SHENRANE

Full Line of
Truck-Mounted Lifting Equipment

Manufacturer of Truck-Mounted Lifting Equipment

Provider of Truck-Mounted Lifting Solutions



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*Specifications subject to change without notice due to continuous product improvements.

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ABOUT US

Founded in 2004, SHENRANE is a nationally certified high-tech enterprise in China specializing in the R&D, manufacturing, and sales of truck-mounted lifting equipment. Leveraging integrated technical capabilities, SHENRANE provides customers with professional and customized lifting solutions. Operating two modern production bases spanning more than 98,000㎡, we have established a complete industrial chain to ensure end-to-end service excellence.

As Central China's pioneer in truck-mounted crane industry, SHENRANE holds national special-purpose vehicle production certification and China Compulsory Certification (CCC). Powered by continuously evolving technological DNA, SHENRANE is triple-certified as a National High-Tech Enterprise, Henan Provincial Specialized & Sophisticated enterprise, and Henan Sci-Tech Enterprise. SHENRANE leads the provincial "Henan Engineering Research Center for Multi-Section Boom Truck-Mounted Cranes", driving industry evolution towards industrialized, energy-efficient, and standardized solutions.

Addressing critical challenges in high-speed rail electrification, SHENRANE pioneered breakthrough innovations: Intelligent H-beam Lifting Trucks, Multi-Functional Elevated Integrated Work Platforms and Versatile Cantilever Installation Engineering Vehicles. These purpose-built systems have revolutionized more than 30,000km of track construction across Beijing-Shanghai, Shijiazhuang-Wuhan, and Guiyang-Guangzhou rail corridors, accelerating China's high-speed rail development with engineering excellence.

SHENRANE products have reached 23 countries and regions worldwide, with the strategic focus along the Belt and Road corridors. We have established localized service networks across key markets including Russia, Central Asia, and Southeast Asia, driving continuous growth in our global recognition.

Guided by our vision, "From Lifting Loads, To Elevating Life", We dedicate ourselves to delivering comprehensive truck-mounted lifting solutions engineered for all operating conditions, full lifecycle value, and end-to-end value chain excellence.



SQS80(3.5T)/SQS100(4T)
Straight Boom Truck-mounted Cranes



SQS80



SQS100

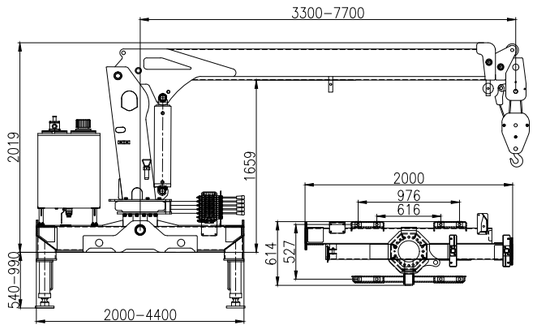
Key Features

-Optimized for Light-Duty Trucks
Recommended mounting on light-duty truck chassis. 5.9m turning radius for superior mobility in width-limited spaces (e.g., historic districts/narrow alleys).

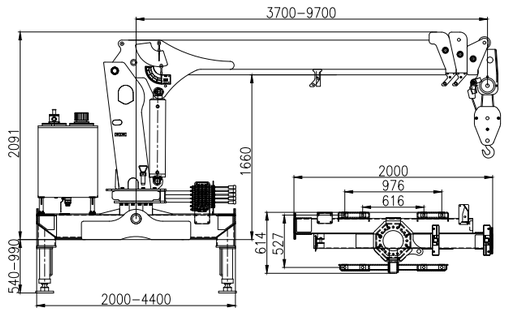
-Tri-Directional Operation Flexibility
3-position controls (cab/rear/side) enable full coverage operation. Pre-drilled interfaces at boom tip for rapid personnel basket attachment. Optional wireless remote control allows single-operator multitasking.

-Multi-Scenario Applications:
Landscaping, municipal maintenance, building services, retail logistics.

Dimensions



SQS80



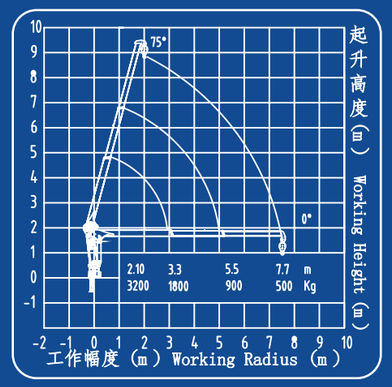
SQS100

Technical Specifications

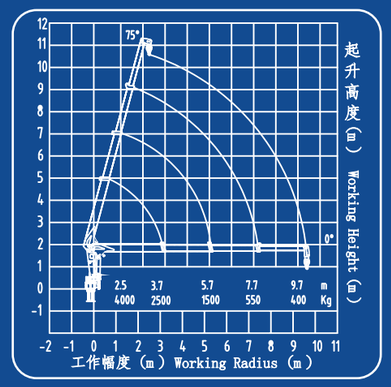
No.	Item	Unit	SQS80	SQS100
1	Max. Lifting Mass	kg	3200	4000
2	Max. Lifting Moment	t·m	8	10
3	Max. Working Radius	m	7.7	9.7
4	Max. Lifting Height	m	9.8	11.5
5	Max. Luffing Angle	°	75	75
6	Slewing Angle	°	360	360
7	Boom Sections	section	3	4
8	Basic Boom Working Radius	mm	3300	3700
9	Front Outrigger Span*	mm	2000-4400	2000-4400
10	Rear Outrigger Span*	mm	1920	1920
11	Min. Installation Clearance	mm	614	614
12	Recommended Power Input	kW	14	14
13	System Rated Flow	L/min	32	40
14	System Rated Pressure	Mpa	16	18
15	Hydraulic Oil Tank Capacity	L	60	60
16	Machine Weight**	kg	1229	1632

