



KIOTI UTILITY TRACTOR

DK35SE/DK40SE/DK45SE/DK50SE



It all happens by design

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



DKSE Series 35 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 new 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.



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.



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.



Radiator and Fan

A new 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.

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 Cabin

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.





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.



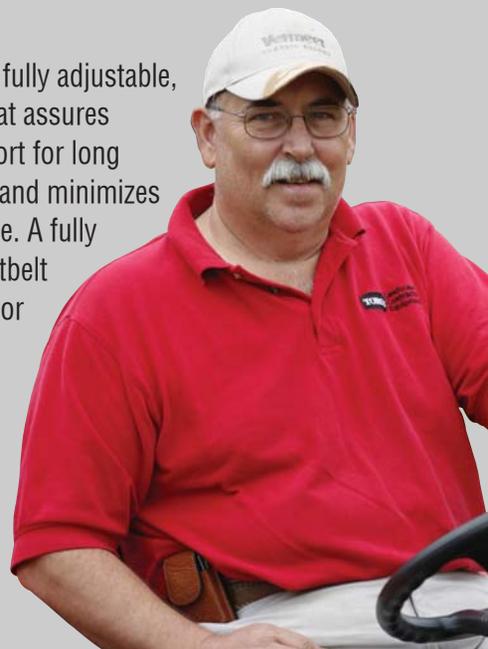
HST Pedal

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.





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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.

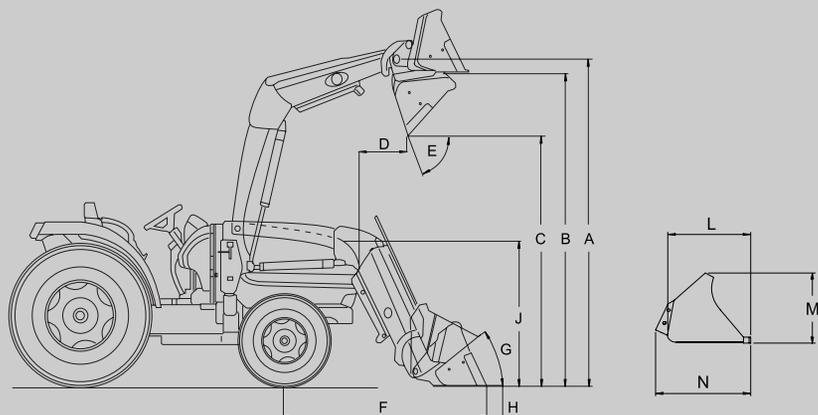




Loader Model : KL351/KL401 Tractor Model : DK35SE/DK40SE/DK45SE/DK50SE

Front End Loader

The Kioti KL351 and 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	KL351	KL401
Counter Ballast	1,010 lbs	1,048 lbs
A Maximum lift height to pivot pin	102.4"	107.8"
B Maximum lift height under level bucket	97.6"	105.5"
C Clearance with bucket dumped	79.1"	79.9"
D Reach at maximum lift height	25.6"	16.1"
E Maximum dump angle	50°	73°
F Reach with bucket on ground	69.6"	73.6"
G Maximum rollback angle	30°	30°
H Digging depth	-3.5"	-6.7"
J Overall height in carry position	49.2"	52.7"
L Depth (Horizontal distance)	20.7"	20.7"
M Height (Overall vertical height)	22.6"	22.6"
N Length (Horizontal distance)	25.9"	25.9"
Lift capacity to maximum height at pivot pin	1,412 lbs	2,761 lbs
Breakout force at pivot pin	2,640 lbs	3,727 lbs
Bucket rollback force at ground line	2,750 lbs	4,633 lbs
Relief valve setting (Loader control valve)	2,556 psi	2,556 psi
Rated flow (Tractor hyd. system)	10 GPM	10 GPM
Attachment (Bucket size)	66"(QA)	72"(QA)

Items	1,500 / 2,000 / 2,600rpm	1,500 / 2,000 / 2,600rpm
Raise boom	5.1 / 4.3 / 3.6	7.6 / 5.7 / 4.5
Lower boom	2.6 / 2.5 / 2.3	4.9 / 4.8 / 4.7
Dump bucket	1.7 / 1.4 / 1.0	2.2 / 1.9 / 1.5
Retract bucket	3.3 / 2.9 / 2.3	2.3 / 2.2 / 2.1
Loader model	KL351	KL401



Backhoe Model : KB2485 Tractor Model : DK35SE/DK40SE/DK45SE/DK50SE

Backhoe

The subframe-mounted KB2485 backhoe 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

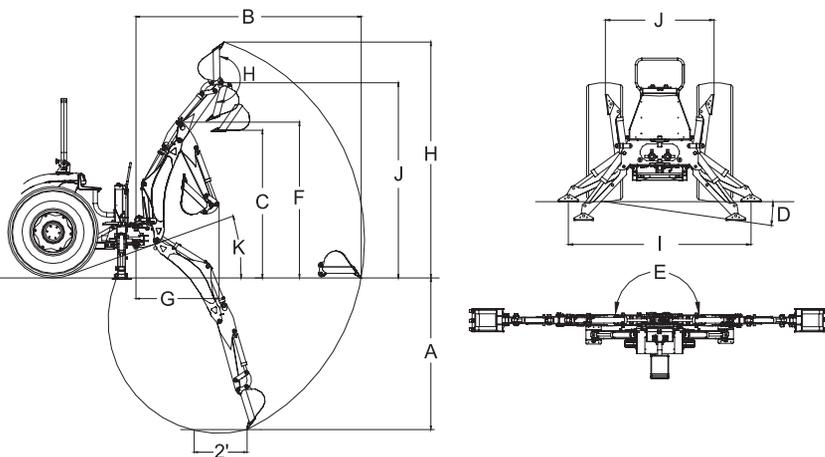
A	Digging Depth (two foot flat bottom)	2,400mm	94.4"
B	Reach from center line of Swing Pivot	3,460mm	136.1"
C	Loading Height (bucket at 60°)	2,040mm	80.3"
D	Maximum Leveling Angle	10°	10°
E	Swing Arc	180°	180°
F	Transport Height (maximum)	2,360mm	92.9"
G	Transport Overhang	1,280mm	50.4"
H	Bucket Rotation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

