

KUBOTA WHEEL LOADER

**RT100-2**

**RT105T-2**



Engine output (PS):

**RT100-2 : 20**

**RT105T-2 : 25**

Machine weight (kg):

**RT100-2 : 1100**

**RT105T-2 : 1200**

# POWERFUL, MANOEUVRABLE AND VERSATILE

Each job requires a specialized tool. The RT-2 loaders are perfectly designed for all kinds of application, such as construction, gardening, public works and agriculture. With the perfect balance between performance, compactness, safety and comfort no job is too big for the KUBOTA wheelloaders.

## HYDRAULIC WHEEL MOTORS ON EACH WHEEL

Each wheel is driven by an hydraulic wheel motors. Ensuring powerful traction all the time. The standard electric length differential lock keeps the machine going in tough conditions.



## HYDROSTATIC TRANSMISSION (HST)

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



# VRABLE

## 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.



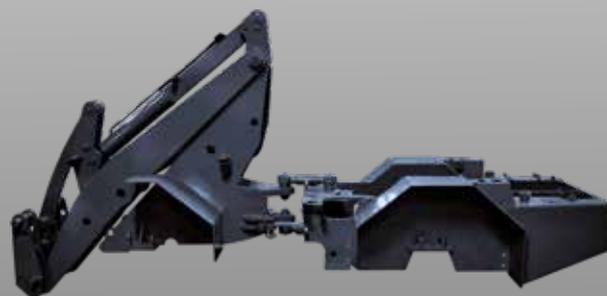
### Engine output

RT100-2: 20 PS

RT105T-2: 25 PS

### 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-2 series. In addition, the hydraulic tank is enclosed within the frame which provides additional counterweight.



### PIVOTING ARTICULATION

With an articulation of 40° and an oscillating angle of 4.5°, the RT100-2 and the RT105T-2 can drive through tight space's without creating any damage on the surface.



# COMFORT / PERFORM MAINTENANCE

The RT100-2 and RT105T-2 are designed on the same base. While the RT100-2 is a standard wheel articulated loader, we added a telescopic arm to the RT105T-2 to give more reach and lifting height (the chassis of this machine is a bit longer and reinforced).

## 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.

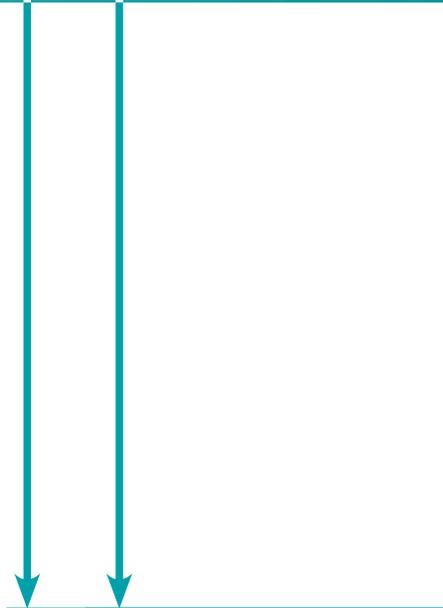


RT105T-2  
2740 mm

RT100-2  
2170 mm

## MULTI-FUNCTION OPERATING LEVER AND STEERING COLUMN

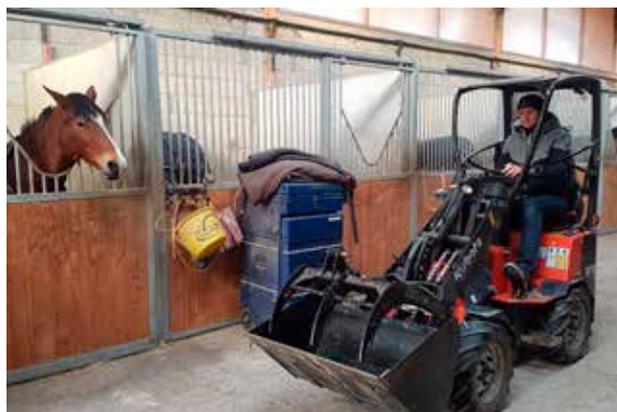
The user friendly designed multifunctional lever allows you to control all the main functions of your articulated wheel loader: shuttle switch, auxiliary circuit (according to the versions) and the front attachment functions. The steering wheel is tiltable in order to offer the best driving position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



