

Engine output : **44 PS**

Machine operating weight : **2770 kg**

For Earth, For Life
Kubota

RT270

KUBOTA WHEEL LOADER



POWERFUL, MANOEUVRABLE AND VERSATILE

Kubota has developed new range of articulated wheel loaders with an operating weight ranging from 1000 kg to 2800kg. The new RT-series has been designed to meet the requirements of varying type's of applications such as construction, agriculture, gardening and public works. These articulated wheel loaders combine performance, compactness, safety and comfort as with all Kubota's products.



KUBOTA ORIGINAL ENGINE : POWERFUL, EFFICIENT AND LOW EMISSION

KUBOTA engine is known for its reliability and durability. It is strong and powerful with respect for the environment especially for noise and emissions.

HEAVY DUTY AXLES

The RT270 is equipped with heavy duty axles (max. capacity of 12 tons) which allow a fast travelling speed (up to 25 km/hr according to the tires fitted) and an excellent tipping load superior to competitive models.

PIVOTING ARTICULATION

With an articulation of 45° and an oscillating angle of 8.8° , the RT270 can drive through tight space's without creating any damage on the surface.



HEAVY DUTY CHASSIS

The thickness of the material used, the load resistance and the compactness are the key features of the chassis of the RT-series. In addition, the hydraulic tank is enclosed within the frame which in addition provides additional counterweight.



HYDROSTATIC TRANSMISSION (HST)

The hydrostatic transmission is equipped with an high performance pump which guarantees an efficient transmission of the power to the wheels.

OPERATOR COMFORT



Dashboard

The dashboard provides the operator with easy to read guages for both the fuel level & engine water temperature and with additional warning lights for Engine oil pressure, water temperature and battery charge. Therefore, you can operate your wheel loader in full confidence.

Multi-function operating lever and steering column

The user friendly designed multifonction lever allows to control all the main functions of your articulated wheel loader: shuttle switch, auxiliary circuit (according to the versions) and, of course the front attachment fonnctions. The steering wheel is tiltable in order to offer the best driving position to the operator.



Ventilation system on the cabin

When the RT270 is equipped with a cabin, a ventilation system allows the operator cool or heated cabin. Thanks to several outlets well dispatched throughout the cabin and several fan speeds, the air is well spread out around the operator, allowing the operator to work more efficiently.

PERFORMANCE / MAINTENANCE



High lifting height and compactness

The RT270 offers a high lifting height (2964 mm at bucket pins) and compactness. It is well suited for high loading in tight spaces.



Differential lock

The differential lock is controlled by a switch on the multifunction lever:
100% on request!

Transmission control

The hydrostatic transmission is controlled by a pedal located on the right side of the steering column. A simple action of the right foot on the pedal acts simultaneously on the engine rpm and also on the hydrostatic pump. The operator can control the travel speed with full concentration on the front attachments being used.



Daily maintenance

The main components which require daily check such as engine oil level, coolant level, air filter and radiator are easily accessible, thanks to the wide opening engine bonnet. In addition, the offset battery off terminals allow a quick starting assistance in the event of battery default.

SAFETY AND SECURITY



Lighting equipment

Road lights are mounted as standard equipment in order to meet the requirements of road legislation. In addition, working lights located on the front frame (standard) or on the safety structure (option) insure safe working conditions during both night & day.

Safety cabin or canopy and full suspension seat

The RT270 is available with cabin or with canopy. In both case's, the protective structures are certified ROPS ISO3471 and FOPS ISO3449. In order to insure a good operating comfort, the full suspension seat is fitted with two arm rests and a safety belt.



Counterweight

The counterweight is integrated in the rear part of the frame. An additional counterweight of 125 kg is available as an option to improve the stability.

STANDARD EQUIPMENT

Fuel system

- Kubota original engine
- Double-element air cleaner

Transmission

- Hydrostatic Transmission - 4 wheel drive
- Two speed changeable under load
- Differential lock (100% on demand)
- Drum parking brake

Hydraulic system

- High performance hydraulic pump
- Locking lever of all front attachment hydraulic functions
- Inching and brake pedal
- Shuttle switch F/R on the multifunction lever

Deluxe version

- Cabin with air heater
- 4 working lights
- Adjustable full suspension seat according to the weight equipped with armrest, backrest and headrest
- Retractable seatbelt
- Complete dashboard
- ROPS (Roll-Over Protective Structure ISO 3471)
- FOPS (Falling Object Protective Structure ISO 3449)
- Auxiliary circuit 1, double acting mechanically activated
- Auxiliary circuit 2, double acting electrically activated
- Free return

- Radio and speakers
- Road kit (lights and mirrors)
- Tilttable steering column
- Mudguard wideners
- Tires 31 x 15.5-15 SKID (Industrial)

Standard version

- Canopy with safety doors
- 4 working lights on the roof
- Adjustable full suspension seat according to the weight equipped with armrest, backrest and headrest
- Retractable seatbelt
- Complete dashboard
- ROPS (Roll-Over Protective Structure ISO 3471)
- FOPS (Falling Object Protective Structure ISO 3449)
- Auxiliary circuit, double acting mechanically activated
- Road kit (lights and mirrors)
- Adjustable steering column
- Documents compartment
- Tires 31 x 15.5-15 TR-06 (Multipurpose)