*Edge-to-edge length of outriggers
**Crane unit only (excluding rear outriggers & accessories)

Load Moment Diagram



SQS80



SQS100

Load Chart

SQS80 Lifting Capacity Specifications			
Working Radius (m)	Max. Lifting Load at Different Boom Lengths (kg)		
	3. 30m	5. 50m	7. 70m
2. 50	3200	2000	1500
3. 00	2450	1800	1400
3. 30	1800	1600	1300
4. 00		1400	1200
4. 50		1200	1100
5. 00		1000	1000
5. 50		900	900
6. 00			800
6. 50			700
7. 00			600
7. 70			500
Rec. Reeving	4	2	2

SQS100 Lifting Capacity Specifications				
Working Radius (m)	Max. Lifting Load at Different Boom Lengths (kg)			
	3. 70m	5. 70m	7. 70m	9. 70m
2. 50	4000	2500	1500	
3. 00	3000	2000	1400	950
3. 70	2500	1900	1300	900
4. 00		1800	1200	850
4. 50		1700	1100	800
5. 00		1600	1000	750
5. 70		1500	900	700
6. 00			800	650
6. 50			700	600
7. 00			600	550
7. 70			550	500
8. 00				460
8. 50				440
9. 00				420
9. 70				400
Rec. Reeving	4	2	2	2

SQS125(5T)/SQS158(6.3T)/SQS175(7T)
Straight Boom Truck-mounted Cranes



SQS125 SQS158 SQS175

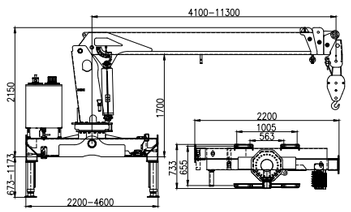
Key Features

-It is recommended to use the model SQS125/158/175 equipped with a single-axle chassis featuring a short wheelbase. The operating radius covers 11 to 14 meters, combining flexible loading/unloading with efficient transport.

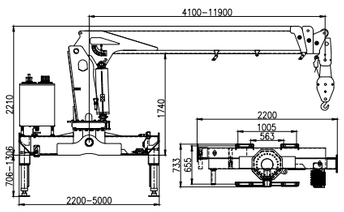
-The overall vehicle purchase cost is more economical, and fuel consumption per 100 kilometers is lower.

-Whether for short-haul logistics or township construction projects, SQS125/ 158/175 demonstrates strong adaptability to various terrains, making it the prime choice for light-to-medium duty operations. SQS125/158/175 is widely applied in construction scenarios such as landscaping, material lifting, warehouse loading/unloading, and municipal maintenance.

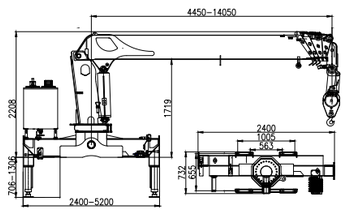
Dimensions



SQS125



SQS158



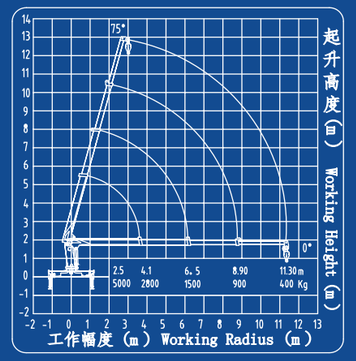
SQS175

Technical Specifications

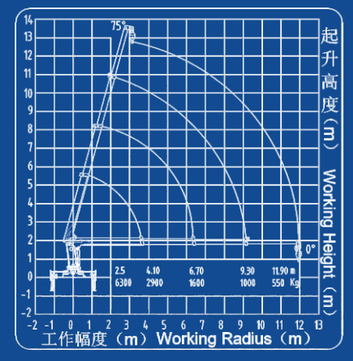
No.	Item	Unit	SQS125	SQS158	SQS175
1	Max. Lifting Mass	kg	5000	6300	7000
2	Max. Lifting Moment	t·m	12.5	15.8	17.5
3	Max. Working Radius	m	11.3	11.9	14.05
4	Max. Lifting Height	m	13.2	13.7	15.8
5	Max. Luffing Angle	°	75	75	75
6	Slewing Angle	°	360	360	360
7	Boom Sections	section	4	4	5
8	Basic Boom Working Radius	mm	4100	4100	4450
9	Front Outrigger Span*	mm	2200-4600	2200-5000	2400-5200
10	Rear Outrigger Span*	mm	2300-3300	2300-3300	2300-3300
11	Min. Installation Clearance	mm	733	733	733
12	Recommended Power Input	kW	18	20	20
13	System Rated Flow	L/min	40	50	63
14	System Rated Pressure	Mpa	18	20	20
15	Hydraulic Oil Tank Capacity	L	80	80	80
16	Machine Weight**	kg	2130	2340	2680

*Edge-to-edge length of outriggers
**Crane unit only (excluding rear outriggers & accessories)

