

Engine output: 33 PS

Machine weight: 1500 / 1705 kg

For Earth, For Life

Kubota

RT150

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.



HYDRAULIC MOTO TRANSMISSION ON EACH WHEEL

Engine power is transmitted to the wheels through 4 hydraulic motors. In addition, a differential lock 100% on demand ensures excellent traction in tough conditions.



PIVOTING ARTICULATION

With an articulation of 45° and an oscillating angle of 5.0° , the RT150 can drive through tight spaces 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 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 gauges 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 functions. The steering wheel is tiltable in order to offer the best driving position to the operator.



Ventilation system on the cabin

When the RT150 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



Versatile and compact

With a machine weight of 1500 kg for canopy version and 1705 kg for cabin version, and a tipping load of 580 kg (straight position), the RT150 is the ideal articulated wheel loader for construction jobs which require power and manoeuvrability.

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 optional equipment in order to meet the local requirements of road legislation. A working light is located on the front frame (standard). In addition, extra working lights (option) can be mounted on the safety structure (option) to insure safe working conditions during both night & day.

Cabin or safety canopy and comfort seat

The RT150 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 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 90 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
- Differential lock (100% on demand)
- Wet type multidiscs 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
- Auxiliary line 1, double acting valve at the front
- Floating position
- Oil cooler

Safety

- Safety roof : ROPS (Roll-Over Protective Structure ISO 3471) / FOPS (Falling Object Protective Structure ISO 3449)
- Lifting eyes
- Working light on the arm left
- Main switch
- 4 tie down points
- OPC / Operator presence seat switch
- Articulation locking bar

Tires

- Tires 7.00x12 Farm (total width 89 cm)

Comfort

- Luxery seat with safety belt, armrest and extended backrest
- Tilttable steering column
- Complete dashboard
- Documents compartment

OPTIONAL EQUIPMENT

Hydraulic options

- Extra aux. line mechanical (front or back)
- Extra aux. line electrical (front or back)
- Single/double side stop on aux. line 1 and/or 2 mechanical
- Free return front or back
- Leak oil front or back
- Double gearpump 30 l/min front or back (includes free return)
- Shock absorber on lifting arm
- Oscillation stabilizer

Regulator

- Hand throttle
- Hand inching
- Pro inching
- High driving speed 0~19 km/h
- Electric controlled 4 wheel differential lock

Safety

- Deluxe safety cabin: safety doors, windows front and back, wipers front, 2 mirrors, 2 working lights on roof front and back
- Foldable safety roof: safety doors
- Deluxe foldable safety roof: safety doors, 2 mirrors, 2 working lights front and back

- Cabin: windows front & back, glass doors left & right, front wiper, heating, 2 working lights on roof front & back, 2 mirrors, radio, speakers

Electrical options

- Flashing light on roof
- Traffic lights + 2 mirrors
- Extra working light on arm
- 1 or 2 working lights on roof front
- 1 or 2 working lights on roof back
- 3 pin socket front or back
- 7 pin socket back
- Buzzer

Trailer system

- Combaionson towing hook
- 3 point lifting including aux. line mechanical

Others

- Painting 1 or 2 colors
- Parallel indicator on tilt cylinder
- Counterweight 90 kg + towing hook
- 1 or 2 counterweights 40 kg under the machine
- Mudguard wideners
- Sprung seat
- Different quick coupler

*For further information consult your local dealer.

Optional tires	Width machine (mm)
26x12.00-12 Farm	1100
26x12.00-12 Skid	1100
26x12.00-12 Turf	1100
300/60x12 Construction	1100
31x15.5-15 Farm	1230
31x15.5-15 Construction	1230
31x15.5-15 Skid	1230

ACCESSORIES



Quick coupler

RT150 is equipped with hydraulic quick coupler for easy and fast change of attachments.

non-contractual colours

SPECIFICATIONS

Model		RT150		
Machine weight (canopy / cabin)	kg	1500 / 1705		
Operating weight (canopy / cabin)	kg	1575 / 1780		
Earth bucket capacity	m ³	0,37		
Engine	Make	KUBOTA		
	Model	D1105-T		
	Power	PS/rpm	33/2050	
		kW/rpm	23,5/2050	
	Number de cylinders	3		
	Displacement	cc	1123	
Cooling type	water			
Transmission	Type	Hydrostatic		
Performance with pallet fork	Tipping load with pallet fork in straight position (ISO14397)	A	kg	800
		B	kg	580
		C	kg	435
	Tipping load in full turn position (ISO14397)	kg	340	
	Lifting capacity	kN	10,0	
Breakout force	kN	15,0		
Tires	Type	Farm		
	Dimensions	7.00x12 AS		
Travel speed	km/h	0~12		
Angle of oscillation	deg.	± 5.0		
Auxiliary circuit	Oil flow	ℓ /min	42	
	Oil pressure	bar	170	
Capacity	Fuel tank	ℓ	25	
	Engine oil	ℓ	4,2	
	Hydraulic tank	ℓ	46	
	Cooling system	ℓ	4	

* Machine weight : with 149 kg (canopy) / 155 kg (cabin) standard bucket.

* Operating weight : with 75 kg operator and 149 kg (canopy) / 155 kg (cabin) standard bucket.

DIMENSIONS

Machine dimensions*	A	Wheel base	mm	1368
	B	Overall length without bucket	mm	2669
	C	Overall length with bucket	mm	3360
	D	Seat height	mm	1140
	E	Overall height	mm	2170
	F	Front frame height	mm	1560
	G	Dumping height	mm	1825
	H	Max. height at hinge pin	mm	2560
	I	Max. lifting height at bucket	mm	3140
	J	Roll back angle at ground level	deg	41°
	K	Roll back angle at max. height	deg	52°
	L	Dumping angle	deg	44°
	M	Rear climbing angle	deg	27°
	N	Diameter of standard wheel	mm	670
	O	Turning radius with bucket	mm	2260
	P	Turning radius (outer wheel)	mm	1900
	Q	Turning radius (inner wheel)	mm	1040
	R	Tread	mm	815
	S	Overall width	mm	890
-	Articulation angle	deg	45°	
-	Ground clearance	mm	210	

* 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 Verceyusse
 Zone Industrielle - B.P. 50088
 95101 Argenteuil Cedex France
 Téléphone : (33) 01 34 26 34 34
 Télécopieur : (33) 01 34 26 34 99
<http://www.kubota-eu.com>

W21PS02595