

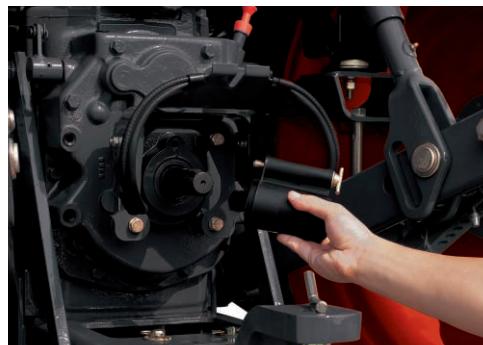
DK90

KIOTI UTILITY TRACTOR



Exceptional quality and dependability in the DK series tractors

Keeps you *ahead of the pack*



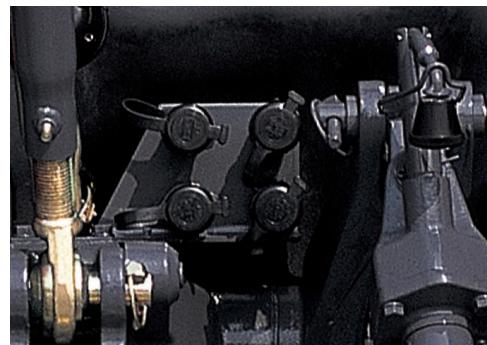
Rear PTO

A 540 PTO and 1,000 PTO are both standard on the DK 90. Changing speeds is as simple as shifting a lever. A ground speed PTO is available on the DK 90 for those special applications requiring precise travel speed.



Auto PTO

A unique feature to the KIOTI DK Series tractors is Auto PTO. When selected, the Auto PTO will "automatically" engage the PTO when the three point hitch is lowered and "automatically" disengage the PTO when raised. This feature reduces noise and vibration associated with PTO driven implements that are frequently raised and lowered.



Remote Hydraulic Valves

The DK 90 comes standard with dual remote valves to accommodate a wide variety of attachments and implements. A third remote valve is an available option for the DK 90.



Deluxe Cab

The deluxe cab comes standard with all the comforts of home including: front wipers, a/c and heat, auxiliary power outlet, rearview mirror, jacket hanger, ashtray and sunroof. In addition, the ergonomically designed work station places operator controls within easy reach of the deluxe suspension seat to minimize fatigue for those long days in the field. Rear wipers and AM/FM/CD radio with IPOD connection are standard on the DK 90.



Single Lever Joystick

Mid mount hydraulics and a single lever joystick for loader operations are standard on the DK 90.



Power Steering

Equipped with hydrostatic power steering the DK 90 has smooth, responsive steering that requires minimal operator effort regardless of the task at hand.



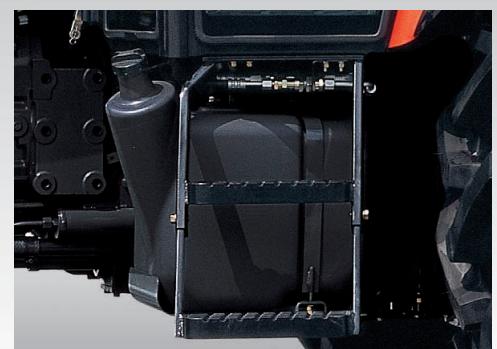


DK Series DK series high-performance tractors pack impressive power and smooth handling into one dependable workhorse. With many standard features that are options with the competition and an operator friendly cab, the DK 90 is ready for any job that demands a durable tractor.



Convenient Hood

The streamlined, one piece hood accompanied by a vertical exhaust adjacent to the cab post offers great forward visibility even when equipped with a loader. With a quick release latch and removable engine panels, the DK 90 is easy to maintain and service.



Fuel Tank

With a 33 gallon fuel tank and a fuel efficient engine, the DK 90 is able to work a long time between fuel breaks. A large filler neck with a wide spout is conveniently located next to the left cab steps to make re-fueling quick and easy.



Deluxe Seat

A fully adjustable, suspension seat allows the operator to ride in comfort no matter what the job may be. A retractable seatbelt is standard on all KIOTI tractors to ensure operator safety.



Telescopic CAT II Hitch

Category II 3-point hitch with standard telescopic link ends make attaching implements quicker and easier than fixed links and enhances operator safety. The DK 90 comes standard with telescopic stabilizers and a RH leveling box to provide operator's with a wide ranges of customizable 3-point hitch options depending on the job at hand.



Transmission

The DK 90 with 16 forward and reverse gears have travel speeds to match any task around the farm. The fully synchronized shuttle simplify loader work. The DK 90 also has a factory installed creeper gear that propels the tractor at speeds as low as .12 MPH.

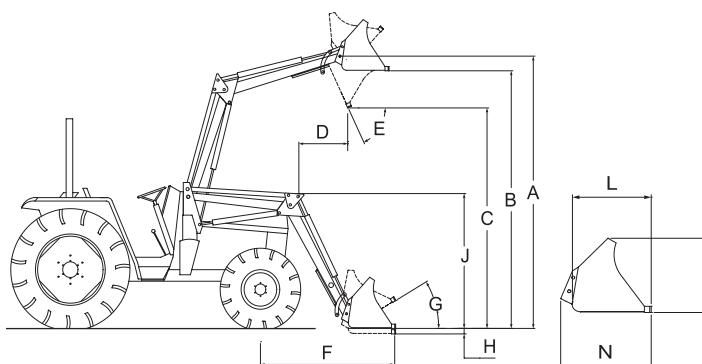


Loader Model : KL901 Tractor Model : DK90

► Implement shown in photo is not manufactured or distributed by KIOTI Tractor Division of Daedong-USA, Inc.

