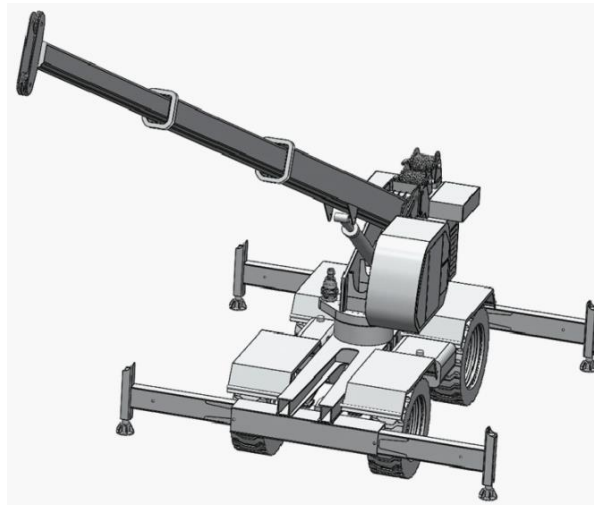


# Üretimpark

## Rough Terrain Crane



Design Office:Sanayi Mahallesi Teknopark İstanbul / Pendik/İstanbul

Factory : Kesit San Sitesi 2007 Blok No:5 Gebze /Kocaeli

[www.uretimpark.com](http://www.uretimpark.com)

[info@uretimpark.com](mailto:info@uretimpark.com)

1	Name of the Equipment	<b>30 ton Rough Terrain Crane</b>
2	Name and Complete Address of Local Agent	
3	Name and Complete Address of Manufacturer	<b>Uretimpark Engineering</b>
5	Make & Model	Make: Uretimpark
		Model: HB30T2RT
6	Type	Rough Terrain
7	Country of Origin	Turkey
8	Country of Assembly	Turkey
9	Country of Manufacturer	Turkey
10	Year of Production	Maximum 1 Year before the Contract

	<u>Overall Dimension</u>	
11	a. Overall Length	8650 mm
	b. Overall Width	2450 mm
	c..Overall Height	3150 mm
12	Lifting capacity with working radius	15 t @3 m working radius
13	Maximum lifting height (Meters)	16 m with telescopic boom, 22 m with jib boom
14	Gradiability	30 °
15	Turning radius	4,1 m
16	Ground clearance	260 mm
17	Weight of Crane without vehicle	8 ton without vehicle

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<b><u>Crane Specification</u></b>		
a. Boom type		Telescopic box type boom
b. Number of section of boom		Number of section 1 fix + 2 telescopic
c. Fly Jib length		5 m
d. Boom derricking angle		0-82°
e. Boom extending time		75 second
f. Boom length retracted		7,2 m
g. Boom length fully extended		19 m
h. Lifting speed with full load		10 m/min
<b>j. <u>Outriggers</u></b>		
(1) Type		Hydraulic telescopic with control and crane level indicator located in cab
(2) Number		4

18	(3) Extended width	Maximum: 4300 mm Minimum: 2100 mm
	(4) Float size diameter	300 mm
	<b>k. <u>Hook Capacity</u></b>	
	(1) Main	15 ton
	(2) Auxiliary	15 Ton
	<b>l. <u>Hoisting line speed</u></b>	
	(1) Main winch	65 m/min
	(2) Auxiliary winch	65 m/min
	m. Boom swing/rotation angle	3600
	n. Boom steering speed	2 rpm
	<b>p. <u>Wire rope for hoisting</u></b>	
	<b>(1) <u>Main winch</u></b>	
	(a) Type	Hydraulic motor drive planetary gear box
	(b) Dia	12 mm
	(c) Length	65 m
	<b>(2) <u>Auxiliary Winch</u></b>	
	(a) Type	Hydraulic motor drive planetary gear box
	(b) Dia	12 mm
	(c) Length	65 m
	q. Hydraulic cooling system	Hydraulic cooling system
	r. Oil Pump	Variable Displacement type pump
	s. Hoisting Motor	Hydraulic axial piston type
	t. Slewing Motor	Hydraulic axial piston type
u. Oil reservoir capacity	220 liters	

