

The Focus. The Force.



 **HALOTEN**



HALOTEN

WWW.HALOTEN-GLOBAL.COM



CONSTRUCTION SOLUTION

01

COMPANY PROFILE



A core manufacturer in China's specialized vehicle sector. Since our founding in 2003, we have relentlessly focused on innovation and breakthroughs in truck-mounted crane technology.

In 2014, we revolutionized the industry by launching the world's first U-shape telescopic boom truck-mounted crane, igniting a technological transformation.

By 2017, we established a comprehensive product line spanning 3 to 20-ton lifting capacity and 3 to 5-section booms, engineered to meet the most demanding operational requirements. Our profound technical expertise and innovative gene have driven us to achieve an exceptional market share exceeding 20% in China.

Simultaneously, we expand our capabilities to deliver specialized solutions including eco-friendly & intelligent mining equipment, explosives charging vehicle, and underground explosives charging vehicle.

HALOTEN transcends manufacturing. Through continuous technological iteration and deep specialization, we are committed to becoming a global-leading provider of specialized automotive solutions, propelling the "Made in China" standard onto the world stage and crafting exceptional value for customers worldwide.



02

DEVELOPMENT HISTORY_____

2003-2025

■ **2003**

“HALOTEN Auto Parts Co., Ltd.” was established, specializing in supplying structural components for ZOOMLION.

■ **2010**

Named to be changed HALOTEN Machinery Co., Ltd. as NO.1 class supplier of ZOOMLION in HUNAN area.

■ **2013**

Strategically upgraded to HALOTEN Automotive Co., Ltd. Independently develop specialized vehicles and whole vehicles for lifting type and high-altitude operations type.

■ **2014**

Successfully launched the FIRST HALOTEN-branded truck-mounted crane of 7-ton, 4-section boom into the market.

■ **2015-2017**

Continuously expanded the truck-mounted crane portfolio with new models ranging from 3-ton to 20-ton lifting capacity and 3-section to 5-section booms.

■ **2018**

Forged a strategic partnership with CRRC, developing various specialized lifting equipment for CRRC.

■ **2019**

Acquiring the DAHOOM truck mounted crane technology team, which is renowned in the Middle East market; Cooperate with LIUGONG GLOBAL to provide overseas OEM service for truck mounted crane.

■ **2020**

Established TianHong Hydraulic Machinery Co., Ltd., a wholly-owned subsidiary. Focusing on the research and production of core hydraulic components such as hydraulic oil cylinders and central rotary joints.

■ **2022**

Expanded the product portfolio with the successful development and sale of PV (photovoltaic) cleaning equipment and logging grapples.

■ **2023**

Obtained necessary certifications for mining equipment and successfully entered the civil explosives equipment sector with initial sales.

■ **2024**

Achieved a significant milestone of over 8,000 truck-mounted crane deliveries since entering the segment, reinforcing market leadership.

■ **2025**

Actively expanding into global markets, with HALOTEN truck-mounted cranes now successfully exported to Central Asia, Russia, South America and so on.

03



“

**Continuously Innovating &
Deepening Expertise in the
Specialized Vehicle Sector.**

”

PRODUCT DETAILS



DUAL SWING DRIVE SYSTEM

Equipped with two independent swing drive devices. Enables free switching between single/double work modes via electric-hydraulic control, achieving low-speed operation under heavy loads and high-speed operation under light loads.



DUAL CYLINDER ACTIONFREELY SWITCHING SYSTEM

Freely select and control the immediate action of either cylinder, achieving the optimal boom working status and the boom's best load-bearing strength.