# PERFORMANCE

## VERSATILE AND COMPACT

With a weight of 1100 kg for the RT100-2, 1200 kg for the RT105T-2 and a tipping load of 550 kg (straight position) for the RT100-2, 200 kg fully extended for the RT105T-2. These wheel loaders are ideal for construction sites where power and manoeuvrability are required.



## 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 terminals allow quick starting assistance in the event of battery default.



## 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.



# SAFETY / SECURITY

**A safe and comfortable driving position. The optional cabin is made to keep the driver warm during the coldest working hours. The standard canopy is ROPS/FOPS certified.**

## COUNTERWEIGHT

The counterweight is integrated in the rear part of the frame. An additional counterweight of 70 kg is available as option to improve the stability.



## LIGHTING EQUIPMENT

The KUBOTA wheelloaders are equipped with a working light on the lifting arm. To increase visibility 5 more working lights, halogen or LED, can be added. Road lights can be fitted as an option to make the wheel loader road legal.

## CANOPY AND COMFORT SEAT

The RT100-2 and the RT105T-2 are available with canopy. The protective structure is 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.



## Kubota Genuine and Approved Parts

for maximum performance, durability and safety



# Standard and optional equipments

● Standard equipment    ○ Optional equipment

Model	RT100-2	RT105T-2
KUBOTA original engine (Stage V)	●	●
Cyclone filter	●	●
Oil cooler	●	●
<b>Travel system</b>		
Hydrostatic 4 wheel drive with automotive control	●	●
4 heavy duty poclairn wheel engines	●	●
Travel speed 0-15km/h	●	●
Electric controlled length differential lock	●	●
Hydraulic multidisk brake	●	●
Hand throttle	○	○
Hand inching	○	○
Different tires	○	○
<b>Hydraulic system</b>		
Hydraulic quick coupler	○	○
Floating position	●	●
Multi function joystick	●	●
Lever behind joystick for AUX control (mechanical control)	●	●
Inching and brake pedal (left)	●	●
Extra mechanical controlled AUX line	○	○
Electrical controlled AUX line	○	○
2nd Electrical controlled AUX line	○	○
Double gear pump	○	○
Single / double side stop	○	○
Safety vavles	○	○
Leak oil	○	○
Free return	○	○
<b>Driving position</b>		
Safety roof	●	●
Weight-adjustable seat with arm rests and back rest	●	●
Seatbelt	●	●
Tilt steering	●	●
Safety doors	●	●
Mudguard wideners	○	○
Mechanically suspended seat + 8 cm higher	○	○
<b>Lighting</b>		
Flashing warning light halogen	○	○
Flashing warning light LED	○	○
Traffic lights + 2 mirrors halogen	○	○
Additional working light halogen	○	○
<b>Other</b>		
13 pin Trailer socket to the back	○	○
3 pin socket on the front or back	○	○
Reverse buzzer	○	○
Counterweight 70 kg + towing hook	○	○
Combination towing hook	○	○
Parallel indicator on tilt cylinder	○	○
Kit engine heater 220v	○	○

★ For further information consult your local dealer.