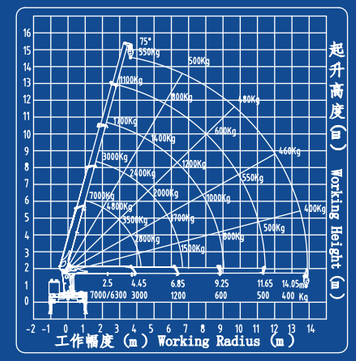
Load Moment Diagram



SQS125



SQS158



SQS175

Load Chart

SQS125 Lifting Capacity Specifications

Working Radius (m)	Max. Lifting Load at Different Boom Lengths (kg)			
	4. 10m	6. 5m	8. 90m	11. 30m
2. 50	5000	2800		
3. 00	4250	2600	1700	
3. 50	3500	2400	1600	1100
4. 10	2800	2200	1500	1000
4. 50		2000	1400	900
5. 00		1850	1300	800
5. 50		1700	1200	700
6. 00		1550	1150	670
6. 50		1500	1100	640
7. 00			1050	610
7. 50			1000	580
8. 00			950	550
8. 50			900	520
8. 90			800	490
9. 50				460
10. 00				420
10. 50				410
11. 30				400
Rec. Reeving	6	4	2	2

SQS158 Lifting Capacity Specifications

Working Radius (m)	Max. Lifting Load at Different Boom Lengths (kg)			
	4. 1m	6. 70m	9. 30m	11. 90m
2. 50	6300	3000		
3. 00	4100	2900	1600	
3. 50	2900	2760	1500	1300
4. 10	2800	2510	1420	1200
4. 50		2280	1380	1100
5. 00		2030	1340	1000
5. 50		1880	1305	900
6. 00		1600	1270	880
6. 70		1400	1230	855
7. 00			1195	835
7. 50			1155	810
8. 00			1120	785
8. 50			1085	760
9. 00			1000	735
9. 30			900	710
10. 00				685
10. 50				660
11. 00				635
11. 50				600
11. 90				550
Rec. Reeving	6	4	2	2

SQS175 Lifting Capacity Specifications

Working Radius (m)	Max. Lifting Load at Different Boom Lengths (kg)				
	4. 45m	6. 85m	9. 25m	11. 65m	14. 05m
2. 50	7000	2800			
3. 00	6000	2600	1700		
3. 50	5000	2400	1600	1100	550
4. 00	4000	2200	1500	1000	540
4. 50	3000	2000	1400	900	530
5. 00		1850	1300	800	520
5. 50		1700	1200	780	510
6. 00		1550	1150	760	500
6. 50		1500	1100	740	490
7. 00		1200	1050	720	480
7. 50			1000	700	470
8. 00			950	680	460
8. 50			900	660	455
9. 00			800	640	450
9. 25			600	600	445
10. 00				560	440
10. 50				540	435
11. 00				520	430
11. 65				500	425
12. 00					420
12. 50					415
13. 00					410
13. 50					405
14. 05					400
Rec. Reeving	6	4	2	2	2

SQS200(8T)/SQS250(10T)
Straight Boom Truck-mounted Cranes



SQS200-5



SQS250

Key Features

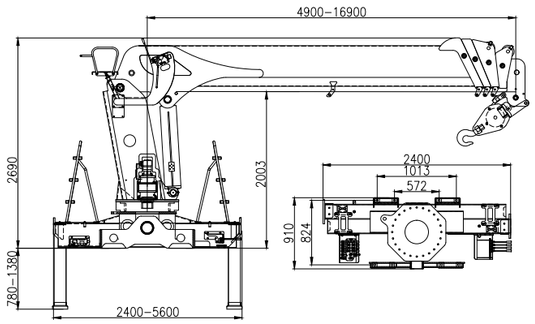
-It is recommended to use the model SQS200/250 equipped with a medium-to-long wheelbase, single-axle (4×2) chassis, featuring a cargo bed length exceeding 6 meters.

-The crane boom utilizes a high-strength steel, U-shaped cross-section, straight-arm design, which significantly enhances bending and torsional resistance. With its 6-section boom version, SQS200/250 achieves a maximum working radius of 20 meters.

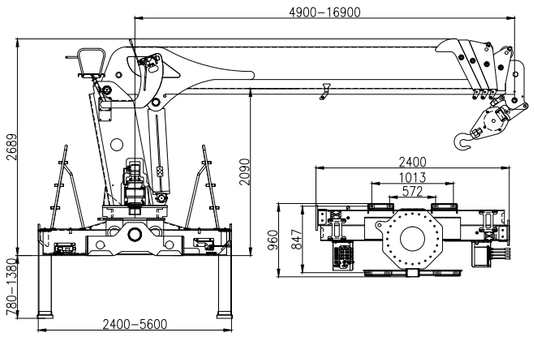
-A tandem pump hydraulic system delivers robust power for smoother combined operations. A sensitive proportional control valve provides exceptional operational responsiveness and fine control, enabling precise manipulation of heavy loads. Standard equipment includes a temperature-controlled radiator and an automatic hook retraction device.

-SQS200/250 excels in delivering a balanced and exceptional combination of transport efficiency, lifting capacity, and mobility, making it a versatile performer in the truck-mounted crane industry. Its powerful lifting performance meets diverse common operational needs and is widely applied in scenarios such as construction material handling on job sites, power facility installation, machinery relocation, rescue operations, landscaping, and pipeline installation.