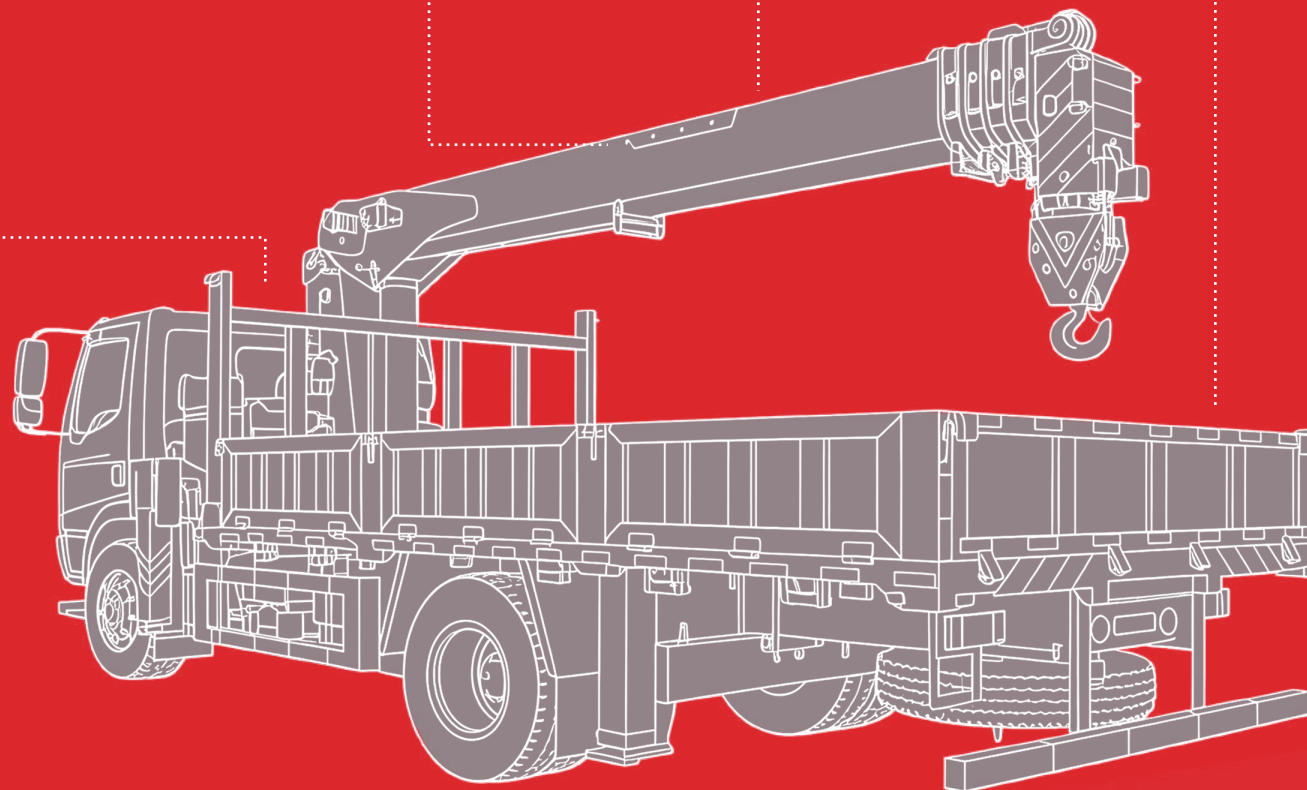
U-SHAPE TELESCOPE BOOM DESIGN

Reduces boom self-weight, enhances boom stiffness, provides excellent bending resistance, and improves telescoping guidance performance.



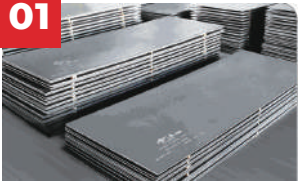
INTELLIGENT ALERT SYSTEM

Automatically triggers an alarming and simultaneously cuts off dangerous action when overload conditions occur in the working status.



CONFIGURATION HIGHLIGHT

01



HG70 High-Strength Steel

HG70 high-strength steel (strong, tough, easy to weld). Makes the crane lighter and stronger.

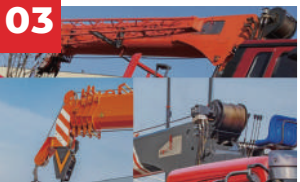
02



Four-Direction Flexible Shaft Control

Through an overturning device, it allows sensitive control of the main valve from any position. The push-pull flexible shaft eliminates dead point to ensure reliable fine movements. The sealed design fully protects the valve group and oil-way.

03



Auxiliary Winch | Hook | Boom

It has an adjustable angle function, allowing precise lifting through building windows. Improve working speed and save time.

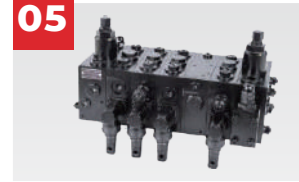
04



Dual-Stage Outriggers

Increases outrigger span for better roll stability. Improves lifting safety.

05



Dual-Pump Proportional System

Precisely controls flow for each movement. Easy achieve combined action. reducing energy consumption and boosting work efficiency.

06



Fifth Outrigger

Added below the cab. Greatly improves lifting stability.

07



Remote Control System

Uses a remote controller and load-sensing electric-hydraulic proportional valves, with secure coding. Allows single operator to handle all jobs easily.

