

# ***DKSE SERIES***

## ***KIOTI UTILITY TRACTOR***



  
**KIOTI**<sup>®</sup>  
*run ahead of the pack*



# *It all happens by design*

*The newly designed hood and fender add distinctive lines to the DKSE Series tractors.*



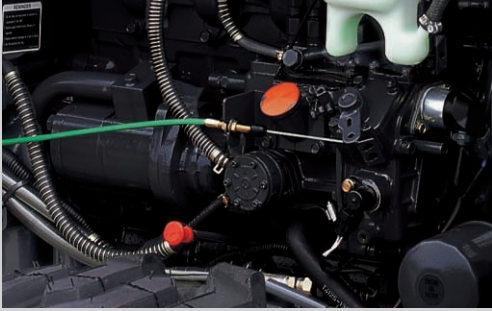
**DKSE Series** 40 hp to 50 hp high-performance utility tractors pack impressive power and smooth handling into one dependable workhorse. Fully-featured, comfortable, and ready for any job that demands a durable utility tractor.



## **Contemporary Design**

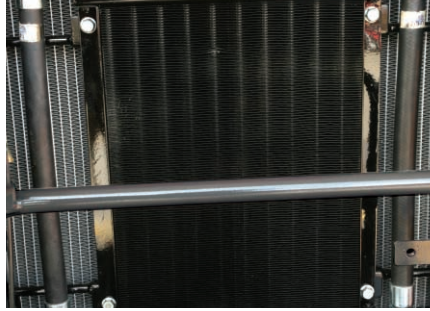
The DK SE cabs from Kioti feature a sleek design with the premium fit and finish. With a sloping hood and fenders that are integrated into the overall design, the Kioti DK SE series cab tractors have the look and feel of a fine automobile. Inside the cab, operator safety and comfort are of utmost importance.





## High Capacity Hydraulic Pump

The tandem hydraulic pump provides high flow for smoother operation and higher efficiency even under the toughest conditions.



## Radiator and Fan

A high capacity aluminum radiator and fan prevent engine over-heating even when the engine is operated at low speeds under high heat conditions. The fan design increases air flow to the radiator while minimizing dust intake and noise.



## Air Filter

An air filter cartridge protects the engine from dust and dirt resulting in prolonged engine life. Located conveniently at the front of the engine, servicing of the cartridge is simple.



## Hydraulic Filter for HST and Oil Cooler

An additional and separate filter for Kioti HST transmissions prevents possible contamination from other hydraulic systems and helps to assure full product life. A standard oil cooler for the HST system prevents system oils from overheating under heavy loads and harsh working conditions.

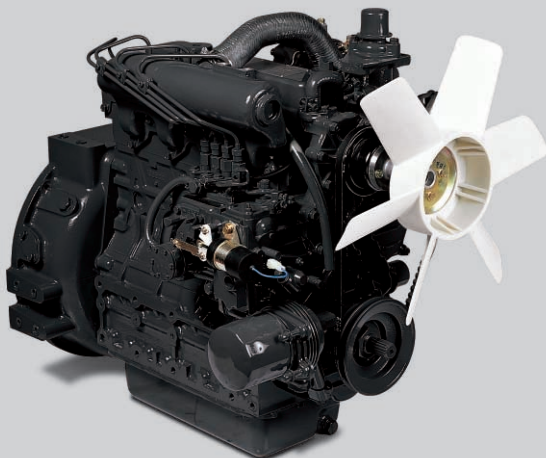
## Simple Maintenance

Kioti tractors are designed for easy access and simple maintenance. The hood opens completely exposing the top of the engine. Side panels are easily removed to expose all daily service check areas. Kioti makes daily fluid level checks easy for the owner/operator, thus assuring longer life and consistently high performance for your tractor.



## Safe Cab

All Kioti cabs meet or exceed EEC/OECD safety regulations while still providing excellent visibility to the front, rear and sides. The rear roof position of the cab's air conditioning and heating unit also allows for greater visibility of the loader and loader attachment in the full lift position. Other standard cab features include a radio/CD player as well as rear and side opening windows for ventilation.



## Environmentally Friendly Engine

The exceptionally quiet Kioti Diesel engines produce little vibration at working RPMs and meet or exceed all EPA and CARB regulations through optimal combustion and fuel economy.







*Rugged dependability in the  
SE series tractor*

#### **Instrument Panel**

All instruments are in full view of the operator. At a glance, the operator can check the engine RPM and temperature, the fuel level, and all other critical engine and tractor functions. The electronic hour meter accurately records the real working hours of the tractor.



#### **Comfortable Seat with Suspension**

A high quality, fully adjustable, suspension seat assures operator comfort for long hours of work and minimizes operator fatigue. A fully retractable seatbelt assures operator safety.