Dimensions



SQS200-5



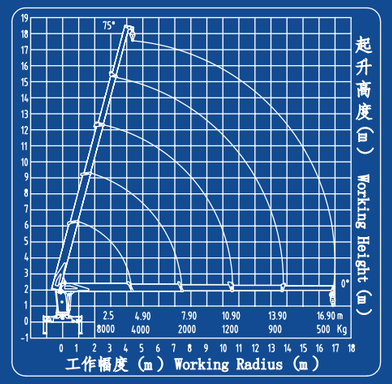
SQS250

Technical Specifications

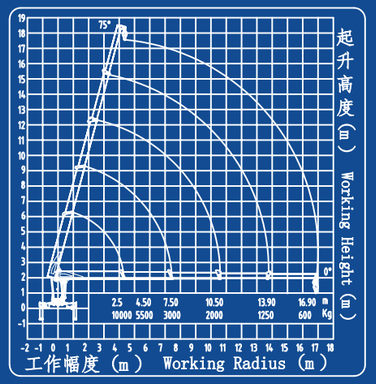
No.	Item	Unit	SQS200-5/6	SQS250
1	Max. Lifting Mass	kg	8000	10000
2	Max. Lifting Moment	t·m	20	25
3	Max. Working Radius	m	16.9/19.8	16.9
4	Max. Lifting Height	m	18.9/21.7	18.9
5	Max. Luffing Angle	°	75	75
6	Slewing Angle	°	360	360
7	Boom Sections	section	5/6	5
8	Basic Boom Working Radius	mm	4900/5300	4900
9	Front Outrigger Span*	mm	2400-5600	2400-5600
10	Rear Outrigger Span*	mm	2400-3700	2400-3700
11	Min. Installation Clearance	mm	910	910
12	Recommended Power Input	kW	27	30
13	System Rated Flow	L/min	63(50/40)	63(50/40)
14	System Rated Pressure	Mpa	25	25
15	Hydraulic Oil Tank Capacity	L	130	160
16	Machine Weight**	kg	4100/4500	4400

*Edge-to-edge length of outriggers
**Crane unit only (excluding rear outriggers & accessories)

Load Moment Diagram



SQS200-5



SQS250

Load Chart

SQS200-5 Lifting Capacity Specifications

Working Radius (m)	Max. Lifting Load at Different Boom Lengths (kg)				
	4.9m	7.9m	10.9m	13.9m	16.9m
2.50	8000				
3.00	7200	6000	5000		
3.50	6200	5300	4500	4000	
4.00	4900	4500	4000	3900	2800
5.00	3900	3600	3200	3100	2000
5.50		3300	2800	2700	1700
6.50		2600	2400	2200	1300
7.50		2000	1900	1700	1220
8.00		2000	1850	1600	1185
8.50			1650	1500	1145
9.50			1400	1300	1070
10.50			1200	1100	995
11.00			1200	1075	955
11.50				1050	920
12.50				1000	840
13.50				950	765
13.90				900	730
14.50					690
15.50					615
16.50					570
16.90					500
Rec. Reeving	6	4	4	4	4

SQS250 Lifting Capacity Specifications

Working Radius (m)	Max. Lifting Load at Different Boom Lengths (kg)				
	4.9m	7.5m	10.5m	13.9m	16.9m
2.50	10000	6500			
3.00	8800	6100	5000		
3.50	7600	5900	4700	3600	
4.00	6500	5400	4400	3500	2500
4.50	5500	4800	4100	3250	2400
5.00		4500	3800	3050	2300
5.50		4100	3650	2900	2200
6.50		3500	3150	2600	2000
7.00		3000	2950	2500	1900
7.50			2750	2400	1800
8.50			2400	2050	1600
9.50			2150	1850	1450
10.00			2000	1800	1400
10.50				1700	1350
11.50				1500	1250
12.50				1300	1150
13.00				1250	1100
13.50					1050
14.50					950
15.50					800
16.90					600
Rec. Reeving	6	4	4	4	4

SQS300(12T)/SQS350(14T)
Straight Boom Truck-mounted Cranes



SQS300-5



SQS350

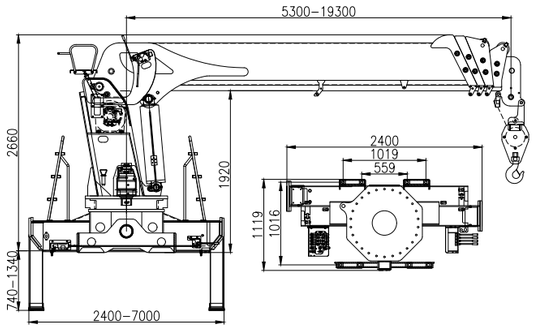
Key Features

-It is recommended to use the model SQS300/350 equipped with a 6×4 heavy-duty truck chassis, featuring an extended cargo bed length of 8500mm. This configuration delivers comprehensive upgrades in lifting capacity, load-bearing performance, and off-road capability.

