

CS Series

KIOTI SUB-COMPACT TRACTOR




KIOTI[®]
run ahead of the pack



Premium Diesel Engine

A 21.1, 24.5 HP optimized combustion diesel engine has large power output yet low fuel consumption. Fluid service and inspection locations are easily accessible to the operator.



Four Wheel Drive

4WD is standard on the CS2210/CS2510 tractor and a single lever engages the 4WD.



Headlights

55W lamps are the brightest in this tractor's class.

KIOTI CS SERIES

*Easy to Operate, Rugged
and Powerful*



Distinctive Hood Design

The streamlined hood design improves the visibility for the operator.

A vertical opening hood allows for easy access to the air filter, fluid service and inspection locations fuse box and electrical components.

60°



Foldable ROPS

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



Left Hand Lever Controls

The HST with HI-LO range lever allows the tractor to overcome a wide range of load tasks. The rear PTO and mid PTO can be controlled separately or together with a simple in-line shifting lever. The height adjustment lever allows the operator to control the mid-mount mower grass cutting height easily.



Rear PTO and 3-Point Hitch

The rear PTO and high capacity three point hitch can accommodate a variety of implements and attachments. The flip up PTO guard ensures easy implement attachment. The bent lower link assists with easy implement installation.



Ergonomic Operator Station

The ergonomically designed work station places operator controls within easy reach to enjoy a comfortable and smooth ride. A retractable seat belt and operator presence switch are included for safety.

Right Hand Lever Controls

The wet multi-disk PTO clutch has a simple mechanical engaging lever. The 3 point lower link lever easily operates the 3 point hitch by simply pushing or pulling the lever.

Mid PTO

The standard mid PTO (2,200 rpm) allows you to use implements such as a mid-mount mower.

12V Power Outlet

The standard 12 volt power outlet is available for accessories.

Power Steering

Power steering is standard and minimizes the effort required to make tight and repetitive turns even with a full loader bucket.

Illuminated Dashboard

The dashboard illuminates when the engine is started. The digital gauge package includes tachometer, fuel and temperature gauges along with low fuel warning lamp.

Twin HST Pedals

Twin HST pedals allow easy and quick 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.





Backhoe Model : SB2410

Backhoe Specification

MODEL	SB2410L
Digging Depth (two foot flat bottom)	72.8" (1,850mm)
Reach from center line of Swing Pivot	105.7" (2,684mm)
Loading Height (bucket at 60°)	59.1" (1,500mm)
Maximum Leveling Angle	8°
Swing Arc	150°
Transport Height (maximum)	68.1" (1,729mm)
Transport Overhang	41.3" (1,050mm)
Bucket Rotation	165°
Stabilizer Spread (down position)	78.0" (1,981mm)
Stabilizer Spread (up position)	54.0" (1,372mm)
Angle of Departure	14.5°
Shipping Weight (without bucket)	635lbs (288Kg)
Bucket Digging Force	2,105lbs (955Kg)
Dipperstick Digging Force	1,183lbs (537Kg)
Pressure	1,159 lbs. (526Kg) / 1,885 psi (130bar)

Cylinder

Cylinder	Bore DIA	Retracted Length	Stroke	Rod DIA
Boom	2.36	22.64	14.37	1.38
Bucket	2.36	21.06	11.42	1.38
Dipperstick	2.36	20.63	11.93	1.38
Swing	2.36	15.24	7.87	1.38
Stabilizer	1.97	18.31	10.43	1.18

Buckets

Bucket	Teeth Q'ty	Struck Capacity	Heaped Capacity	Shipping Weight
8" Bucket	3	0.60 cu. ft.	0.70 cu. ft.	61.7 lbs.
12" Bucket	3	0.92 cu. ft.	1.18 cu. ft.	75 lbs.
16" Bucket	3	1.22 cu. ft.	1.64 cu. ft.	86 lbs.

* Specifications and design are subject to change without notification

Loader Specification

MODEL	SL2410
Counter Ballast	1,055 lbs.
Maximum Lift Height To Pivot Pin	71.3" (1,810mm)
Maximum Lift Height Under Level Bucket	64.5" (1,638mm)
Clearance With Bucket Dumped 45 Degrees	51" (1,295mm)
Reach At Maximum Lift Height	26.7" (678mm)
Maximum Dump Angle	45°
Reach With Bucket on Ground	52.4" (1,332mm)
Maximum Rollback Angle	27°
Dig Depth	5.1" (130mm)
Overall Height in Carry Position	36.4" (925mm)
Depth (Horizontal Distance)	19.9" (507mm)
Height (Overall Vertical Height)	18.1" (459mm)
Length (Horizontal Distance)	23.1" (588mm)
Lift Capacity to Maximum Ht. at Bucket Pivot Pin	675.3 lbs. (306.3kg)
Breakout Force at Bucket Pivot Pin	1,332 lbs. (604kg)
Bucket Rollback Force at Ground Line	1,109 lbs. (503kg)
Relief Valve Setting (Loader Control Valve)	130~135 kg/cm ²
Rated Flow (Tractor Hydraulic System)	3.5 GPM (13.4 LPM)
Bucket Size (QA)	48"