01

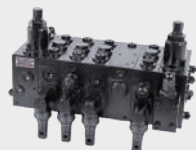
High Pressure
Gear Pump

**05**

Hydraulic Lock

**02**

Manual Direction
Valve

**06**

Central Rotary
Joint

**09**

Main Winch/
Auxiliary Winch

**03**

Electric-Hydraulic
Direction Valve

**07**

Rotary Reducer

**10**

Electric
System

**04**

Balance Valve

**08**

High Pressure
Filter

**11**

Oil Cylinder



CORE ACCESSORIES

04

TRUCK MOUNTED CRANE





HTS75

Truck Mounted Crane

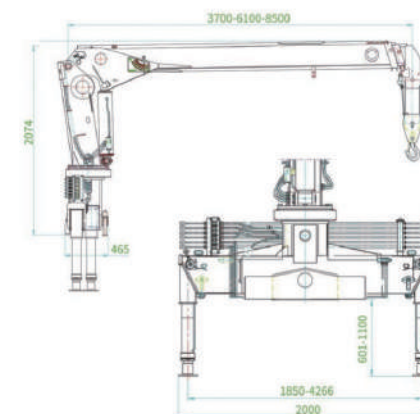
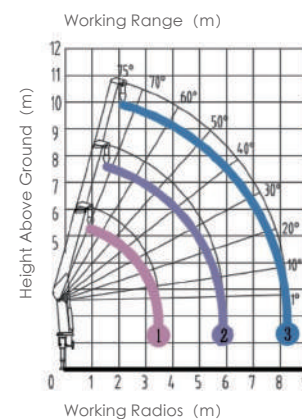
3 section boom



Rated Loads (kg)

KEY PARAMETER	PARAMETER VALUE
Rated Lifting Moment	75 KN.m
Rated Lifting Capacity	3000 Kg
Boom Length	3.7-8.5 m
Main Outrigger Span	4.26 m
Boom Section	3
Slewing Angle	360°
Max. Boom Elevating Angle	75°
System Rated Pressure	17.5 Mpa
System Rated Flow	40 L/min
Crane Weight	1390 Kg
Max. Lifting Height	10.62 m
Max. Working Radius	8.28m
Hydraulic Oil Tank Capacity	120 L

Working Radius(m)	2.4	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.3
1	3200	2510	2110										
2	3200	2510	2110	1820	1590	1400	1220	1040					
3	3200	2510	2110	1820	1590	1400	1220	1040	920	790	680	600	580





HTS125

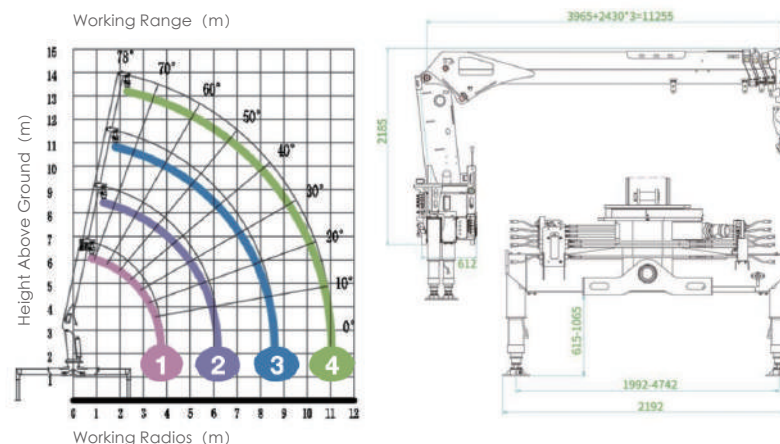
Truck Mounted Crane

4 section boom



Rated Loads (kg)

Working Radius(m)	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0
1	5000	4165	3520															
2	4500	4225	3580	3095	2720	420	2170	1965										
3	3790	3790	3605	3120	2745	2445	2200	1995	1765	1560	1395	1255	1140					
4	3470	3470	3470	3135	2760	2460	2215	2005	1775	1570	1400	1265	1150	1050	965	890	820	760



KEY PARAMETER	PARAMETER VALUE
Rated Lifting Moment	125 KN.m
Rated Lifting Capacity	5000 Kg
Boom Length	3.96-11.25 m
Main Outrigger Span	4.74 m
Boom Section	4
Slewing Angle	360°
Max. Boom Elevating Angle	75°
System Rated Pressure	21 Mpa
System Rated Flow	40 L/min
Crane Weight	2030 Kg
Max. Lifting Height	13.19 m
Max. Working Radius	11.03 m
Hydraulic Oil Tank Capacity	120 L



HTS180

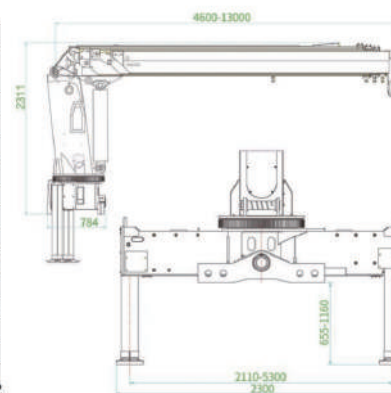
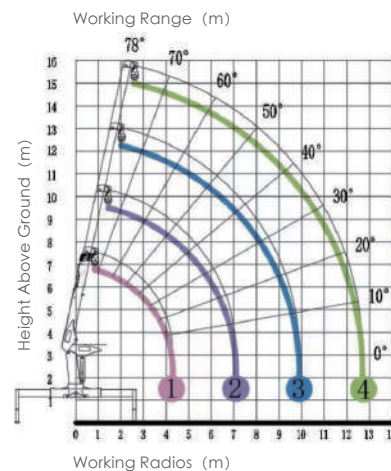
Truck Mounted Crane