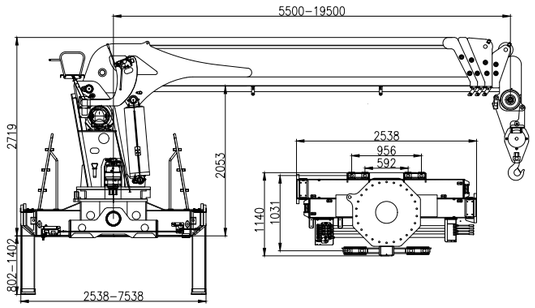
-The crane boom utilizes a high-strength steel, U-shaped cross-section, straight-arm design. With its 6-section boom version, SQS300/350 achieves a maximum working radius of 23 meters. Dual-cavity outriggers provide industry-leading stability with a span exceeding 7000mm. Standard equipment includes a tandem pump system, sensitive proportional valves, an intelligent temperature-controlled cooling system, and an automatic hook retraction device. Optional dual-slewing gearboxes + bent-axis piston motors enhance both operational precision and durability.

-Redefining the benchmark for efficient heavy-load material handling, SQS300/350 delivers superior lifting performance, a more stable work platform, and broader application versatility. SQS300/350 is exceptionally suited for demanding operations such as heavy machinery relocation, steel structure workshop construction, large-scale power facility installation, and transplanting oversized landscaping trees.

Dimensions



SQS300-5



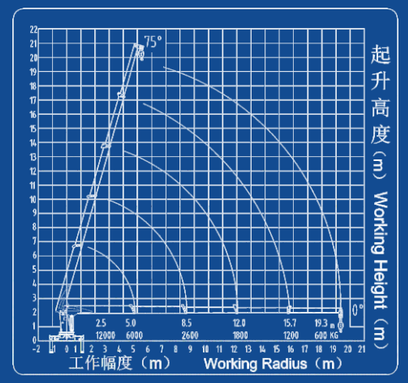
SQS350

Technical Specifications

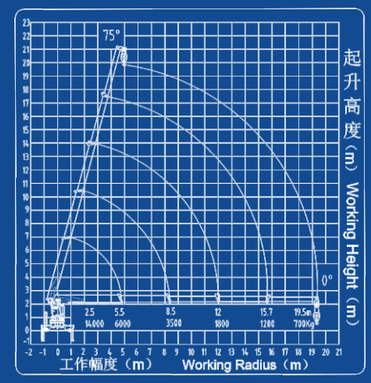
No.	Item	Unit	SQS300-5/6	SQS350
1	Max. Lifting Mass	kg	12000	14000
2	Max. Lifting Moment	t·m	30	35
3	Max. Working Radius	m	19.3/23	19.5
4	Max. Lifting Height	m	21.2/24.7	21.4
5	Max. Luffing Angle	°	75	75
6	Slewing Angle	°	360	360
7	Boom Sections	section	5/6	5
8	Basic Boom Working Radius	mm	5300/5400	5500
9	Front Outrigger Span*	mm	2400-7000	2538-7538
10	Rear Outrigger Span*	mm	2400-4900	2400-4900
11	Min. Installation Clearance	mm	1016	1031
12	Recommended Power Input	kW	30	35
13	System Rated Flow	L/min	80(63/40)	80(63/50)
14	System Rated Pressure	Mpa	25	26
15	Hydraulic Oil Tank Capacity	L	180	210
16	Machine Weight**	kg	5000/5558	6136

*Edge-to-edge length of outriggers
**Crane unit only (excluding rear outriggers & accessories)

Load Moment Diagram



SQS300-5



SQS350

Load Chart

SQS300-5 Lifting Capacity Specifications

Working Radius (m)	Max. Lifting Load at Different Boom Lengths (kg)				
	5.3m	8.8m	12.3m	15.8m	19.3m
2.50	12000				
3.00	10700	7500			
4.00	7000	5800	5500		
5.00	6000	5200	5000	4000	
6.00		4300	3800	3750	3500
6.50		4000	3700	3650	3300
7.00		3700	3600	3550	3100
7.50		3300	3100	3000	2900
8.50		2600	2500	2300	2200
9.50			2200	2100	2000
10.50			2000	1900	1800
11.50			1850	1800	1650
12.00			1800	1700	1600
12.50				1600	1550
13.50				1480	1400
14.50				1350	1300
15.50				1250	1200
16.50					1000
17.50					800
18.50					700
19.30					600
Rec. Reeving	6	4	4	4	4

SQS350 Lifting Capacity Specifications

Working Radius (m)	Max. Lifting Load at Different Boom Lengths (kg)				
	5.5m	9m	12.5m	16m	19.5m
2.20	14000				
2.50	14000	9000			
3.00	12000	8000	6300		
3.50	11000	7000	5700	4600	
4.50	9000	5400	4900	3800	3700
5.50	6000	5000	4500	3600	3500
6.50		4500	4100	3400	3300
7.50		4100	3700	3200	3000
8.50		3700	3200	2900	2600
9.00		3500	3000	2800	2400
9.50			2800	2600	2200
10.50			2400	2200	1900
11.50			2000	1800	1700
12.00			1800	1700	1600
12.50				1600	1500
13.50				1400	1300
15.50				1200	1100
16.50					1000
17.50					900
18.50					800
19.50					700
Rec. Reeving	6	4	4	4	4

SQS400(16T)/SQS450(18T)/SQS500(20T)
Straight Boom Truck-mounted Cranes



SQS400



SQS450



SQS500

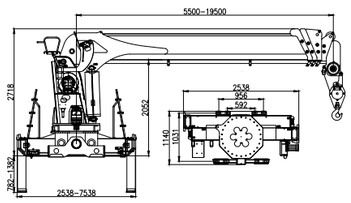
Key Features

-It is recommended to use the model SQS400/450/500 equipped with an 8×4 heavy-duty truck chassis, featuring an extendable cargo bed length of up to 8400mm. With superior lifting performance, ultimate stability, and professional-grade configurations, SQS400/450/500 serves as a core solution for scenarios like heavy-duty relocation and large-scale infrastructure construction.