# Specifications

Model		RT100-2	RT105T-2
<b>Operating weight (canopy/cabin)</b>	kg	1175	1200
<b>Engine</b>			
Manufacturer		Kubota	Kubota
Model		D722 Stage V	D902 Stage V
Horse power (ISO9249)	kW	15	17,5
	PS	20	25
Number of cylinders		3	3
Displacement	cc	719	900
<b>Transmission</b>			
Type		Hydrostatic with automotive control	
<b>Travelling</b>			
Tyre size		23 x 8.5-12 AS	23 x 8.5-12 AS
Travelling speed	km/h	0-15	0-15
Angle of oscillation	°	4,5	4,5
Auxiliary oil flow	l/min	28	28
Auxiliary oil pressure	bar	150	180
<b>Noise level</b>			
Sound pressure level (LpA)(canopy/cabin)	dB (A)	≤101	≤101
Sound power level (LwA (2000/14/EC))	dB (A)	≤101	≤101
<b>Hand arm system vibration</b>	m/s <sup>2</sup>	≤2,5	≤2,5
<b>Whole body vibration</b>	m/s <sup>2</sup>	≤2,5	≤2,5
<b>Capacity</b>			
Fuel tank	l	45	45
Hydraulic oil tank	l	46	46
Engine oil	l	2,5	2,5

★ Tipping load measured on hinge point in straight position, standard tires, no additional counterweight.

# Accessories

## QUICK COUPLER

The RT100-2 and the RT105T-2 are equipped with hydraulic quick coupler for easy and fast change of attachments.

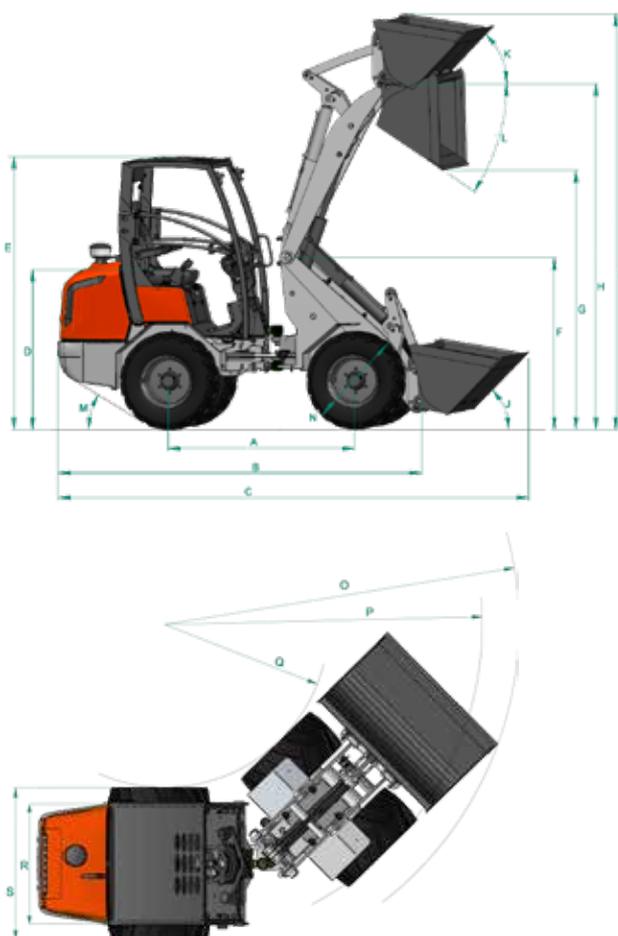


# Dimensions

Machine dimensions\*

Model		RT100-2	RT105T-2
<b>A</b>	Wheel base	mm 1205	1247
<b>B</b>	Overall length without bucket	mm 2211	2265
<b>C</b>	Overall length with bucket	mm 2911	2927
<b>D</b>	Seat height	mm 1020	1020
<b>E</b>	Overall height	mm 2060	2060
<b>F</b>	Front frame height	mm 1380	1310
<b>G</b>	Dumping height	mm 1408	2060
<b>H</b>	Max. height at hinge pin	mm 2170	2740
<b>I</b>	Max. lifting height at bucket	mm 2976	3300
<b>J</b>	Roll back angle at ground level	° 43	43
<b>K</b>	Roll back angle at max. height	° 45	50
<b>L</b>	Dumping angle	° 46	40
<b>M</b>	Rear climbing angle	° 34	34
<b>N</b>	Diameter of standard wheel	mm 570	570
<b>O</b>	Turning radius with bucket	mm 2225	2225
<b>P</b>	Turning radius (outer wheel)	mm 1967	1967
<b>Q</b>	Turning radius (inner wheel)	mm 978	978
<b>R</b>	Tread	mm 815	815
<b>S</b>	Overall width	mm 920	920
-	Articulation angle	° 40	40
-	Ground clearance	mm 120	120