4 section boom



Rated Loads (kg)

Working Radius(m)	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	12.6
1	7000	5755	4865	4195																		
2	4500	4500	4500	4270	3750	3335	2995	2715	2475	2270												
3	3790	3790	3790	3790	3585	3340	3030	2745	2505	2300	2080	1870	1690	1540	1410							
4		3470	3470	3470	3305	3065	2865	2700	2525	2320	2105	1895	1715	1560	1430	1315	1215	1130	1050	980	915	860



KEY PARAMETER	PARAMETER VALUE
Rated Lifting Moment	180 KN.m
Rated Lifting Capacity	7000 Kg
Boom Length	4.6-13.0 m
Main Outrigger Span	5.3 m
Boom Section	4
Slewing Angle	360°
Max. Boom Elevating Angle	75°
System Rated Pressure	21 Mpa
System Rated Flow	60 L/min
Crane Weight	2800 Kg
Max. Lifting Height	14.8 m
Max. Working Radius	12.6 m
Hydraulic Oil Tank Capacity	160 L



HTS200A

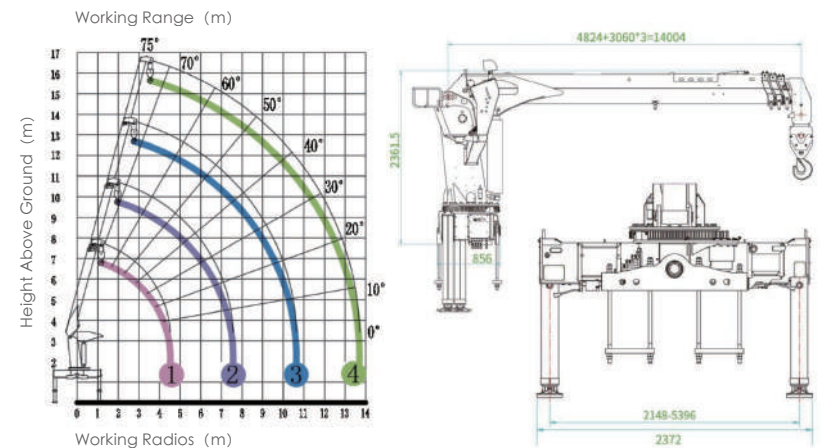
Truck Mounted Crane

4 section boom



Rated Loads (kg)

Working Radius(m)	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.7	
1	8000	6960	5885	5080																				
2	5260	5260	5260	5180	4555	4055	3645	3160	2740	2410	2140													
3	4200	4200	4200	4200	4095	3685	3215	2795	2480	2195	1975	1785	1630	1495	1375	1270								
4					3680	3680	3680	3570	3245	2820	2490	2220	2000	1815	1655	1520	1400	1295	1205	1120	1050	980	920	845



KEY PARAMETER

PARAMETER VALUE

Rated Lifting Moment	200 KN.m
Rated Lifting Capacity	8000 Kg
Boom Length	4.82-14.0 m
Main Outrigger Span	5.4 m
Boom Section	4
Slewing Angle	360°
Max. Boom Elevating Angle	75°
System Rated Pressure	23 Mpa
System Rated Flow	70 L/min
Crane Weight	2810 Kg
Max. Lifting Height	15.65 m
Max. Working Radius	13.7 m
Hydraulic Oil Tank Capacity	160 L



HTS200B

Truck Mounted Crane

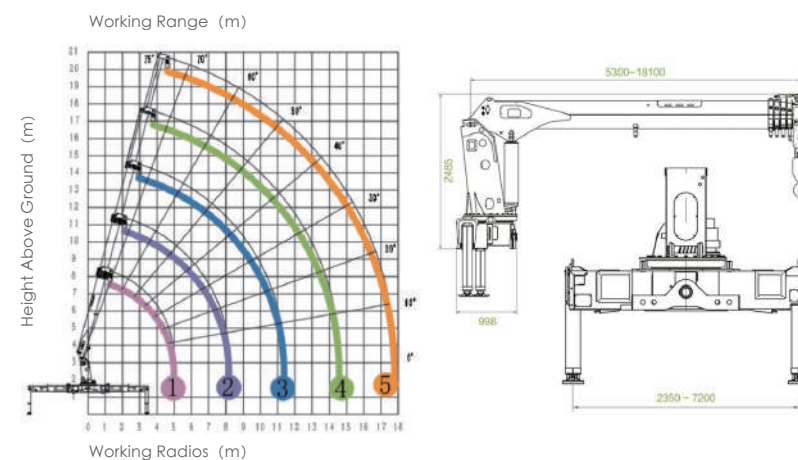
5 section boom



Rated Loads (kg)