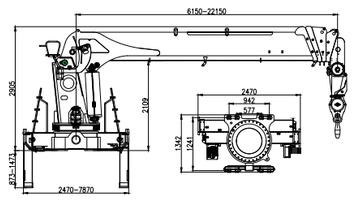
-The internal star hydraulic motor delivers robust torque output in low-speed conditions, with impact resistance improved by over 50%. Dual slewing gearboxes work in tandem for smoother torque delivery and more precise positioning control. Two-stage compound outriggers (span ≥ 7500mm) provide rigid support assurance in extreme working conditions. Dual tandem pumps + precision proportional valves + an intelligent temperature-controlled cooling system achieve precise flow distribution, ensuring both high operational efficiency and fine control.

-As strategic-grade equipment in the heavy-load sector, SQS400/450/500 empowers operations in extreme conditions such as wind turbine installation, petrochemical maintenance, and large precast component construction.

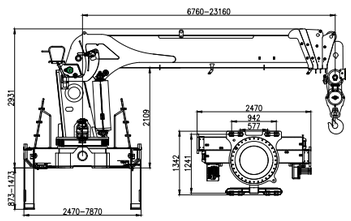
Dimensions



SQS400



SQS450



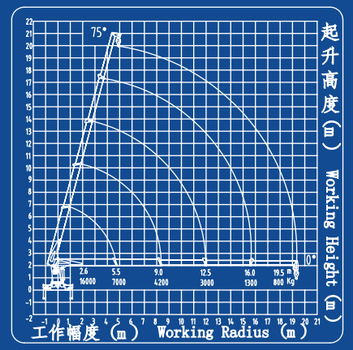
SQS500

Technical Specifications

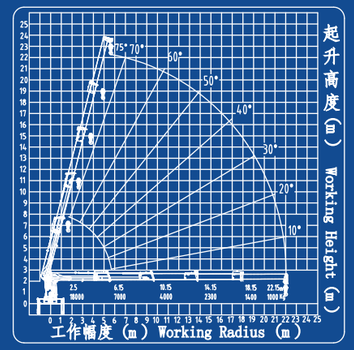
No.	Item	Unit	SQS400	SQS450	SQS500
1	Max. Lifting Mass	kg	16000	18000	20000
2	Max. Lifting Moment	t·m	40	45	50
3	Max. Working Radius	m	19.5	22.15	23.16
4	Max. Lifting Height	m	21.4	23.8	25
5	Max. Luffing Angle	°	75	75	75
6	Slewing Angle	°	360	360	360
7	Boom Sections	section	5	5	5
8	Basic Boom Working Radius	mm	5500	6150	6760
9	Front Outrigger Span*	mm	2538-7538	2470-7870	2470-7870
10	Rear Outrigger Span*	mm	2400-4900	2400-4900	2400-4900
11	Min. Installation Clearance	mm	1031	1241	1241
12	Recommended Power Input	kW	40	50	50
13	System Rated Flow	L/min	80 (63/50)	80 (80/40)	80 (80/40)
14	System Rated Pressure	Mpa	26	28	28
15	Hydraulic Oil Tank Capacity	L	260	300	300
16	Machine Weight**	kg	7080	7900	8980

*Edge-to-edge length of outriggers
**Crane unit only (excluding rear outriggers & accessories)

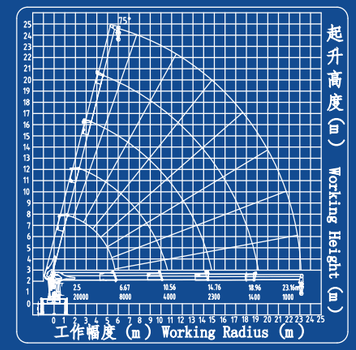
Load Moment Diagram



SQS400



SQS450



SQS500

Load Chart

SQS400 Lifting Capacity Specifications

Working Radius (m)	Max. Lifting Load at Different Boom Lengths (kg)				
	5.5m	9m	12.5m	16m	19.5m
2.20	16000				
2.50	16000	7000			
3.00	14000	6600	6200		
3.50	12000	6300	5590	4000	
4.50	10050	5940	5260	3840	3000
5.50	7000	5700	5200	3710	2880
6.50		5000	5090	3580	2760
7.50		4540	4850	3310	2660
8.00		4400	4510	3120	2610
8.50		4200	4160	2970	2560
9.50			3610	2670	2470
11.50			3200	2460	2320
12.00			3130	2430	2240
12.50				2400	2110
13.50				2300	1860
14.50				2200	1600
16.00				2050	1300
16.50					1260
17.50					1170
18.50					1000
19.50					800
Rec. Reeving	6	4	4	4	4