Cylinders

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

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



ISO 9001
NO: 95 45 96



ISO 14001
NO: 771 475



OHSAS 18001
NO: K033008

MODEL	DK35SE	DK35SE HST(C)	DK40SE	DK40SE HST(C)	DK45SE(C)	DK45SE HST(C)	DK50SE	DK50SE HST(C)
ENGINE								
Model	3B183LWM	3B183LWH	4A200LWM	4A200LWH	4A220LWM	4A220LWH	4B243LWM	4B243LWH
Type	3Cyl., 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		4Cyl., In-line Vertical, Water-cooled 4-cycle diesel engine	
Engine gross HP(KW)	38(28.3)		41(30.5)		45(33.6)		49(36.6)	
PTO HP(KW)	28.5(21.2)	27(20.1)	34(25.3)	32.5(24.2)	38 (28.3)	36(26.8)	41.7(30.7)	37.5(27.9)
PTO (Cabin)	N/A	27 (20.1)	N/A	32.5 (24.2)	38 (28.3)	36(26.8)	N/A	37.5(27.9)
Displacement cu.in.(cc)	111.43(1,826)		121.98(1,999)		134.06(2,197)		148.59(2,435)	
Rated revolution rpm	2,600		2,600		2,600		2,600	
Fuel tank capacity u.s.gal(ℓ)	11.9(45)		11.9(45)		11.9(45)		11.9(45)	
DRIVE TRAIN								
Clutch	Dry single stage	None						
Transmission	Synchro shuttle	Hydrostatic Drive						
Speeds	F12/R12	3 Range HST						
Differential lock	Standard		Standard		Standard		Standard	
Brake	Wet Disc		Wet Disc		Wet Disc		Wet Disc	
PTO	Hydraulic, Independent		Hydraulic, Independent		Hydraulic, Independent		Hydraulic, Independent	
Rear PTO (standard) rpm	540		540		540		540	
Mid PTO (Option) rpm	(2,000)		(2,000)		(2,000)		(2,000)	
HYDRAULIC SYSTEM								
Pump	Gear(Tandem)		Gear(Tandem)		Gear(Tandem)		Gear(Tandem)	
Pump capacity(Max. flow rate) → Pump capacity(rpm) gpm(ℓ/min)	15.2(57.8)		16.8(63.9)		16.8(63.9)		16.8(63.9)	
3-point hitch	Cat. I		Cat. I		Cat. I		Cat. I	
Maximum Lifting Capacity at 24" aft of hitch lbs.(kg)	2,383(1,081)		2,493(1,131)		2,493(1,131)		2,493(1,131)	
Hydraulic lift control system	Position, Draft, Mixed control							
Steering	Hydrostatic Power Steering							
TIRE SIZE								
Front AG.(TURF, INDUSTRIAL)	7-16/6(27x8.5-15/4, 27x10.5-15/6)		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)	12.4 - 24/6(41x14-20/4, 43x16-20/4)		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)	0.9-15.0(1.4-24.2)	0-14.9(0-24)	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)	0.8-14.1(1.3-22.7)	0-10.4(0-16.8)	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)	129.1(3,280)		134.2(3,410)		134.2(3,410)		134.2(3,410)	
Overall width(minimum tread) in.(mm)	61.6(1,565)		63.9(1,625)		63.9(1,625)		63.9(1,625)	
Overall height(from top of ROPS) in.(mm)	93.1(2,364)		95.0(2,415)		96.2(2,443)		95.0(2,415)	
Overall height(from top of Cabin) in.(mm)	N/A	95.3 (2,420)	N/A	96.3(2,445)	97.8(2,485)	97.8(2,485)	N/A	97.8(2,485)
Wheelbase in.(mm)	69.5(1,767)		74.0(1,880)		74.0(1,880)		74.0(1,880)	
Min. ground clearance in.(mm)	14.3(365)		14.7(375)		14.7(375)		14.7(375)	
Tread Front(AG) in.(mm)	49.0(1,245)		49.1(1,248)		49.1(1,248)		49.1(1,248)	
Tread Rear(AG) in.(mm)	48.7-53.0(1,237-1,347)		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)	9.3(2.85)		9.5(2.91)		9.5(2.91)		9.5(2.91)	
Weight with ROPS and AG tires lbs.(kg)	3,675(1,667)	3,668(1,664)	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	4,133(1,875)	N/A	4,299(1,590)	4,396(1,994)	4,365(1,980)	N/A	4,365(1,980)

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 Socket)

Available KIOTI Implements

- Front End Loader
- Backhoe
- Mower
- Tiller



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Dealer Imprint Area

Part Number LIT-DKSE-ALL-01