18	v. Pulling system	Hydraulic motor works with planetary gear box. Controlled independently by respective operating lever.	
	w. <b>Maximum pulling capacity</b>		
	(1) Main	30 kN	
	(2) Auxiliary	30 kN	
	x. <b>Cab system</b>		
	(1) Operator cabin	All steel fabricated with acoustical lining and tinted safety glass throughout. Deluxe seat incorporates armrest-mounted electric dual – axis controllers. Dash panel incorporates gauges for all engine functions. Tilt steering wheel, hot water heater, cab circulating air fan, air condition sliding side and rear windows, sliding skylight with electric wiper and sunscreen, electric windshield wash / wipe.	
	y. Safety device	Voice alarm	
		Slewing stop system	
		Outrigger detector	
		Boom load holding valve system	
Over hoist prevent system			
Automatic brake all planetary system			
Slewing lock			
	Hydraulic oil temp warning		

19	<b><u>Truck</u></b>			
	a. Make & Model		Make: Üretimpark Model: HB90T3RT	
	b. Country of Origin		Turkey	
	c. Country of Manufacturer		Turkey	
	d. Country of Assembly		Turkey	
	e. Year of production		Maximum 1 year before the contract	
	f. Drive		4x4, RHD	
	g. Overall Dimension (LxHxW) in mm		8650 mm x 3150mm x 2450mm	
	h. Wheel base in mm		2900 mm	
	j. Wheel tread front & rear		Fron and rear 2250 mm	
	k. Rear axle load in kg		8750 kg	
	l. Front axle load in kg		6750 kg	
	m. Vehicle kerb weight		7500 kg	
	n. Gross vehicle weight		15550 kg	
	<b><u>m. Engine Specification</u></b>			
	& Model	(1) Make		Make: Cummins Model: Cummins QSB 6.7L
		(2) Type		06 cylinder, water cooled
	of origin	(3) Country		USA
		(4) Country of Manufacturer		
		(5) Country of Assembly		

19	(1) Year of production	Maximum 1 year before the contract
	(2) Rated HP with rpm to be mentioned	120kW @ 2200 rpm
	(3) Maximum torque with rpm to be mentioned	360 Nm @1800 rpm
	(4) Number of Cylinder	6
	(10) Bore and stroke in mm	102*115 mm
	(11) Type of Fuel	Diesel
	(12) Cooling system	Water Cooled
	(13) Piston displacement	3,8 L
	(14) Engine test bench certificate	We will provide Engine test bench certificate during inspection of equipment.
	<b>n. Clutch</b>	
	(1) For Truck	Multi plate Wet clutch
	(2) For Crane	Multi plate wet clutch
	p. Transmission (No of Gear/Type)	6 front 1 rear
	<b>q. Speed</b>	
(1) Minimum on cross country (km/h)	12 kmh	
(2) Traveling speed (km/h) on road	45 km/h	
(3) Mobility at different terrain condition	on loose soil, mud, construction sites, rivers the rough terrain conditon.	



19	<b>r. Axles</b>	
	(1) Front	Rigid and steering drive axle with input reducer
	(2) Rear	Rigid and steering drive axle with input reducer
	(3) Different locks	Not mounted
	<b>s. Steering system</b>	Hydraulic power steering
	<b>t. <u>Suspension</u></b>	
	(1) Front	Oscilation hydraulic cyclinder system
	(2) Rear	Oscilation hydraulic cyclinder system
	<b>u. <u>Brake System</u></b>	
	(1) Service brake	Wheel: Pnomatic system drives hydraulic system to Disc brake.
		Winches and other: Spring plate type brake with hydraulic
		Hydraulic and air booster disc brakes on all wheels
	(2) Parking brake	Mechanically operated, internal expanding duo-servo shoe type acting on drum at transmission case rear.
	(3) Auxiliary brake	Torque converter lock-up linked electronic control exhaust brake, with ADS system.
	<b>v. <u>Electrical System</u></b>	
	(1) Volt	24 Volt
	(2) Battery (Volt & Ah)	2*12 V & 120 AH
	(3) Alternator (Volt & Amp)	24 V & 50 Amp

19	(4) Starter (Volt & Kw)	24 V & 5 Kw
	w. <b><u>Tyre size</u></b>	
	(1) No of tyre	4
	(2) Size & Ply rating	17,5*25-14 bias ply
	(3) Tyre Brand	Goodyear
	(4) Tyre Country of Origin	USA
	(5) Type of Pattern	Non-directional, Ground Grip/ Cross country
	(6) Rim Size	17 inches

20	Fuel tank capacity	200 L
21	All lights & Gauges	All lights and gauges include head light, Tail, Stop, Indicator, Work, Backup and other standard accessories will be provided
22	Colour	As per tender requirement

