

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

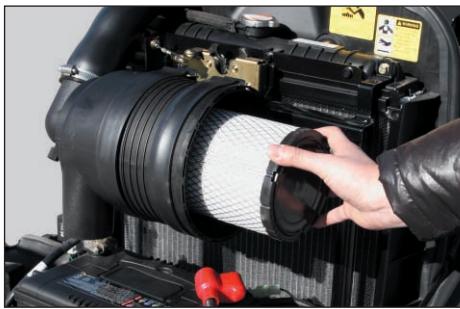
A large hydraulic pump provides the power to operate implements smoothly with higher production levels.

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.

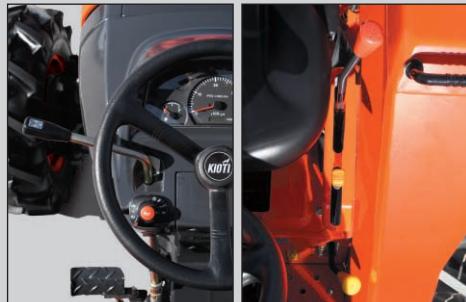


Engine Air Filtration

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.



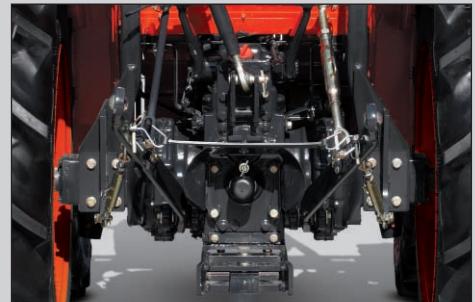
8x8 Transmission with Shuttle Shift

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.

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



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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" x 24.09"	
Bucket Cylinder	1.77" x 23.19"	
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	

Optional Equipment

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

Available Implements

- Front End Loader
- Backhoe
- Tiller
- Mower