KEY PARAMETER	PARAMETER VALUE
Rated Lifting Moment	200 KN.m
Rated Lifting Capacity	8000 Kg
Boom Length	5.3-18.1 m
Main Outrigger Span	7.2 m
Boom Section	5
Slewing Angle	360°
Max. Boom Elevating Angle	75°
System Rated Pressure	23 Mpa
System Rated Flow	70 L/min
Crane Weight	4200 Kg
Max. Lifting Height	19.88 m
Max. Working Radius	17.77 m
Hydraulic Oil Tank Capacity	160 L

Working Radius(m)	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	17.7	
1	8000	6660	5700	5000	4440	4000																			
2	6000	5700	5100	4500	4000	3550	3200	2900	2680	2480	2300	2120													
3		5200	4800	4250	3720	3340	2980	2750	2520	2300	2150	1970	1810	1720	1610	1520	1330								
4			3500	3400	3100	2800	2580	2340	2120	1980	1820	1680	1580	1500	1420	1340	1180	1020	900	800					
5					2540	2300	2100	1950	1800	1680	1560	1470	1380	1300	1250	1200	1080	980	880	820	750	680	600		





HTS250

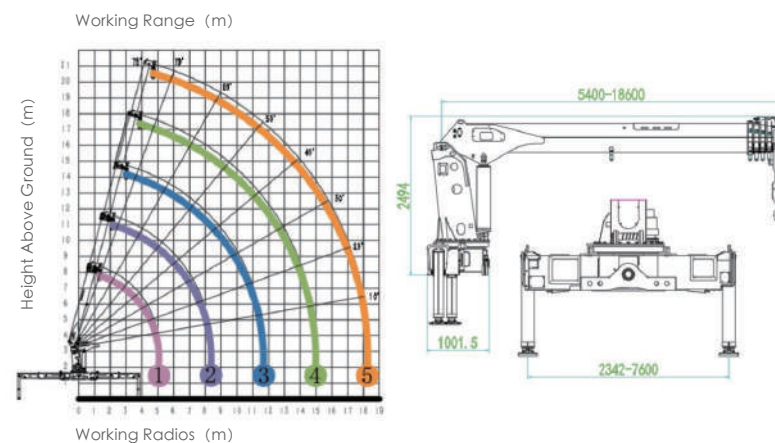
Truck Mounted Crane

5 section boom



Rated Loads (kg)

Working Radius(m)	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	18.27
1	10000	8000	6700	5800	5000	4500																			
2	6300	6300	5300	4700	4150	3750	3400	3100	2850	2650	2500	2350													
3			5200	5000	4350	3880	3500	3150	2900	2680	2480	2320	2100	2040	1920	1910	1720	1550							
4				3600	3500	3500	3400	3080	2820	2600	2400	2240	2100	1970	1850	1750	1660	1500	1370	1250	1150				
5						2540	2540	2540	2330	2150	2000	1880	1750	1640	1550	1470	1380	1250	1140	1050	960	880	800	730	670



KEY PARAMETER

PARAMETER VALUE

Rated Lifting Moment	250 KN.m
Rated Lifting Capacity	10000 Kg
Boom Length	5.4-18.6 m
Main Outrigger Span	7.6 m
Boom Section	5
Slewing Angle	360°
Max. Boom Elevating Angle	75°
System Rated Pressure	25 Mpa
System Rated Flow	70 L/min
Crane Weight	4450 Kg
Max. Lifting Height	20.3 m
Max. Working Radius	18.27 m
Hydraulic Oil Tank Capacity	200 L

HTS300A

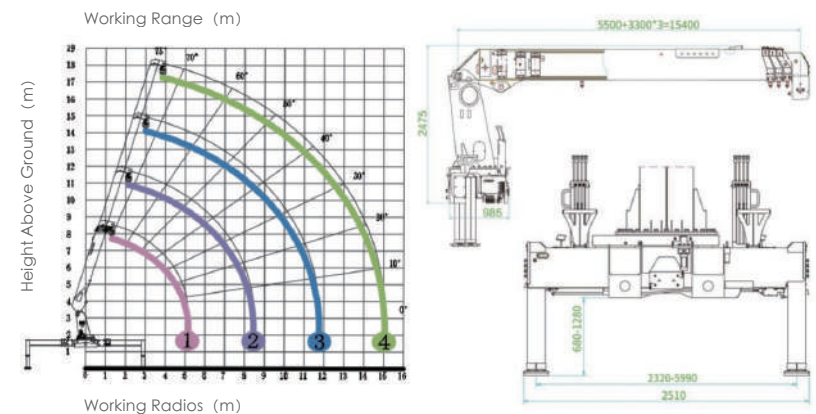
Truck Mounted Crane

4 section boom



Rated Loads (kg)

Working Radius(m)	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	11.0	12.0	13.0	14.0	15.0
1	12000	10300	9000	7940	7100	5950															
2	6650	6650	6650	6650	6050	5500	5050	4650	4300	3990	3620	3280									
3		5730	5730	5730	5350	4950	4550	4200	3890	3650	3400	3200	3000	2800	2590	2410	2100				
4				4200	4200	4200	3890	3650	3400	3150	2950	2800	2650	2500	2350	2200	1990	1800	1700	1500	1400