#### **Power Steering**

Power steering is standard and minimizes the effort required to make tight and repetitive turns even with a full loader bucket. With the push of a lever, the steering wheel tilts toward the operator while seated and can be moved out of the way when exiting the tractor.



#### **HST Pedal**

DKSE series Hydrostatic Transmissions (HST) employ a two pedal system for forward and reverse with smooth engagement, acceleration, and deceleration. Pedal pressure is minimized which reduces operator fatigue during long hours of use and when doing repetitive tasks.







### Hydraulic Independent PTO

The rear PTO is standard and is easily engaged by the simple push of a button and selecting either manual or automatic operation. A mid-PTO is optional and both rear and mid-PTOs can be operated independently or simultaneously.



### Hydraulic System on 3-point Hitch

Equipped with an adjustable top and lower link, attachment of implements is simple. A telescopic stabilizer and an adjustable lift rod with crank makes implement adjustment easy and precise.

Draft and position is controlled hydraulically with conveniently located operator controls. The speed of the hitch lift is also controlled by a simple load sensing valve.







Loader Model : KL401    Tractor Model : DK40SE/DK45SE/DK50SE

Front End Loader

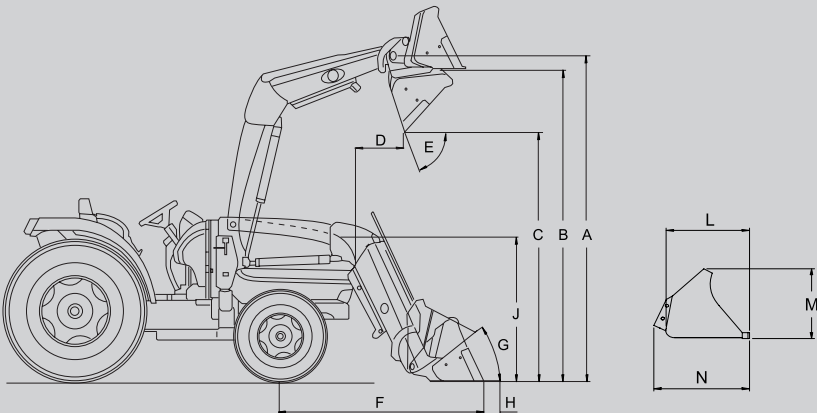
The Kioti KL401 front loaders are specifically designed for the DKSE series tractors, providing efficient performance with single lever joystick control. The Kioti loader with quick attach bucket is designed to be easily attached and detached.

Loader Specifications

Model	KL401
Counter Ballast	1,048lbs (475kg)
A Maximum lift height to pivot pin	107.8 (2,738mm)
B Maximum lift height under level bucket	105.5 (2,680mm)
C Clearance with bucket dumped	79.9 (2,029mm)
D Reach at maximum lift height	16.1 (409mm)
E Maximum dump angle	73 °
F Reach with bucket on ground	73.6 (1,869mm)
G Maximum rollback angle	30 °
H Digging depth	-6.7 (-170mm)
J Overall height in carry position	52.7 (1,339mm)
L Depth (Horizontal distance)	20.7 (526mm)
M Height (Overall vertical height)	22.6 (574mm)
N Length (Horizontal distance)	25.9 (658mm)
Lift capacity to maximum height at pivot pin	2,761lbs (1,252kg)
Breakout force at pivot pin	3,727lbs (1,691kg)
Bucket rollback force at ground line	4,633lbs (2,101kg)
Relief valve setting (Loader control valve)	176 bar (2,556psi)
Rated flow (Tractor hyd. system)	10 gpm (38ℓ /min)
Attachment (Bucket size)	72 (1,829mm) (QA)

Items	1,500 / 2,000 / 2,600rpm
Raise boom	7.6 / 5.7 / 4.5
Lower boom	4.9 / 4.8 / 4.7
Dump bucket	2.2 / 1.9 / 1.5
Retract bucket	2.3 / 2.2 / 2.1
Loader model	KL401

Specifications and design are subject to change without notice.