Cycle time(sec)	1500 rpm	2000 rpm	3000 rpm
Raise Boom	16	8.1	3.8
Lower Boom	2.3	2.2	2.1
Dump Bucket	6.2	2.8	2.3
Retract Bucket	2.9	2.3	2.2

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Mid Mount Mower Specification

MODEL	SM2410	MODEL	SM2410
Discharge Type	Side Discharge	Blade Length	20.4 (517mm)
Cutting Width	60 (1,524 mm)	Deck Thickness	0.13 (3.2mm)
Cutting Height	1~4 (25.4~101.6 mm)	Total Width	73.4 (1,865mm)
Transport Height	6 (152.4 mm)	Total Length	37.9 (962mm)
Gear Type	Spiral Bevel	Total Height	10.8 (273mm)
Number of Blades	3	Drive Type	U-Joint & V-Belt
Blade Spindle Speed	2888 rpm	Lifting Type	3 Point Hitch Links
Blade Tip Velocity	2888 rpm	Compatible with Loader and Backhoe	Yes

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Loader Model : SL2410

Specifications



MODEL		CS2210	CS2510
ENGINE			
Model		S773L-F21	S773L
Type		3 Cyl., Diesel with Pressurized Radiator	
Engine Gross	HP(KW)	21.1(15.7)	24.5(18.3)
PTO	HP(KW)	18.7(13.9)	19.4(14.4)
Displacement	cu. in. (cc)	69.0(1131)	
Rated Revolution	rpm	3000	
Fuel Tank Capacity	us gal(ℓ)	6.7(25.5)	
DRIVE TRAIN			
Transmission		HST	
Speeds		Infinite, 2 range	
Differential Lock		Rear standard	
Brake		Wet Muti Disc	
PTO		Independent	
Rear PTO (standard)	rpm	540	
Mid PTO (standard)	rpm	2200	
HYDRAULIC SYSTEM			
Pump		Gear	
Pump Capacity (Max. flow rate)	gpm(lpm)	6.5(24.6)	
3-Point Hitch		Category I	
Maximum lifting capacity (24" aft. of hitch)	lbs (kg)	700(318)	
Hydraulic Lift Control System		Position	
Steering		Power Steering	
TIRE SIZE			
Front AG.(TURF, INDUSTRIAL)		18X8.5-10(18X8.5-10)	
Rear AG.(TURF, INDUSTRIAL)		26X12.00-12(26X12.00-12)	
TRAVELING SPEEDS			
Forward	mph (km/h)	0 ~ 10.31(0 ~ 16.6)	
Reverse	mph (km/h)	0 ~ 6.96(0 ~ 11.2)	
DIMENSIONS			
Overall Length (includes 3-pt hitch)	in.(mm)	99.3 (2,523)	
Overall Width (minimum tread)	in.(mm)	46.7 (1,185)	
Overall Height	in.(mm)	88 (2,226)	
Wheelbase	in.(mm)	55.1 (1,400)	
Min. Ground Clearance	in.(mm)	6.4 (162)	
Tread	Front (AG)	in.(mm)	45.3 (1,150)
	Rear (AG)	in.(mm)	46.7 (1,185)
Min. Turning Radius (with brake)	ft(m)	8.2 (2.54)	
Weight with AG. Tires	lbs (kg.f)	1,485 (675)	

*NOTE : Specifications and design are subject to change without notice.

Standard Equipment

- Rear PTO
- Mid PTO
- Joystick Valve¹
- Power Steering
- Parking Brake
- PTO Cover
- Headlights
- Warning / Signal Lamps
- Cup Holder
- Horn
- SMV Sign

* ¹When loader is purchased with tractor.

Optional Equipment

- Front Hydraulic Valve
- Rear Hydraulic Valve
- Rear Working Lights
- Front Weight (60 lbs)
- Cruise Control
- Rear View Mirror
- Canopy Kit
- Grill Guard
- Front Towing Hook
- Hydraulic Filter Guard
- Rear Wheel Weight
- Field Option Cab

Available KIOTI Attachments

- Front End Loader
- Mid Mount mower
- Backhoe

* Contact your local KIOTI dealer for available implements and attachments



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