

DS3510

KIOTI UTILITY TRACTOR




KIOTI
run ahead of the pack

Innovative Design

The slanted hood design on the DS3510 tractor ensures the best visibility in its class as well as creating an attractive, sleek profile.

Powerful Hydraulics

A large hydraulic pump provides the power to operate implements smoothly with higher productions levels.

Downward Engine Exhaust

The muffler/exhaust system is located inside the engine compartment for better visibility and neater appearance.

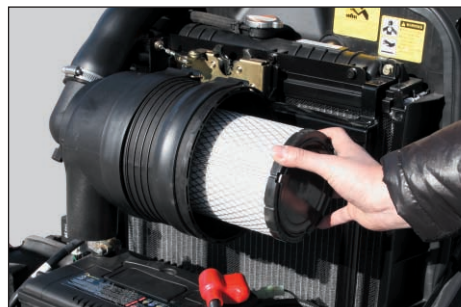
Environmentally Friendly Engine

The Daedong 3A165LWD(1647cc, 34HP) diesel engine is environmentally friendly and meets or exceeds EPA, CARB, and EEC regulations. It supplies a large output, offers low fuel consumption, greater durability, and creates less noise and low vibration.



Power Steering

Responsive, powerful and comfortable steering reduces operator fatigue. The power steering system is robustly designed for maneuvering in soft soil and for front loader operation.



Engine Air Filtration

The canister designed air filtration protects the engine from harmful dust and dirt, prolonging engine life.



Instrument Panel

Tachometer, hour meter, fuel and temperature gauges, battery charge lamp and other instruments are ergonomically located for easy viewing.



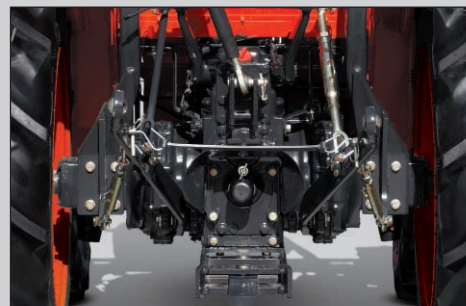
8x8 Transmission with Shuttle Shift

8 forward and 8 reverse speeds along with shuttle shift is the perfect combination for those back and forth front-end loader operations. The synchronized main gearshift allows quick and easy shifting. The main transmission shifter is located to the side of the steering wheel providing more room and less obstruction on the center deck, increasing operator comfort and safety.



Live PTO with Dual Stage Clutch

Depressing the clutch halfway will stop tractor's movement. Depressing the clutch all the way down will disengage the PTO. The new, larger diameter, dual stage clutch offers more durability and more power.



3 Point Hitch

With an adjustable right side lift rod and top link, you can easily attach implements. The DS3510 out-lifts other tractors in its class because of its heavier and longer chassis.

Foldable ROPS

The standard fold-down roll bar makes it quick and easy to maneuver in low-clearance areas.