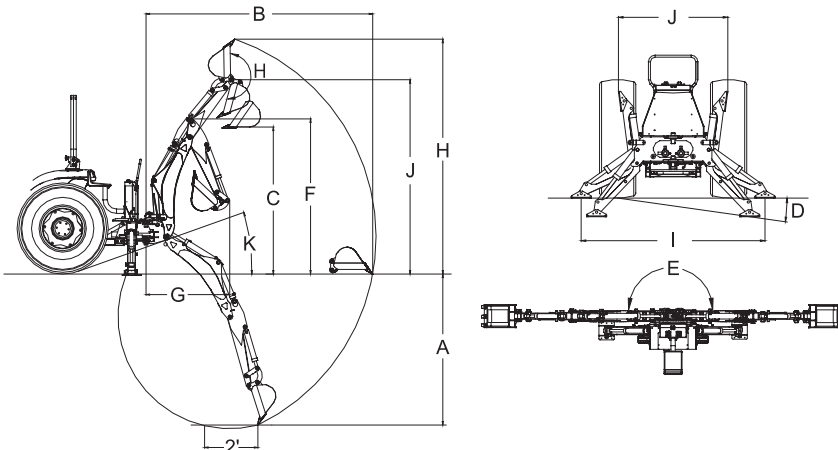




Backhoe Model : KB2485 Tractor Model : DK40SE/DK45SE/DK50SE

## Backhoe

The subframe-mounted KB2485 backhoes can be easily attached and detached using locking pins and quick-connect hydraulics. The Backhoe's offset subframe design provides a large approach angle for the easiest trailer loading in its class.



## Backhoe Specifications

KB2485	
A Digging Depth (two foot flat bottom)	94.4" (2,400 mm)
B Reach from center line of Swing Pivot	136.1" (3,460mm)
C Loading Height (bucket at 60°)	80.3" (2,040mm)
D Maximum Leveling Angle	10°
E Swing Arc	180°
F Transport Height (maximum)	92.9" (2,360mm)
G Transport Overhang	50.4" (1,280mm)
H Bucket Rotation	180°
I Stabilizer Spread (down position)	68.7" (1,745mm)
J Stabilizer Spread (up position)	46.4" (1,180mm)
K Angle of Departure	21°
Shipping Weight (without bucket)	1,102lbs (500Kg)
Bucket Digging Force	3,748lbs (1700Kg)
Dipperstick Digging Force	2,205lbs (1000Kg)
Operating Pressure	2,466psi (170bar)

## Cylinders

Cylinder	Bore DIA inch(mm)	Retracted Length inch(mm)	Stroke inch(mm)	Rod DIA inch(mm)
Boom	2.75 (70)	25.04 (636)	15.20 (386)	1.57 (40)
Bucket	2.36 (60)	24.80 (630)	15.55 (395)	1.38 (35)
Dipperstick	2.75 (70)	27.87 (708)	19.88 (505)	1.57 (40)
Swing	2.36 (60)	15.67 (398)	8.78 (223)	1.38 (35)
Stabilizer	2.36 (60)	17.56 (446)	10.31 (262)	1.38 (35)

## Buckets

Bucket	Teeth Q'TY	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

Specifications and design are subject to change without notice.