Front Loader

The KL 901 loader is equipped with a universal quick-attach mounting system that makes attaching a bucket as simple as latching an over-center latch. A built-in parking stand on the front-end loader provides for a quick and easy connection. This loader utilizes the tractor's hydraulic system, features single-lever control with float, and comes with a bucket level indicator.



Loader Specifications

KL901

A	Maximum lift height to pivot pin	3,595 mm	141.54 in.
B	Maximum lift height under level bucket	3,456 mm	136.06 in.
C	Clearance with bucket dumped	2,855 mm	112.4 in.
D	Reach at maximum lift height	390 mm	15.35 in.
E	Maximum dump angle	65 degree	↔
F	Reach with bucket on ground	2,155 mm	84.84 in.
G	Maximum rollback angle	46 degree	↔
H	Digging depth	-187 mm	-7.36 in.
J	Overall height in carry position	1,735 mm	68.31 in.
L	Depth	540 mm	21.26 in.
M	Height	520 mm	20.47 in.
N	Length	760 mm	29.92 in.
	Lift capacity to full height at pivot pin	3,749 lbs	
	Breakout force at pivot pin	8,136 lbs	
	Bucket rollback force at ground line	5,468 lbs(@ 31.5 in.forward of pivot)	
	Relief valve setting (Loader control valve)	2,600 psi	
	Rated flow (Tractor system)	12.3 GPM	
	Attachment (Bucket size)	84 in.(QA)	

Loader model	KL901	Remark
Tractor model	KIOTI DK90	
Front tire	12.4×24	
Rear tire	18.4×34	
Count ballast 692 lbs	(At 610mm from end of Lower-link)	

Cycle Times	Idle Min.(1,000 rpm)	1,500 rpm	2,000 rpm	Idle Max.(2,350 rpm)
Raise boom	13.57 sec	8.75 sec	6.27 sec	5.41 sec
Lower boom	5.58 sec	5.18 sec	4.24 sec	3.52 sec
Dump bucket	8.55 sec	5.75 sec	4.19 sec	3.62 sec
Retract bucket	6.36 sec	4.27 sec	2.99 sec	2.52 sec

Specifications and design are subject to change without notice.

Specifications

MODEL		DK90
ENGINE		
Model		1104D-44TT
Type		4Cyl., In-line Vertical, Water-Cooled
Engine Gross	HP(kW)	4-Cycle Turbo Diesel Engine 91.2(68)
PTO	HP(kW)	78(57)
Displacement	cu.in.(cc)	268.5(4400)
Rated Revolution	rpm	2200
Fuel tank capacity	u.s.gal(l)	33.0(125)
DRIVE TRAIN		
Clutch		Dry Single Plate - Single Stage Type (Ceramic Type)
Transmission		Fully Synchronized Shuttle
Speeds		16F 16R
Differential Lock		Standard (Rear Only)
Brake		Wet Disc (Hydraulic)
PTO		Hydrostatic, Independent/Ground
Rear	rpm	540/1000
Mid	rpm	N/A
HYDRAULIC SYSTEM		
Pump		Gear(Tandem)
Pump Capacity (Max. Flow Rate)	gpm(l/min)	1st : 12.8(48.4) 2nd : 9.3(35.2)
3-Point Hitch		Cat. II
Maximum Lift Capacity (24" aft. of hitch)	lbs.(kg)	5290(2400)
Hydraulic Lift Control System		Position, Draft, Mixed Control
Steering		Hydrostatic Power Steering
TIRE SIZE		
Front Ag		12.4 x 24, 8PLY, Tubeless
Rear Ag		18.4 x 34, 8PLY, Bias Tube
TRAVELING SPEEDS		
Front	mph(km/h)	0.16 ~ 21.57 (1st - 0.25, 16th - 34.72)
Reverse	mph(km/h)	0.14 ~ 19.2 (1st - 0.22, 16th - 30.90)
DIMENSIONS		
Overall Length (includes 3-pt hitch)	in.(mm)	162.2(4120)
Overall Width (minimum tread)	in.(mm)	78.7(2000)
Overall Height (from top of Cab)	in.(mm)	111.0(2820)
Wheelbase	in.(mm)	90.7(2305)
Min. Ground Clearance	in.(mm)	19.5(495)
Tread	Front	59.7 ~ 67.6(1516~1716)
	Rear	61.6 ~ 77.5(1565~1968)
Min. Turning Radius(with brake)	feet(mm)	12.8(3900)
Weight with Cab w/o Front Weights, w/Ag Tires	lbs.(kg)	8905(4039)

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KIOTI Tractor Division

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Standard Equipment

- Telescopic 3 Point Hitch Ends
- Telescopic Stabilizers
- Crank Adjustable Lift Link
- Creep Speed Gear
- Side Mount Hydraulic Couplers
- Single Lever Joystick For Loader Operation
- Hydrostatic Power Steering
- Rear Differential Lock
- Hydraulic Brakes
- Hand & Foot Throttles
- Adjustable Drawbar / Adjustable Seat
- Head Lights / Safety Lights
- Safety Start Switch
- Front & Rear Working Light
- Dual Remote Hyd. Valves
- Single Element Air Cleaner
- Ground PTO
- Tilt Steering Wheel
- Oil Cooler
- 4WD, Push Button Engaged for Easier Operation
- Flip-up PTO Guard
- AM/FM Radio CD Player(w/ iPod cable for MP3)
- Rear Window Defogger
- Power Outlet(3P) and 7 Pole Socket
- Front Wiper
- Rear Wiper

Optional Equipment

- 3rd Remote Hydualic Valve (Detent Floating Valve)
- Rear Sub Cylinder
- Front End Weights
- Cooler

Available KIOTI Attachments

- Front End Loader (Self Leveling , Quick Attach)
- Contact your local KIOTI dealer for available implements and attachments