KEY PARAMETER	PARAMETER VALUE
Rated Lifting Moment	300 KN.m
Rated Lifting Capacity	12000 Kg
Boom Length	5.5-15.4 m
Main Outrigger Span	5.99 m
Boom Section	4
Slewing Angle	360°
Max. Boom Elevating Angle	75°
System Rated Pressure	23 Mpa
System Rated Flow	100 L/min
Crane Weight	3930 Kg
Max. Lifting Height	17.26 m
Max. Working Radius	15.0 m
Hydraulic Oil Tank Capacity	200 L

HTS300C

Truck Mounted Crane

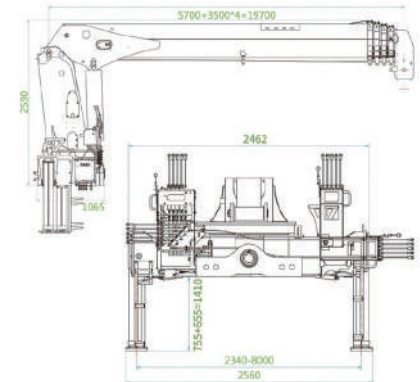
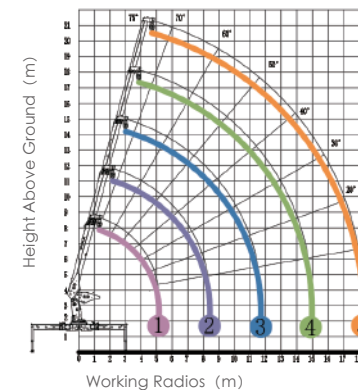
5 section boom



Rated Loads (kg)

Working Radius(m)	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.35	
1	12000	10000	8570	7500	6660	6000																				
2	7000	7000	7000	7000	6220	5600	5090	4680	4300	4000	3730	3500	3290													
3			5400	5400	5400	5400	4900	4500	4150	3850	3600	3370	3170	3000	2840	2700	2450	2250								
4				4500	4500	4500	4360	4000	3690	3420	3200	3000	2820	2660	2520	2400	2180	2000	1840	1710	1600					
5						3000	2720	2500	2300	2140	2000	1870	1760	1660	1570	1490	1390	1280	1180	1070	1000	930	860	800	700	

Working Range (m)



KEY PARAMETER	PARAMETER VALUE
Rated Lifting Moment	300 KN.m
Rated Lifting Capacity	12000 Kg
Boom Length	5.7-19.7 m
Main Outrigger Span	8.0 m
Boom Section	5
Slewing Angle	360°
Max. Boom Elevating Angle	75°
System Rated Pressure	24 Mpa
System Rated Flow	100 L/min
Crane Weight	5600 Kg
Max. Lifting Height	21.5 m
Max. Working Radius	19.35 m
Hydraulic Oil Tank Capacity	240 L

HTS350

Truck Mounted Crane



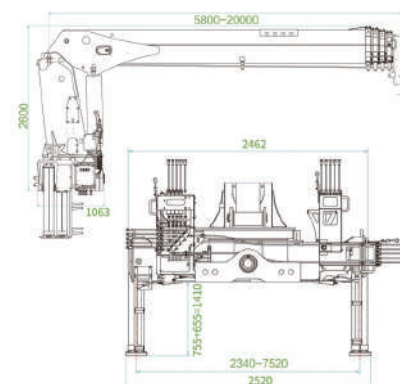
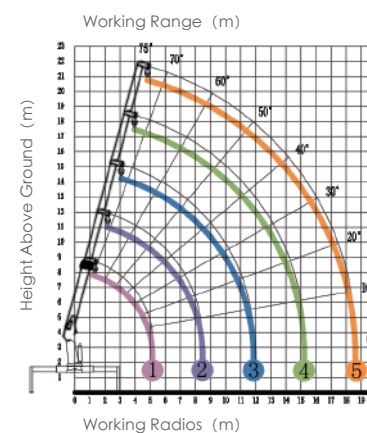
5 section boom



Rated Loads (kg)

KEY PARAMETER	PARAMETER VALUE
Rated Lifting Moment	350 KN.m
Rated Lifting Capacity	14000 Kg
Boom Length	5.8-20.0 m
Main Outrigger Span	7.52 m
Boom Section	5
Slewing Angle	360°
Max. Boom Elevating Angle	75°
System Rated Pressure	23 Mpa
System Rated Flow	100 L/min
Crane Weight	6020 Kg
Max. Lifting Height	21.7 m
Max. Working Radius	19.63 m
Hydraulic Oil Tank Capacity	200 L

