



KIOTI TRACTOR

RX

SERIES



FEATURING

ECO TECHNOLOGY

FROM **DEEDONG**



KIOTI



Clean and Powerful Tier 4 Engine

Eco-Friendly Diesel Engine

The Common Rail Diesel Engine (CRDI) improves fuel efficiency while reducing noise levels. With this eco-friendly Tier 4 engine, the RX Series offers the operator a quiet work environment with powerful performance.





Traveling Speed

The more efficient transmission system offers maximum traveling speeds of up to 24 mph (38 km/h).



Power Shuttle Lever (Power Shuttle Models)

The Power Shuttle Lever provides easy forward and reverse operation without stepping on a clutch pedal.

Creeper Gear (RX7320 PCC)

The Creeper Gear model offers more speed versatility for applications requiring high PTO horsepower at low ground speeds.

Deluxe Suspension Seat

An ergonomically designed, fully adjustable suspension seat allows the operator to ride in comfort no matter what the task may be. A pocket on the back of the seat allows easy access to the operator's manual.



Transmission Options

The RX Series provides a wide variety of transmission options making it a great choice for any job. Choose from the 12x12 synchronized shuttle, 12x12 power shuttle or 24x24 power shuttle with creeper.

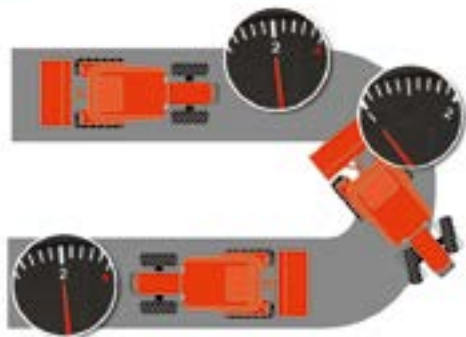


Torque Compensation

This enables the engine to maintain a consistent and stable torque level under all conditions.

Modern and Elegant Design

The modern and elegant hood design provides the operator with excellent visibility and enables quick and convenient access for daily maintenance.



Turn Assist Control

The optional Turn Assist Control kit will drop the engine rpm by 10% automatically when turning sharply. This feature reduces work for the operator when turning, while allowing for more precise work and reducing fuel consumption.



Projection Head and Working Lamp

With the new projection head and working lamp, the operator will experience safer and easier operation after the sun goes down due to the improved field of vision.



PTO Cruise Control

With one touch, engine speed may be set to maintain steady rpm to maximize working efficiency. When engaged, the operator may change the engine rpm by simply pressing a switch to increase or decrease the rpm.

Experience the new and Powerful RX Series



Remote Hydraulic Valves and Joystick

Standard single lever joystick is valuable for loader operation or front implements. A standard single remote valve (2nd and 3rd optional) accommodate a wide variety of attachments and implements.



Fuel Tank

The 22 (ROPS models) to 25 (Cab models) gallon fuel tank allows productive working hours without the need for frequent re-fueling. An additional warning feature includes a fuel indicator lamp in the instrument panel and a buzzer to help prevent accidentally running out of fuel.

External Hydraulic Lift Cylinder

The RX Series tractors have two external hydraulic lift cylinders which make maintenance easier and increase lift capacity up to 3,594 lbs. (66 hp) or 3,898 lbs. (73 hp).



Window Wiper

The standard window wiper (rear optional) improves window visibility and keeps the window free from rain and dust. The improved wiper position maintains a clear view for the operator.

Power Steering

The standard power steering minimizes the effort required to make tight, repetitive turns. The steering wheel tilts with the simple push of lever, allowing easy adjustment to fit the operator's needs.



Advanced Air Conditioning System

The improved Cooling and Heating system will ensure comfortable working conditions for the operator year round.

Deluxe Cab

The RX Series offers improved visibility and comfort with ergonomically placed controls and colored control levers to help minimize operator fatigue.

Push Button 4WD

The 4WD is engaged with the simple push of a button.