Working equipment

- Working light on front frame
- Hydraulic quick coupler

Safety

- 4 tie down points
- OPC / Operator presence seat switch
- Articulation locking bar
- Battery isolator switch
- Towing hook

OPTIONAL EQUIPMENT

- Foldable safety roof
- Leak oil connection
- Low pressure return
- Hand throttle
- Hand inching
- Pro-inching
- Additional working light
- Beacon light
- Auxiliary circuit, double acting mechanically activated
- Auxiliary circuit, double acting electrically activated
- Mudguard extensions
- Single/double side stop on auxiliary circuit
- Shock absorber for lift arm
- Additional counterweight
- Hydraulic quick coupler type Euro
- Special colour
- Various bucket and other attachment on request

For further information consult your local dealer.

Optional tires	Width machine (mm)
31x15.5-15 AS	1320
31x15.5-15 TR-06	1320
31x15.5-15 SKID	1320
15.0/55x17 AS	1280
420/55-17 AS	1400
19.0/45x17 AS	1480
425/40B17 GSP	1360
500/40x17.5	1500

ACCESSORIES



Quick coupler

RT270 is equipped with mechanical quick coupler (hydraulic is optional) for easy and fast change of attachments.

non-contractual colours

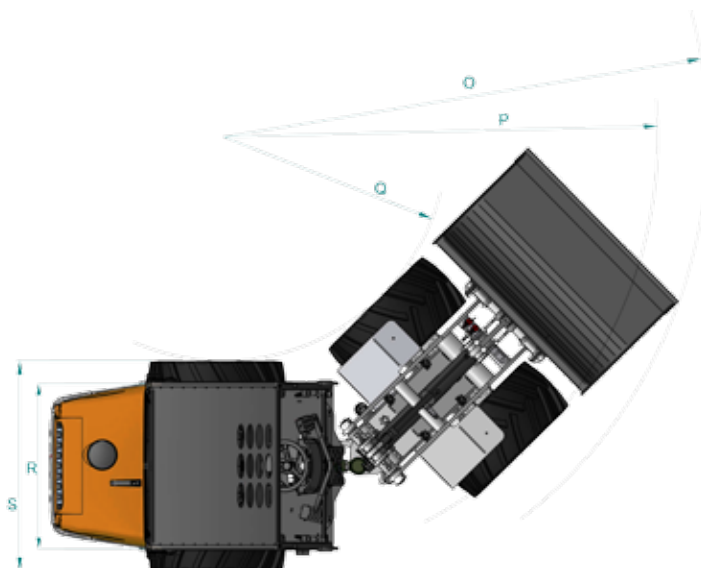
SPECIFICATIONS

Model				RT270	
Operating weight			kg		2770
Earth bucket capacity			m ³		0,42
Engine	Make			KUBOTA	
	Model			V1505-T	
	Power	PS/rpm		44/2000	
		kW/rpm		33/2000	
	Number de cylinders			4	
	Displacement		cc		1498
Cooling type			water		
Transmission	Type			Hydrostatic	
Performance with pallet fork	Tipping load with pallet fork in straight position (ISO14397)	A	kg	1700	
		B	kg	1200	
		C	kg	900	
	Tipping load in full turn position (ISO14397)		kg	970	
	Lifting capacity		kN	15,5	
	Breakout force		kN	27,0	
Tires	Type			TR-06	
	Dimensions			31x15.5-15	
Travel speed			km/h		0~25
Articulation angle			deg.		± 8.8
Auxiliary circuit	Oil flow		ℓ /min		51
	Oil pressure		bar		210
Capacity	Fuel tank		ℓ		47
	Engine oil		ℓ		5,2
	Hydraulic tank		ℓ		54
	Cooling system		ℓ		6

DIMENSIONS

Machine dimensions*	A	Wheel base	mm	1643
	B	Overall length without bucket	mm	3247
	C	Overall length with bucket	mm	4015
	D	Seat height	mm	1341
	E	Overall height	mm	2330
	F	Front frame height	mm	1731
	G	Dumping height	mm	2144
	H	Max. height at hinge pin	mm	2964
	I	Max. lifting height at bucket	mm	3532
	J	Roll back angle at ground level	deg	43°
	K	Roll back angle at max. height	deg	43°
	L	Dumping angle	deg	45°
	M	Rear climbing angle	deg	28°
	N	Diameter of standard wheel	mm	850
	O	Turning radius with bucket	mm	2972
	P	Turning radius (outer wheel)	mm	2560
	Q	Turning radius (inner wheel)	mm	1460
	R	Tread	mm	850
	S	Overall width	mm	1320
	-	Articulation angle	deg	45°
	-	Ground clearance	mm	235

★ The data have been measured on the standard version. Specifications are subjects to be changed without notice.



★ All image's shown are for brochure purpose only
When operating the wheel loader, wear clothing and equipment in accordance to local legal and safety regulations.

KUBOTA EUROPE S.A.S.

19 à 25, Rue Jules - Vercruysse -
Zone Industrielle - B.P. 50088
95101 Argenteuil Cedex France
Téléphone : (33) 01 34 26 34 34
Télécopieur : (33) 01 34 26 34 9
<http://www.kubota-global.net>

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