



# HKTC Telescopic Boom Type Lorry Crane



# High value added **LORRY CRANE**

*Designed with dedicated efforts to become 1st player in lifting industry*

*To manufacture 'MASTERPIECE' crane HKTC thinks ahead to be perfect and leaps ahead to be customer-oriented, through the continuous field test.*

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#### **Durable boom & best performance**

All booms made by ATOS80 having high tensile strength are designed to maximize durability under the smooth & powerful performance.

#### **Stable & safe outriggers**

Outriggers having the maximum span can guarantee operation safety and protect truck and crane during the operation.

Main outriggers are optionally designed in slewing type, not to be damaged during the drive on sloping ground.





## Never stop evolving

To pioneer new way up to the invisible beyond customer's expectation, HKTC offers high-end cranes, which are new things to be seen and to be felt.

Roller bearing to slide outriggers is advantageous to cost effective maintenance and smooth movement of outriggers.



# Premier Performance

## Reliable, Durable, Maneuverable and Innovative Telescopic Truck-Mounted Crane

Designed to maximize capability, durability and convenience, starting from development stage.



### Boom Sliding Pad

By thin groove on pad surface, cost effectiveness for grease injection can be made.

### 3 Plating Galvanization

All components are fully galvanized to prevent rust.



### Over center valve

By high-quality over-center valve, durability is improved. Overload can be controlled by pressure switch.



### Hoist Winch

For safety, automatic mechanical brake is equipped and running noise is small.



### Over-hoisting prevention device

By wireless over-hoisting prevention device, it can prevent damage and breakdown of wire and reel.



### Top seat console

Optimally & ergonomically designed top seat console guarantees all day comfort to operator.



### Slewing reduction gear

For smooth but powerful operation, hydraulic internal brake and worm reduction gear are equipped.



### Wire separation prevention device

It guarantees 3 full turns of wire rope to remain on winch drum, to prevent wire from being separated.



### Main outrigger

180° slewing type of main outriggers help protect against damage during the drive.

Manufactured in compliance  
with the highest standards  
in design, durability and safety,  
HKTC cranes ensure optimized  
performance.



Loading Capacity m / kg

**HLC 3015S**



**HLC 5013M**



**HLC 7016S**



**HLC 7016L**



**HLC 8016S**



**HLC 8026S**



**HLC 8027S**



**HLC 10015S**



\* According to Boom section adjustment and optional item application, variant models can be available.

\* The last alphabet on model code can be changed, according to variant models.

## Telescopic boom type lorry crane

		HLC-3015S	HLC-5013M	HLC-7016S	HLC-7016L	HLC-8016S	HLC-8026S	HLC-8027S	HLC-10015S
<b>Lifting Capacity</b>		7.7 ton.m	11.0 ton.m	15.5 ton.m	15.5 ton.m	18.0 ton.m	18.0 ton.m	18.0 ton.m	36 ton.m
		3.2 ton / 2.5m	5.0 ton / 2.0 m	6.0 ton / 2.4 m	7.0 ton / 2.0 m	7.0 ton / 2.4 m	7.0 ton / 2.4 m	7.0 ton / 2.4 m	10.0 ton / 3.0 m
<b>Section-wise rated Capacity</b>	<b>1st</b>	2,390 kg / 3.4 m	3,200 kg / 3.3 m	4,060 kg / 3.9 m	3,405 kg / 4.5 m	3,935 kg / 4.7 m	3,935 kg / 4.7 m	3,740 kg / 5.0 m	6,000 kg / 5.9 m
	<b>2nd</b>	1,280 kg / 5.6 m	1,850 kg / 5.7 m	2,210 kg / 6.4 m	1,670 kg / 7.5 m	2,080 kg / 7.7 m	2,080 kg / 7.7 m	2,060 kg / 7.9 m	3,100 kg / 9.7 m
	<b>3rd</b>	850 kg / 7.8 m	1,200 kg / 8.1 m	1,495 kg / 8.8 m	1,060 kg / 10.5 m	1,230 kg / 10.7 m	1,230 kg / 10.7 m	1,300 kg / 10.9 m	1,950 kg / 13.4 m
	<b>4th</b>	690 kg / 10.0 m	-	1,095 kg / 11.3 m	740 kg / 13.5 m	835 kg / 13.7 m	835 kg / 13.7 m	870 kg / 13.9 m	1,400 kg / 17.2 m
	<b>5th</b>	520 kg / 12.2 m	-	830 kg / 13.8 m	510 kg / 16.6 m	580 kg / 16.8 m	580 kg / 16.8 m	600 kg / 16.7 m	1,030 kg / 21.0 m
	<b>6th</b>	-	-	650 kg / 16.2 m	370 kg / 19.6 m	400 kg / 19.8 m	400 kg / 19.8 m	400 kg / 19.6 m	-
	<b>7th</b>	-	-	-	-	-	-	260 kg / 22.5 m	-
<b>Maximum working Radius</b>		12.2 m	8.1 m	16.2 m	19.6 m	19.8 m	19.8 m	22.5 m	21.0 m
<b>Maximum working Height</b>		14.4 m	10.4 m	18.5 m	22.0 m	22.0 m	22.0 m	24.6 m	23.2 m
<b>Hydraulic Fluids</b>	<b>Rated Flow (1,000 rpm)</b>	45 ℓ / min			61 ℓ / min				(80 ℓ + 80 ℓ) / min
	<b>Rated Pressure</b>	210 bar							
<b>Boom</b>	<b>Shape</b>	Hexagonal	Pentagonal	Hexagonal					
	<b>Section</b>	5	3	6	6	6	6	7	5
	<b>Structure</b>	3 Cylinders + 1 Wire	1 Cylinder + 1 Wire	3 Cylinders + 2 Wires				3 Cylinders + 3 Wires	2 Cylinders + 2 Wires
	<b>Angle</b>	0° ~ 80°					-16° ~ 79°		0° ~ 80°
<b>Body</b>	<b>Slewing speed</b>		2.0 rpm				1.8 rpm		2.0 rpm
<b>Outrigger</b>	<b>Supply Scope</b>		Main; 2EA			Main; 2EA + Rear; 2EA			
	<b>Movement</b>	<b>Horizontal</b>	Hydraulically automatic	Manual		Hydraulically automatic			
		<b>Vertical</b>		Hydraulically automatic					
<b>Recommendable Truck Chassis (Payload basis)</b>		Over 4.5 ton		Over 5.0 ton	Over 7.0 ton			Over 11.0 ton	

### Remarks

1. According to Boom section adjustment and optional item application, variant models can be available.
2. The specifications are subject to change without prior-notice, according to product improvements.
3. Rated capacity can be changed, according to crane strength, vehicle weight, loaded condition, crane mounting position, operating condition and the likes.
4. The separate Contract with specification sheet prevails the above-mentioned Specification.



Hankook Tower Crane Co. Ltd  
 1191, Chopyeong-ro, Chopyeong-myeon, Jinchun-gun, Chungbuk. Korea  
 TEL +82-70-4487-8030 FAX +82-43-838-5353  
 www.htkc.co.kr