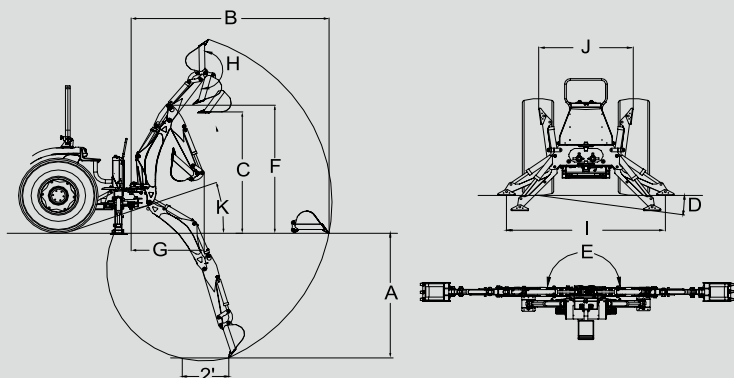
Hydraulic Independent PTO

The standard rear PTO is easily engaged by the simple push of a button. A safety interlock prevents the engine from starting when the PTO switch is left on. All models come standard with a selectable manual or automatic PTO option. When the Auto PTO is engaged, the PTO will automatically shut off when the 3-point control is raised, eliminating exposure to the running implements.



Backhoe (RX6620 Only)

The Kioti KB2485 Series backhoe lets you trench up to 94.4" deep with a bucket dig force up to 3,748 pounds. The KB2485 backhoe features subframe mounting, responsive two-lever controls with exceptional feathering, hydraulic stabilizers, transport lock and a variety of standard and heavy-duty buckets.



Cylinders

Cylinder	Bore DIA	Retracted Length	Stroke	Rod DIA
Boom	2.75	25.04	15.20	1.57
Bucket	2.36	24.8	15.55	1.38
Dipperstick	2.75	27.87	19.88	1.57
Swing	2.36	15.67	8.78	1.38
Stabilizer	2.36	17.55	10.31	1.38

Buckets

Bucket	Teeth Quantity	Struck Capacity	Heaped Capacity	Shipping Weight
9" Bucket	3	0.73 cu. ft.	0.87 cu. ft.	46 lbs.
12" Bucket	3	1.01 cu. ft.	1.24 cu. ft.	56 lbs.
16" Bucket	3	1.38 cu. ft.	1.76 cu. ft.	64 lbs.
18" Bucket	4	1.56 cu. ft.	2.02 cu. ft.	70 lbs.
24" Bucket	5	2.11 cu. ft.	2.82 cu. ft.	94 lbs.
36" Bucket	6	2.78 cu. ft.	4.00 cu. ft.	114 lbs.