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

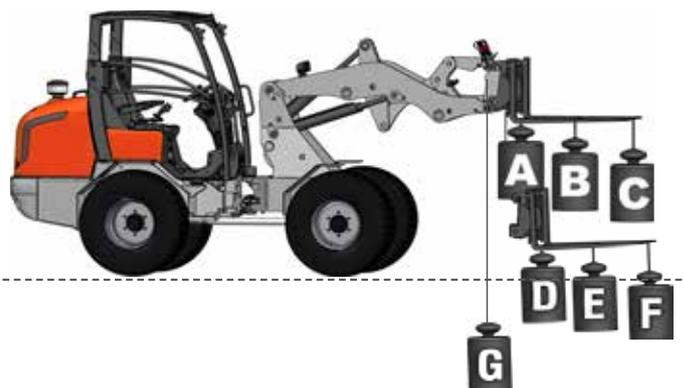


# Specifications

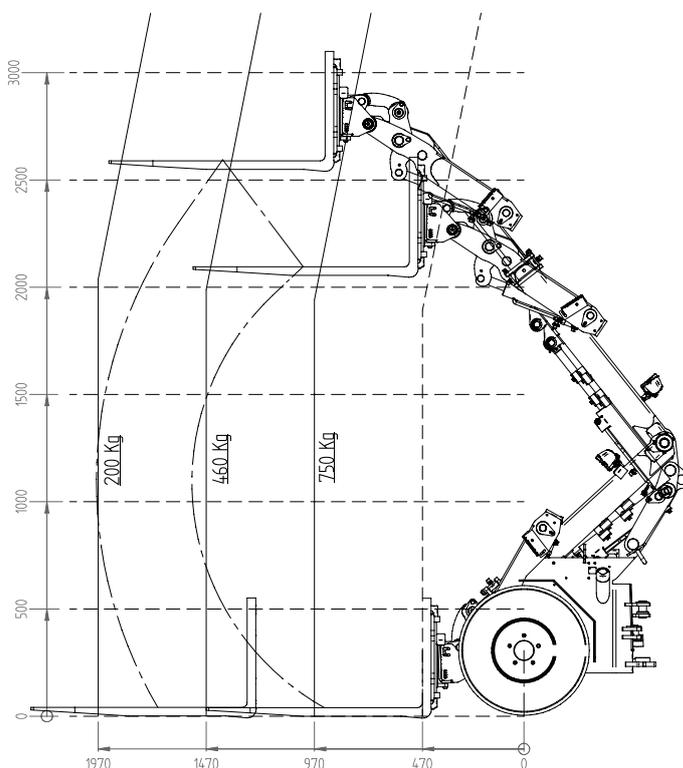
Model		RT100-2	RT105T-2
<b>Operational specifications with pallet fork in straight position (ISO 14397) and tipping Load (G) measured on hinge point*</b>	A	kg 800	
	B	kg 550	
	C	kg 410	See lifting
	D	kg 1690	chart
	E	kg 840	
	F	kg 510	
	G	kg 840	

\* Tipping load measured on hinge point in straight position, standard tires, no additional counterweight.

## RT100-2



## RT105T-2



\* All images shown are for brochure purposes only.  
When operating the wheel loader, wear clothing and equipment in accordance to local legal and safety regulations.

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