section)				•	•
	Aux. Winch (3.8t, 2 Speed)		•	•	•	•
	Aux. Winch (4t, 2 Speed)		•	•		•
	Aux. Winch (4.4t, 2 Speed)		•	•	•	•
	Aux. Winch (Special Edition)				•	•
	Bucket (FRP 850 * 1200 : 150kgs)		•	•	•	•
	Bucket (Metalic 850 * 1400 : 180kgs)		•	•	•	•
	Top Seat				•	•
	Remote Control (Wireless)		•	•	•	•
	AML		•	•	•	•
	Overloading Prevention Device		•	•	•	•
	Overwinding Prevention Device		•	•	•	•
	Overwinding Alarm Device		•	•	•	•
	Single Line Hook (2000kgf)		•	•	•	•
	Outrigger (Rear - Hydraulic)		•	•	•	•
	Outrigger (Middle)			•	•	•
	Oil Cooler		•	•	•	•
Safety Devices			Pressure relief valve for hydraulic circuit, Overcenter valve, Hydraulic swing locking system, Automatic mechanical brake for winch, Pilot check valve for outriggers, Hook safety latch, Boom angle indicator with load indicator, Overwinding alarm system (Option), Overloading prevention device (Option)			

- The above specifications are subject to change without prior notice for improvement.
- Bucket, Cabin : Provision of Bucket may require allowance by govern law

➤ High efficient dual oil cooler

A large sized dual oil cooler maximizes hydraulic operating efficiently.

➤ High quality return filter

An efficient return filter purifies returned oil and maintains clean hydraulic system.

SOOSAN CRANE BENEFIT High Quality Main Components for Durability

Heavy Duty Range

SCS1516S
Lifting Capacity (kg | m)

SCS1616
Lifting Capacity (kg | m)

SCS2026
Lifting Capacity (kg | m)

Description		Unit	SCS1516S	SCS 1616	SCS 2026
Capacity	Max. Lifting Capacity	ton·m	47	53.8	65.0
	Max. Lifting Height	m (Aux. Boom)	27.5	30.1 (35.1)	32.2 (37.2)
	Max. Working Radius	m (Aux. Boom)	25	27.2 (32.1)	30.2 (35.2)
	Max. Working Height	m (Aux. Boom)	28.5	31.1 (36.1)	33.7 (38.7)
Boom	Type / Section		HEXA 6	HEXA / 6	
	Boom Extension Speed	m / sec	19/62	20.4 / 45	21.5 / 55
	Boom Moving Up and Down Speed	° / sec	-13~80°/40	-12~ + 80 / 40	-11~ + 80 / 30
Winch	Winch Hauling Speed	m / min (Layer/Line)	7~12 (4/4)	9.2~16 (4/4)	
	Wire Rope	ø mm / m	ø14 x 120m	ø14 x 120m	
Slewing	Turning Angle		Consecutively turn 360°		
	Turning Speed	rpm	1.8	2.0	2.0
	Turning Method		Driven by the hydraulic motor and speed is reduced by the gear		
Outrigger	Type	Front	Vertically, horizontally and automatically extracted and retracted		
		Rear	Vertically, horizontally and automatically extracted and retracted (Double box type)		
	Width	m	6.5	7.8	
Hydraulic System	Rated Flow Rate	ℓ / min	100 x 100		
	Rated Pressure	kgf / cm²	220	210	
Oil Tank Capacity		ℓ	250	270	
Applicable truck Chassis (Payload)		ton	Above 14ton	15.0 and above (2 front axial)	25.0 and above (2 front axial)
Option	Aux. Boom (4m, Single Section)				
	Aux. Boom (5m, Single Section)		•	•	•
	Aux. Winch (3.8t, 2 Speed)		•	•	•
	Aux. Winch (4t, 2 Speed)				•
	Aux. Winch (4.4t, 2 Speed)		•	•	•
	Aux. Winch (Special Edition)		•	•	•
	Bucket (FRP 850 * 1200 : 150kgs)		•	•	•
	Bucket (Metalic 850 * 1400 : 180kgs)		•	•	•
	Top Seat		•	•	•
	Remote Control (Wireless)		•	•	•
	AML		•	•	•
	Overloading Prevention Device		•	•	•
	Overwinding Prevention Device		•	•	•
	Overwinding Alarm Device		•	•	•
	Single Line Hook (2000kgf)		•	•	•
	Outrigger (Rear - Hydraulic)		•	•	•
	Outrigger (Middle)		•	•	•
	Oil Cooler		•	•	•
Safety Devices	Pressure relief valve for hydraulic circuit, Overcenter valve, Hydraulic swing locking system, Automatic mechanical brake for winch, Pilot check valve for outriggers, Hook safety latch, Boom angle indicator with load indicator, Overwinding alarm system (Option), Overloading prevention device (Option)				

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- Bucket, Cabin : Provision of Bucket may require allowance by govern law

➤ High efficient slewing reduction gear

Heavy-duty slew bearing and high-performance planetary reduction gear increases work efficiency by giving smooth and fact operation.

➤ Optimized design

The optimum design through load-stress distribution simulation is analyzed by finite element method. It shows the finest performance in any environment with an excellent lifting capacity and working radius.

SOOSAN Stiff Booms Type Crane

MULTIPURPOSE SOOSAN CRANE

Auger Crane

Crane for Vessel

Stationary Crane

Construction Site

Port Support Service

Crane for Oil Field

Applications and Features

Providing time-saving, cost-effective and reliable load handling solutions for construction and civil engineering, factory, oil & gas field, logistics, military logistics, mining, port and shipyard, general transport, public utilities etc. Combination of stiff boom and winch with wire rope enables easy and efficient operation for material handling even in confined a work space Such as deep-underground, high-rise building, under bridges etc.

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