Working Radius(m)	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
1	14000	11940	10080	8680	7610	6750																			
2	7100	7100	7100	7100	6650	5940	5360	4860	4430	4060	3740	3450													
3			5600	5600	5600	5600	5550	5050	4620	4280	3930	3640	3390	3160	2950	2560	2170								
4					4500	4500	4500	4500	4360	4030	3750	3480	3270	3060	2700	2300	1990	1730	1510	1340					
5							3200	3200	3200	3200	3200	3200	3200	3130	2770	2390	2070	1810	1590	1410	1260	1120	1010		



HTS400

Truck Mounted Crane

5 section boom

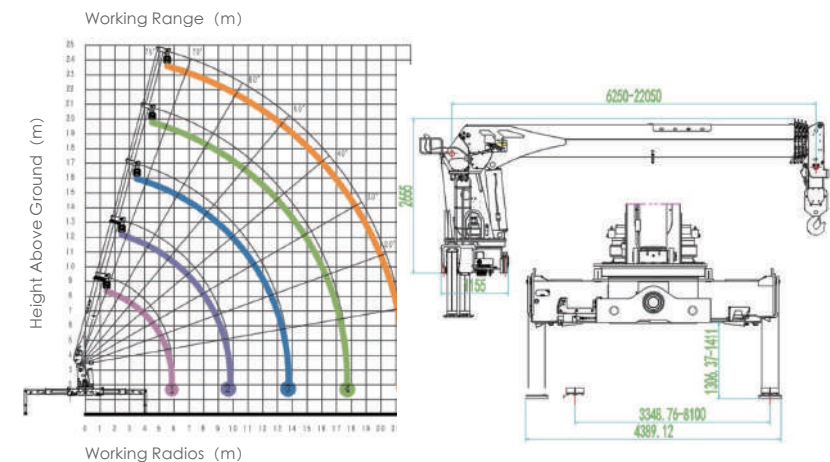


Rated Loads (kg)

Working Radius (m)	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	21.65
1	18000	14500	12570	11000	9750	8800	8000																					
2	7900	7900	7900	7900	7900	7350	6870	6450	6080	5730	5400	5200	4950	4730	4420													
3				6850	6850	6850	6240	5840	5500	5200	4920	4700	4500	4300	4130	3980	3880	3430	3150									
4						6120	5880	5300	4960	4680	4430	4200	4000	3840	3670	3530	3370	3050	2860	2700	2540	2380	2300					
5								4360	4300	4200	3850	3600	3490	3340	3200	2980	2750	2580	2430	2300	2170	2060	1960	1860	1750	1630	1400	



KEY PARAMETER	PARAMETER VALUE
Rated Lifting Moment	400 KN.m
Rated Lifting Capacity	16000 Kg
Boom Length	6.25-22.05 m
Main Outrigger Span	8.1 m
Boom Section	5
Slewing Angle	360°
Max. Boom Elevating Angle	75°
System Rated Pressure	24 Mpa
System Rated Flow	80 L/min
Crane Weight	6160 Kg
Max. Lifting Height	23.5 m
Max. Working Radius	21.65 m
Hydraulic Oil Tank Capacity	240 L