SQS450 Lifting Capacity Specifications

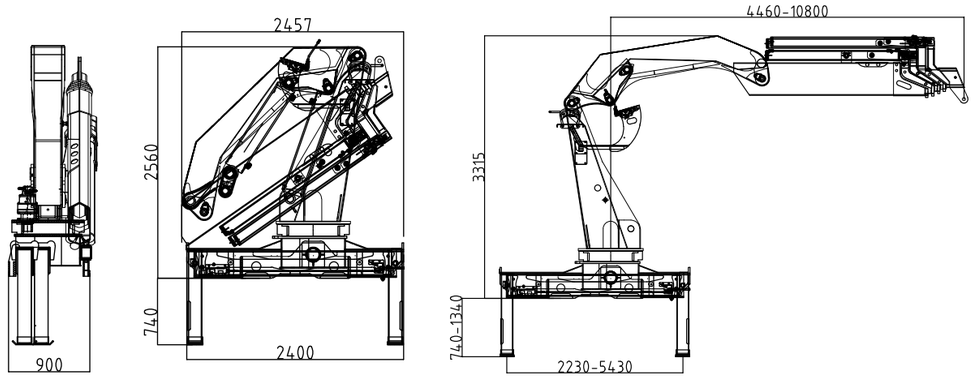
Working Radius (m)	Max. Lifting Load at Different Boom Lengths (kg)				
	6.15m	10.15m	14.15m	18.15m	22.15m
2.50	18000	14000			
3.00	17000	13000			
4.00	13000	10500	8000		
5.00	9000	8500	7000	5200	
6.15	7000	6500	6200	4400	4000
7.00		6000	5800	3800	3400
8.00		5500	4200	3300	2900
9.00		5000	3700	2980	2600
10.15		4000	3400	2680	2400
11.00			3100	2400	2200
12.00			2850	2200	2000
13.00			2650	2050	1820
14.15			2300	1920	1660
15.00				1800	1540
16.00				1700	1460
17.00				1600	1380
18.15				1400	1320
19.00					1250
20.00					1180
21.00					1130
22.15					1000
Rec. Reeving	6	4	4	4	4

SQS500 Lifting Capacity Specifications

Working Radius (m)	Max. Lifting Load at Different Boom Lengths (kg)				
	6.76m	10.96m	15.16m	19.36m	23.16m
2.50	20000	15000			
3.00	17000	13500			
4.00	12800	10500	8000		
5.00	10300	9000	6600	5200	
6.00	8500	7800	5600	4400	4000
7.00	8000	6500	4800	3800	3400
8.00		5400	4200	3300	2900
9.00		4600	3700	2980	2600
10.00		4200	3400	2680	2400
11.00		4000	3100	2400	2200
12.00			2850	2200	2000
13.00			2650	2050	1820
14.00			2450	1920	1660
15.00			2300	1800	1540
16.00				1700	1460
17.00				1600	1380
18.00				1500	1320
19.00				1400	1250
20.00					1180
21.00					1130
22.00					1070
23.00					1020
23.16					1000
Rec. Reeving	6	4	4	4	4

SQK250(10T)
Knuckle Boom Truck-mounted Cranes



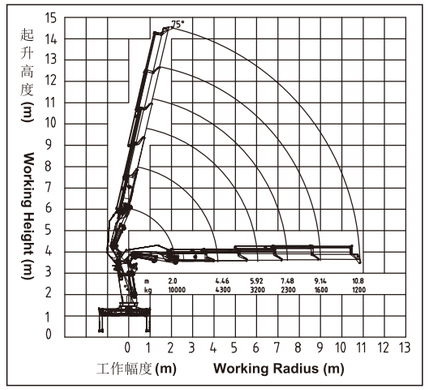


Load Chart

No.	Item	Unit	SQK250
1	Max. Lifting Mass	kg	10000
2	Max. Lifting Moment	t·m	20
3	Max. Working Radius	m	10.8
4	Slewing Angle	°	360
5	Min. Installation Clearance	mm	900
6	Outrigger Span*	mm	2400-5600
7	Recommended Power Input	kW	37
8	System Rated Flow	L/min	63
9	System Rated Pressure	Mpa	30
10	Hydraulic Oil Tank Capacity	L	200
11	Machine Weight**	kg	4000

*Edge-to-edge length of outriggers
**Crane unit only (excluding rear outriggers & accessories)

Load Moment Diagram



Railway Construction Cranes

We deliver rail-construction lifting solutions engineered for critical operational demands. Our products provide essential functionalities including:

- Narrow-gauge mobility for constrained track environments
- Zero-turn maneuvering in confined workspaces
- Integrated locomotive deployment for coordinated operations







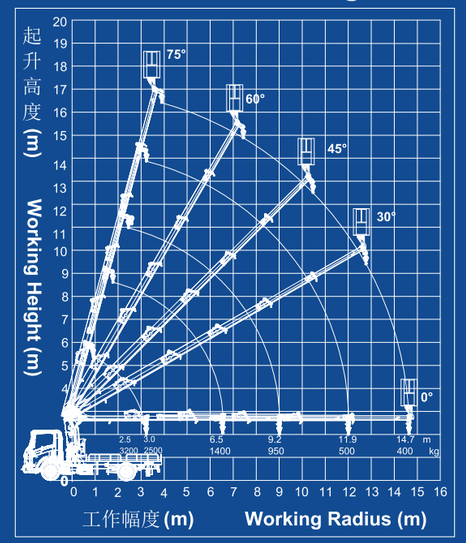
Multi-function Aerial Platforms SLG20



Load Chart

SLG20 Lifting Capacity Specifications					
Working Radius (m)	Max. Lifting Load at Different Boom Lengths (kg)				
	5. 2m	6. 5m	9. 2m	11. 9m	15. 7m
2. 50	3200	1400	950		
3. 00	2500	1200	900		
3. 50	1500	1000	850	500	
4. 00		900	800	490	400
4. 50		800	750	480	395
5. 00			700	470	390
5. 50			650	460	380
6. 00			600	450	370
6. 50			550	440	360
7. 00			500	430	350
7. 50				420	340
8. 00				410	330
8. 50				400	320
9. 00				390	310
9. 50				380	300
10. 00				370	290
10. 50					280
11. 00					270
11. 50					260
12. 00					250
12. 50					240
13. 00					230
13. 50					220
14. 00					210
14. 50					200