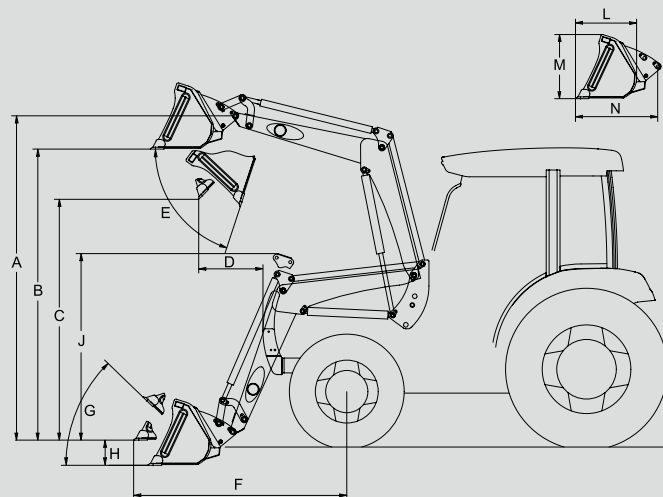
Backhoe Specifications

Model	KB2485
A. Digging Depth (two foot flat bottom)	94.4 in. (2,400 mm)
B. Reach from Center Line of Swing Pivot	136.1 in. (3,460 mm)
C. Loading Height (bucket at 60°)	80.3 in. (2,040 mm)
D. Maximum Leveling Angle	10°
E. Swing Arc	180°
F. Transport Height (maximum)	92.9 in. (2,360 mm)
G. Transport Overhang	50.4 in. (1,280 mm)
H. Bucket Rotation	180°
I. Stabilizer Spread (down position)	68.7 in. (1,745 mm)
J. Stabilizer Spread (up position)	46.4 in. (1,180 mm)
K. Angle of Departure	21°
Shipping Weight (with bucket)	1,102 lbs. (500 kg)
Bucket Digging Force	3,748 lbs. (1,700 kg)
Dipperstick Digging Force	2,205 lbs. (1,000 kg)
Operating Pressure	2,466 psi (170 bar)

*Specifications and design are subject to change without notification.

Front End Loader

The Kioti KL7320 front end loader is specifically designed for the RX Series tractors, providing efficient performance with single lever joystick control. The Kioti loader, with a built-in parking stand, is designed to be quickly and easily attached and detached. KL Series loaders utilize the tractor's hydraulic system, feature single-lever control with float and come with a bucket level indicator.



Cycle Times (sec)

2,300 rpm

Raise Boom	6.3
Lower Boom	4.2
Dump Bucket	4.7
Rollback Bucket	3.5

Loader Specifications

Model	KL7320
A. Maximum Lift Height to Pivot Pin	133.9 in. (3,401 mm)
B. Clearance w/ Attachment Level	123 in. (3,124 mm)
C. Clearance w/ Attachment Dumped	102.3 in. (2,598 mm)
D. Reach at Maximum Height	20.4 in. (518 mm)
E. Maximum Dump Angle	47 °
F. Reach w/ Attachment on Ground	80.4 in. (2,042 mm)
G. Maximum Rollback Angle	54 °
H. Digging Depth Below Grade	6.5 in. (165 mm)
J. Overall Height in Carry Position	69.3 in. (1,760 mm)
L. Depth of Attachment (to back of inner shell)	23.3 in. (592 mm)
M. Height of Attachment	22.9 in. (582 mm)
N. Length of Attachment (to pivot pin)	33 in. (838 mm)
Lift Capacity to Maximum Height at Pivot Pins	3,384 lbs. (1,535 kg)
Breakout Force at Pivot Pin	5,359 lbs. (2,431 kg)
Lift Cylinder	I.D ø70mm X ROD 40 mm
Bucket Cylinder	I.D ø70mm X ROD 35 mm
Bucket Size	82 in. (2,083 mm)
Bucket Weight	428 lbs.
Approx. Weight (without bucket)	1,468 lbs.
Bucket Capacity (heaped)	21.2 cu. ft.
Rated Flow	41.6 L/min
Relief Valve Setting	185 kg/cm ² (66 hp) 195 kg/cm ² (73 hp)