Specifications



ISO 9001
NO:954596



ISO 14001
NO:771475



OHSAS 18001
NO:K033008

MODEL		DS3510
ENGINE		
Model		3A165LWD
Type		3Cyl., In-line Vertical, Water-Cooled 4-Cycle Diesel Engine
Engine Gross	HP(KW)	34(25.4)
PTO	HP(KW)	27.6(20.6)
Displacement	cu.in.(cc)	100.5(1,647)
Rated Revolution	rpm	2600
Fuel Tank Capacity	u.s.gal(ℓ)	7.9(30)
DRIVE TRAIN		
Clutch		Dual Stage, Dry
Transmission		Constant shuttle
Speeds		8F/8R
Differential Lock		Rear Standard
Brake		Wet disc type
PTO		Live
Rear PTO (standard)	rpm	540, 1000
HYDRAULIC SYSTEM		
Pump		Gear(Tandem)
Pump Capacity(Max. flow rate)	gpm(ℓ /min)	12.7(48.3)
3-Point Hitch		Category I
Maximum Lifting Capacity at 24 aft. of hitch	lbs.(kg)	2238(1015)
Hydraulic Lift Control System		Position Control
Steering		Hydrostatic Power Steering
TIRE SIZE		
Front AG.(TURF, INDUSTRIAL)		7-14(27x8.50-15, 25x8.5-14)
Rear AG.(TURF, INDUSTRIAL)		11.2-24(41x14-20, 15-19.5)
TRAVELING SPEEDS		
Forward	mph(km/h)	0.83-11.89(1.34-19.14)
Reverse	mph(km/h)	0.76-10.84(1.22-17.45)
DIMENSIONS		
Overall Length(includes 3-pt hitch)	in.(mm)	113(2872)
Overall Width(minimum tread)	in.(mm)	51.7(1314)
Overall Height(from top of ROPS)	in.(mm)	88.6(2250)
Wheelbase	in.(mm)	64.6(1640)
Min. Ground Clearance	in.(mm)	10.8(275)
Tread	Front(AG)	in.(mm) 43.5(1105)
	Rear(AG)	in.(mm) 40.2-49.9(1020-1268)
Min. Turning Radius(with brake)	feet(m)	9.5(2.9)
Weight with ROPS	lbs.(kg)	2897(1314)

* Specifications and design are subject to change without notice.

MODEL		KL352
Maximum Lift Height		92.5"
Clearance w/ Attachment Level		85.7"
Clearance w/ Attachment Dumped		73.6"
Reach at Maximum Height		17.8"
Maximum Dump Angle		52°
Reach w/ Attachment on Ground		59.88"
Maximum Rollback Angle		37°
Digging Depth Below Grade		5.31"
Overall Height in Carry Position		49.6"
Depth of Attachment (to back of inner shell)		17.71"
Height of Attachment		18.50"
Depth of Attachment (to pivot pin)		19.96"
Bucket Size		60"
Rated Bucket Capacity		7.06 cu.ft.
Heaped Bucket Capacity		9.53 cu.ft.
Ballast Box attached to 3-Point		700 lbs
Relief Valve Setting (Loader Control Valve)		2,000 psi
Rated Flow (Tractor System)		12.7 GPM
Approximate Weight with Bucket		770 lbs
Bucket Size Used for Specification		60"
Lift Capacity to Full Height at Pivot Pins		1,155 lbs
Breakout Force at Pivot Pin		2,046 lbs
Lift Cylinders		1.77"x24.09"
Bucket Cylinder		1.77"x23.19"
Raise Boom (seconds)		3.9
Lower Boom (seconds)		2.8
Dump Bucket (seconds)		2.7
Retract Bucket (seconds)		2.4

MODEL		KB2475
Digging Depth		89.7"
Reach (From center of Swing Pivot)		125.1"
Loading Height (Bucket at 60 degrees)		72.4"
Swing Arc		180°
Transport Height (Maximum)		83.5"
Transport Overhang		49.0"
Bucket Rotation		180°
Stabilizer Spread (Down Position)		68.7"
Stabilizer Spread (Up Position)		46.4"
Shipping Weight (Less Bucket)		1,069 lbs
Bucket Digging Force		2,817.5 lbs
Dipperstick Digging Force		2,105 lbs
Operating Pressure		2,466 psi

Standard Equipment

- Power Steering
- Differential Lock
- Rear PTO
- Wet Disc Brakes
- Hyd. Pump w/Diverting Block
- Hand & Foot Throttles
- Adjustable Drawbar
- Adjustable Seat
- Headlights
- Safety Lights
- Safety Start Switch
- Foldable Rops w/Seat Belt

Optional Equipment

- Front Weights
- Rear Wheel Weights
- 7 Pin Trailer Plug
- Remote Valve

Available Implements

- Front End Loader
- Backhoe
- Tiller
- Mower



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