Load Moment Diagram



Truck Cranes



SQZ5A5

No.	Item	Unit	SQZ5A5
1	Max. Lifting Mass	kg	4000
2	Max. Lifting Height	m	23
3	Luffing Angle	°	0-80
4	Boom Sections	section	5
5	Outrigger Span*	mm	2050-4450
6	Compound Outrigger Span*	mm	2050-5650
7	Chassis Engine Power	HP	115/136/150
8	Overall Dimensions (L×W×H)	mm*mm*mm	5995*1900*2750
9	Wheelbase	mm	3600
10	Tire Specification		7.00R16
11	Gross Vehicle Weight	kg	4495

*Edge-to-edge length of outriggers



SQZ8A5

No.	Item	Unit	SQZ8A5
1	Max. Lifting Mass	kg	8000
2	Max. Lifting Height	m	32
3	Luffing Angle	°	0-80
4	Boom Sections	section	5
5	Outrigger Span*	mm	2200-5200
6	Compound Outrigger Span*	mm	2200-6200
7	Chassis Engine Power	HP	130
8	Overall Dimensions (L×W×H)	mm*mm*mm	9265*2250*3200
9	Wheelbase	mm	4000
10	Tire Specification		8.25R16
11	Gross Vehicle Weight	kg	11200

*Edge-to-edge length of outriggers



SQZ12A5

No.	Item	Unit	SQZ12A5
1	Max. Lifting Mass	kg	12000
2	Max. Lifting Height	m	35
3	Luffing Angle	°	(-10)-80
4	Boom Sections	section	5
5	Outrigger Span*	mm	2400-5400
6	Compound Outrigger Span*	mm	2400-7000
7	Chassis Engine Power	HP	200
8	Overall Dimensions (L×W×H)	mm*mm*mm	11120*2500*3400
9	Wheelbase	mm	4200-4500
10	Tire Specification		9.00R20
11	Gross Vehicle Weight	kg	18000

*Edge-to-edge length of outriggers



SQZ16A5

No.	Item	Unit	SQZ16A5
1	Max. Lifting Mass	kg	16000
2	Max. Lifting Height	m	38
3	Luffing Angle	°	(-10)-80
4	Boom Sections	section	5
5	Outrigger Span*	mm	2500-5500
6	Compound Outrigger Span*	mm	2500-7500
7	Chassis Engine Power	HP	240
8	Overall Dimensions (L×W×H)	mm*mm*mm	11300*2530*3580
9	Wheelbase	mm	4700-5000
10	Tire Specification		10.00R20
11	Gross Vehicle Weight	kg	21200

*Edge-to-edge length of outriggers

Marine Cranes

Based on the specific operational requirements of offshore lifting, we develop tailored solutions.



SQM200

No.	Item	Unit	SQM200
1	Max. Lifting Mass	kg	2000
2	Max. Working Radius	m	4
3	Max. Lifting Height	m	5.7
4	Max. Luffing Angle	°	(-19)-80
5	Slewing Angle	°	360
6	Boom Sections	section	3
7	Recommended Power Input	kW	11
8	System Rated Pressure	Mpa	19
9	Hydraulic Oil Tank Capacity	L	60
10	Machine Weight*	kg	878

*Crane unit only (excluding accessories)



SQM500

No.	Item	Unit	SQM500
1	Max. Lifting Mass	kg	5000
2	Max. Working Radius	m	10
3	Max. Lifting Height	m	11
4	Max. Luffing Angle	°	0-80
5	Slewing Angle	°	360
6	Boom Sections	section	2
7	Recommended Power Input	kW	15
8	System Rated Pressure	Mpa	17
9	Hydraulic Oil Tank Capacity	L	130
10	Machine Weight*	kg	2506

*Crane unit only (excluding accessories)



SQM630

No.	Item	Unit	SQM630
1	Max. Lifting Mass	kg	6300
2	Max. Working Radius	m	8.8
3	Max. Lifting Height	m	10
4	Max. Luffing Angle	°	0-75
5	Slewing Angle	°	360
6	Boom Sections	section	3
7	Recommended Power Input	kW	17
8	System Rated Pressure	Mpa	18
9	Hydraulic Oil Tank Capacity	L	80
10	Machine Weight*	kg	1595

*Crane unit only (excluding accessories)



SQM1600

No.	Item	Unit	SQM1600
1	Max. Lifting Mass	kg	16000
2	Max. Working Radius	m	32
3	Max. Lifting Height	m	34
4	Max. Luffing Angle	°	0-80
5	Slewing Angle	°	360
6	Boom Sections	section	5
7	Recommended Power Input	kW	40
8	System Rated Pressure	Mpa	18
9	Hydraulic Oil Tank Capacity	L	180
10	Machine Weight*	kg	5130

*Crane unit only (excluding accessories)