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Specifications



ISO 9001
NO:954596



ISO 14001
NO:771475



OHSAS 18001
NO:K033008

MODEL			RX6620	RX6620C	RX6620P	RX6620PC	RX7320	RX7320C	RX7320P	RX7320PC	RX7320PCC	
ENGINE												
Model			4F243T									
Type			4Cyl., In-line Vertical, Water-cooled 4-cycle Turbo Diesel, CRDI									
Engine Gross		hp (kW)	66 (49.2)				73 (54.4)					
PTO		hp (kW)	57.6 (43)				63 (47)					
Displacement		cu. in. (cc)					148.6 (2,435)					
Rated Revolution		rpm	2,600									
Fuel Tank Capacity		U.S. gal. (ℓ)	22.5 (85)	25 (95)	22.5 (85)	25 (95)	22.5 (85)	25 (95)	22.5 (85)	25 (95)		
DRIVE TRAIN												
Clutch			Dry Single Plate		Wet Disc		Dry Single Plate		Wet Disc			
Transmission			Synchro Shuttle		Power Shuttle		Synchro Shuttle		Power Shuttle		Power Shuttle with Creeper	
Speeds			12F X 12R								24F X 24R	
Differential Lock			Rear Standard									
Brakes			Wet Multi Disc									
PTO			Independent									
Rear PTO (Standard)		rpm	540 / 540E									
4WD Type			Electric/Hydraulic									
HYDRAULIC SYSTEM												
Pump			Gear									
Pump Capacity (Max. flow rate)		gpm (L/min)	17.9 (67.6)				19.2 (72.8)					
3-Point Hitch			Category II									
Maximum Lifting Capacity (24" aft. of hitch)		lb. (kg)	3,594 (1,630)				3,898 (1,768)					
Hydraulic Lift Control System			Position, Draft, Mixed Control									
Number of Standard Remote Valves (Optional)			1st (2nd, 3rd)									
Steering			Hydrostatic Power Steering									
TIRE SIZE												
Front AG. (TURF, INDUSTRIAL)			9.5-20 (31X13.5X15/8, 12.5/80-18)				11.2-24 (N/A, 12.5/80-18)					
Rear AG. (TURF, INDUSTRIAL)			14.9-28 (44X18X20/4, 18.4-24/8)				16.9-30 (N/A, 18.4-24/8)					
TRAVELING SPEEDS												
Forward		mph (km/h)	0.98~22.59 (1.57~36.36)				1.01~23.53 (1.63~37.86)				0.11~23.53 (0.17~37.86)	
Reverse		mph (km/h)	0.96~22.21 (1.54~35.75)				1.00~23.13 (1.61~37.23)				0.11~23.13 (0.17~37.23)	
DIMENSIONS												
Overall Length (includes 3-pt hitch)		in. (mm)	145 (3,685)				146.3 (3,715)					
Overall Width (minimum tread)		in. (mm)	70.9 (1,800)				77.2 (1,960)					
Overall Height (from top of Cab)		in. (mm)	105.5 (2,680)	103.6 (2,630)	105.5 (2,680)	103.6 (2,630)	107.5 (2,730)	104.5 (2,655)	107.5 (2,730)	104.5 (2,655)		
Wheelbase		in. (mm)	82.7 (2,100)				83.9 (2,130)					
Min. Ground Clearance		in. (mm)	16.5 (420)				17.3 (440)					
Tread	Front (AG)	in. (mm)	57.7 (1,465)				58.1 (1,475)					
	Rear (AG)	in. (mm)	55.7 (1,415)				59.6 (1,515)					
Min. Turning Radius (with brake)		ft. (m)	10.2 (3.1)				11.2 (3.4)					
Weight with AG Tires		lb. (kg)	5,202 (2,360)	5,798 (2,630)	5,148 (2,335)	5,732 (2,600)	5,589 (2,535)	6,162 (2,795)	5,600 (2,540)	6,162 (2,795)		

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Standard Equipment

- Hydrostatic Power Steering
- Rear Differential Lock
- Rear PTO
- Wet Multi Disc Brakes
- Single Remote Hydraulic Valve
- Joystick Valve
- Adjustable Drawbar
- Adjustable Seat
- Headlights
- Safety Lights
- Front Wiper
- Cup Holder
- Sun Visor (Cab Models)
- Side View Mirror (Cab Models)
- 7 pin Socket (Cab Models)
- SMV Sign
- Parking Brake
- PTO Cover
- Work Light (Cab Models)
- Auto 4WD
- Rear Defrost (Cab Models)
- Hand Clutch (Power Shuttle Models)

Optional Equipment

- Second Remote Hydraulic Valve
- Third Remote Hydraulic Valve (Cab Models)
- Rear View Mirror (Cab Models)
- Front Suit Case Weight
- CD Player (Cab Models)
- Rear Wiper (Cab Models)
- 3 pin / 7 pin Socket (ROPS Models)
- Locking Fuel Cap
- Sun Canopy (ROPS models)
- Rear Weight (Ag Tires only)
- Turn Assist
- 12V Power Outlet (Cab Models)

Attachments

- Front End Loader
- Backhoe
- Contact your local KIOTI dealer for available implements and attachments.



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Part Number LIT-RX-ALL