# Specifications



ISO 9001  
NO:954596



ISO 14001  
NO:771475



OHSAS 18001  
NO:K033008

MODEL		DK40SE		DK40SE HST(C)		DK45SE(C)		DK45SE HST(C)		DK50SE		DK50SE HST(C)	
ENGINE													
Model		4A200LWM		4A200LWH		4A220LWM		4A220LWH		4B243LWM		4B243LWH	
Type		4Cyl., In-line Vertical, Water-cooled 4-cycle diesel engine				4Cyl., In-line Vertical, Water-cooled 4-cycle diesel engine				4Cyl., In-line Vertical, Water-cooled 4-cycle diesel engine			
Engine gross HP(KW)		41(30.5)				45(33.6)				49(36.6)			
PTO HP(KW)		34(25.3)		32.5(24.2)		38 (28.3)		36(26.8)		41.7(30.7)		37.5(27.9)	
PTO (Cab)		N/A		32.5 (24.2)		38 (28.3)		36(26.8)		N/A		37.5(27.9)	
Displacement cu.in.(cc)		121.98(1,999)				134.06(2,197)				148.59(2,435)			
Rated revolution rpm		2,600				2,600				2,600			
Fuel tank capacity u.s.gal(ℓ )		11.9(45)				11.9(45)				11.9(45)			
DRIVE TRAIN													
Clutch		Dry single stage		None		Dry single stage		None		Dry single stage		None	
Transmission		Synchro shuttle		Hydrostatic Drive		Synchro shuttle		Hydrostatic Drive		Synchro shuttle		Hydrostatic Drive	
Speeds		F12/R12		3 Range HST		F12/R12		3 Range HST		F12/R12		3 Range HST	
Differential lock		Standard				Standard				Standard			
Brake		Wet Disc				Wet Disc				Wet Disc			
PTO		Hydraulic, Independent				Hydraulic, Independent				Hydraulic, Independent			
Rear PTO (Standard) rpm		540				540				540			
Mid PTO (Option) rpm		(2,000)				(2,000)				(2,000)			
HYDRAULIC SYSTEM													
Pump		Gear(Tandem)				Gear(Tandem)				Gear(Tandem)			
Pump capacity (Max. flow rate) gpm(ℓ /min)		16.8(63.9)				16.8(63.9)				16.8(63.9)			
⇒ Pump capacity (rpm)													
3-point hitch		Cat. I				Cat. I				Cat. I			
Maximum Lifting Capacity at 24" aft of hitch lbs.(kg)		2,493(1,131)				2,493(1,131)				2,493(1,131)			
Hydraulic lift control system		Position, Draft, Mixed control				Position, Draft, Mixed control				Position, Draft, Mixed control			
Steering		Hydrostatic Power Steering				Hydrostatic Power Steering				Hydrostatic Power Steering			
TIRE SIZE													
Front AG. (TURF, INDUSTRIAL)		8-16/6(29x12.5-15/4, 10x16.5/6)				8-16/6(29x12.5-15/4, 10x16.5/6)				8-16/6(29x12.5-15/4, 10x16.5/6)			
Rear AG. (TURF, INDUSTRIAL)		13.6-24/6(21.5L-16.1/4, 14.9x24/8)				13.6-24/6(21.5L-16.1/4, 14.9x24/8)				13.6-24/6(21.5L-16.1/4, 14.9x24/8)			
TRAVELING SPEEDS													
Forward at Rated Engine RPM mph(km/h)		0.9-15.7(1.5-25.3)		0-15.6(0-25.1)		0.9-15.7(1.5-25.3)		0-15.6(0-25.1)		0.9-15.7(1.5-25.3)		0-15.6(0-25.1)	
Reverse at Rated Engine RPM mph(km/h)		0.9-14.8(1.4-23.8)		0-10.9(0-17.6)		0.9-14.8(1.4-23.8)		0-10.9(0-17.6)		0.9-14.8(1.4-23.8)		0-10.9(0-17.6)	
DIMENSIONS													
Overall length (includes 3-pt hitch) in.(mm)		134.2(3,410)				134.2(3,410)				134.2(3,410)			
Overall width (minimum tread) in.(mm)		63.9(1,625)				63.9(1,625)				63.9(1,625)			
Overall height (from top of ROPS) in.(mm)		95.0(2,415)				96.2(2,443)				95.0(2,415)			
Overall height (from top of Cabin) in.(mm)		N/A		96.3(2,445)		97.8(2,485)		97.8(2,485)		N/A		97.8(2,485)	
Wheelbase in.(mm)		74.0(1,880)				74.0(1,880)				74.0(1,880)			
Min. ground clearance in.(mm)		14.7(375)				14.7(375)				14.7(375)			
Tread	Front (AG) in.(mm)	49.1(1,248)				49.1(1,248)				49.1(1,248)			
	Rear (AG) in.(mm)	49.7-58.6(1,262~1,490)				49.7-58.6(1,262~1,490)				49.7-58.6(1,262~1,490)			
Min. turning radius(with brake) feet(m)		9.5(2.91)				9.5(2.91)				9.5(2.91)			
Weight with ROPS and AG tires lbs.(kg)		3,924(1,780)		3,847(1,745)		3,950(1,792)		3,924(1,780)		3,968(1,800)		3,935(1,785)	
Weight with Cabin and AG tires lbs.(kg)		N/A		4,299(1,590)		4,396(1,994)		4,365(1,980)		N/A		4,365(1,980)	

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## Standard Equipment

- Telescopic 3 point Hitch Ends
- Telescopic Stabilizers
- Crank Adjustable Lift Link
- One Lever Joy Stick For Loader Operation
- Foldable ROPS
- Hydrostatic Power Steering
- Rear Differential Lock
- Foot Throttles(Mechanical)
- Removable Drawbar
- Oil Cooler(HST)
- Head Lights/Safety Light
- Tilt Steering Wheel
- Wet Disc Brake
- Adjustable Seat with Seat Belt
- Remote Hyd. Valve (Detent D/V 1 Valve)

## Cabin only Standard Equipment

- Air Conditioner / Heater
- CD Player (with Radio)
- Speaker (2EA, including grill)
- Sunvisor
- Cup Holder (3EA)
- Mobile Phone Holder

## Optional Equipment

- 2nd. Remote Hydraulic Valve
- Rear & Front Weights
- Sunshade (ROPS)
- Mid PTO
- Trailer Electrical Outlet (7 Pin Sockket)

## Available KIOTI Implements

- Front End Loader
- Backhoe
- Mower
- Tiller



### KIOTI Tractor Division

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Dealer Imprint Area

Part Number LIT-DKSE-ALL-01