HTS540

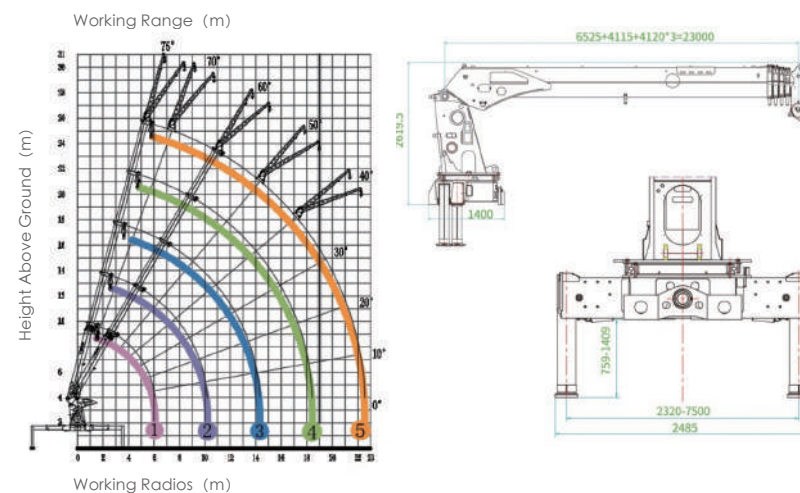
Truck Mounted Crane

5 section boom



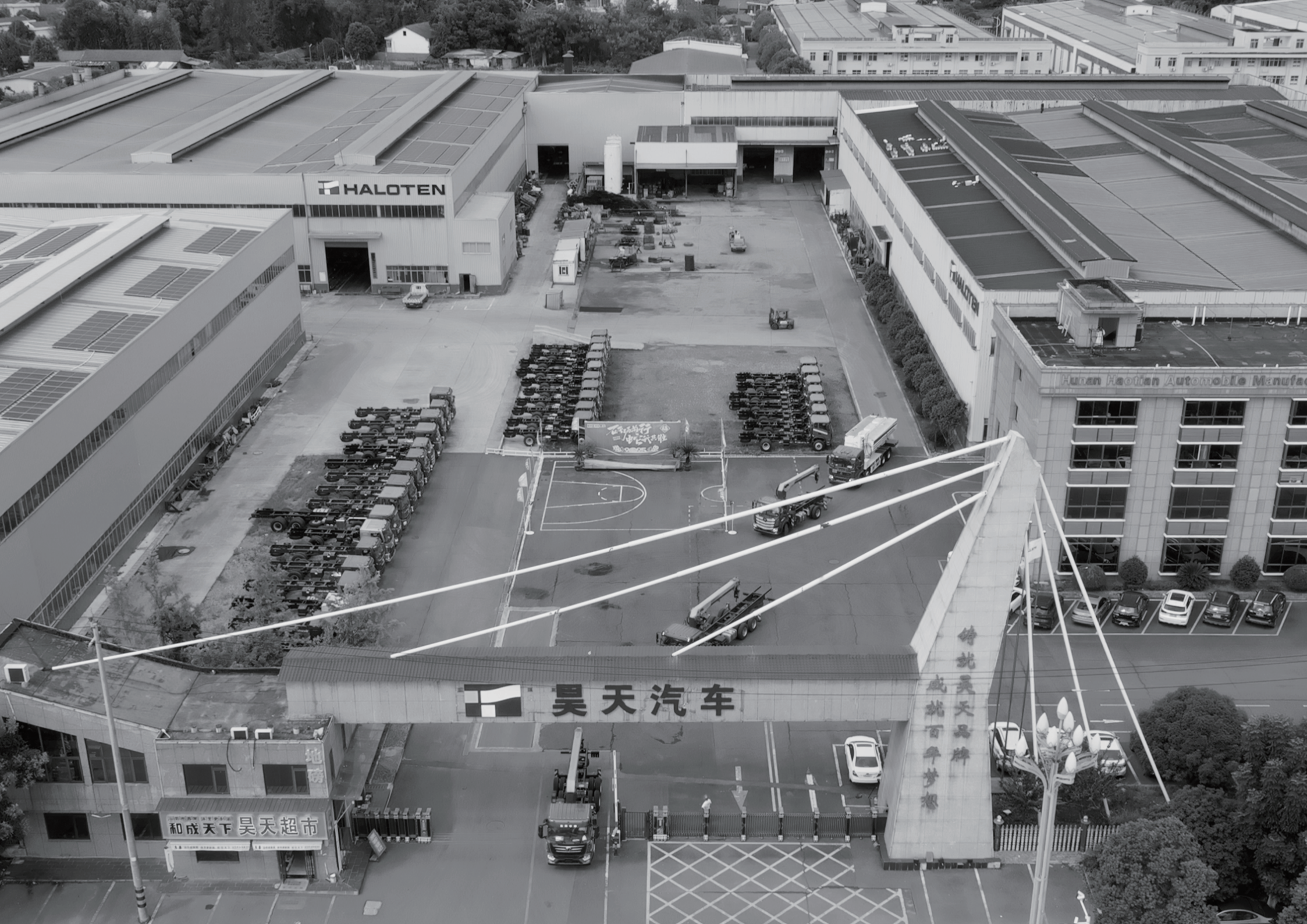
Rated Loads (kg)

Working Radius(m)	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	22.5	
1	20000	18000	15410	13000	10800	8500	7500	6100																						
2		7400	7200	7090	6750	6500	6350	6070	5680	5380	5090	4810	4550	4270	4000	3750														
3				5820	5820	5790	5670	5440	5240	4930	4680	4400	4170	3950	3750	3580	3170	2850	2590	2300										
4						4810	4810	4580	4450	4390	4200	4130	3930	3700	3560	3380	3110	2840	2690	2500	2240	1960	1730	1530						
5								3600	3500	3500	3450	3430	3330	3250	3140	3070	2890	2670	2470	2320	2140	2010	1890	1850	1470	1320	1180	1060		



KEY PARAMETER	PARAMETER VALUE
Rated Lifting Moment	540 KN.m
Rated Lifting Capacity	20000 Kg
Boom Length	6.5-23.0 m
Main Outrigger Span	7.5 m
Boom Section	5
Slewing Angle	360°
Max. Boom Elevating Angle	75°
System Rated Pressure	28 Mpa
System Rated Flow	120 L/min
Crane Weight	7160 Kg
Max. Lifting Height	25.02 m
Max. Working Radius	22.6 m
Hydraulic Oil Tank Capacity	240 L

**The Focus.
The Force.**



HALOTEN

Hunan Hailu Tian Automobile Manufacturing

昊天汽车

铸就昊天品牌
成就百年梦想

和成天下 昊天超市

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