



# CS Series

22 - 25 HP



# CS SERIES

**Big things come in small packages.**

Compact and agile to maneuver where you need to go. Powerful and versatile, so it can handle the big stuff. You'll wonder how you ever lived without a KIOTI® CS.

**Mid & Rear PTO  
HST Transmission  
Three-point Hitch**

**Power Steering  
Twin HST Pedals  
Easy Operation**





## Mid PTO

The standard mid PTO (2,200 rpm) provides the ability to operate implements such as a mid-mount mower.

## 12V Power Outlet

The standard 12 volt power outlet is available for accessories.

## 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.



## Illuminated Dashboard

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

## Power Steering

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

## Twin HST Pedals

Twin HST pedals allows easy and quick forward and reverse with smooth engagement, acceleration and deceleration. Dual pedals provide easier use which reduces operator fatigue during long hours of work and when doing repetitive tasks.



# EASY TO OPERATE, EASY TO MAINTAIN, HARD TO BEAT



## Left Hand Lever Controls

The HST with selectable 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.



## Right Hand Lever Controls

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



## Foldable ROPS

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



## Headlights

Best in class, 55W lamps provide the operator optimal visibility.



## Four Wheel Drive

Engaged by a single lever, 4WD is standard on the CS Series tractors.



## Ergonomic Operator Station

The ergonomically designed work station places operator controls within easy reach. Equipped with a seat belt and operator presence switch, the CS Series focuses on operator safety.



## Rear PTO and 3-Point Hitch

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



## Premium Diesel Engine

Fully designed and created by KIOTI, the 21 hp (15.6 kW) - 24.5 hp (18.3 kW) premium, water-cooled diesel engines have large power output, yet low fuel consumption.

# CS20 SERIES

Small in stature, massive in power.

Ergonomically designed to keep you working in comfort until the dirty work is done. Powerful, but compact for your jobs of all sizes.

KIOTI Diesel Engine

Tilt Steering Wheel

Standard Joystick Valve

Ergonomic Operator System

Hydraulic PTO

All Steel Platform





## 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°



## Illuminated Dashboard

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

## Power Steering with Tilt Wheel

Power steering makes it easy to take tight, repetitive turns. The standard tilt steering wheel ensures all operators can reach and turn the wheel comfortably.

## Twin HST Pedals

Twin HST pedals allows easy and quick forward and reverse with smooth engagement, acceleration and deceleration. Dual pedals provide easier use which reduces operator fatigue during long hours of work and when doing repetitive tasks.



# BUILT FOR COMFORT, USER FRIENDLY, HARD ON WORK



## Redesigned Operator Station and All Steel Platform

With an all-steel platform and rubber deck mat, the redesigned CS Series operator station allows the operator to easily reach all controls, making it both comfortable and user-friendly.



## Quick Attach and Detach Loader

New "pinless" design enables the operator to quickly and efficiently remove or install the loader in minutes without having to remove or install loader pins to secure it to the tractor. Additional quick attach system on the front makes switching attachments a breeze.



## 12V/USB Port

The standard 12 volt power outlet with added USB port is available for accessories.



## Hydraulic PTO

Hydraulic PTO clutch offers great durability and ease of use. Simply rotate the knob to engage or disengage the PTO.



## Standard Cruise Control

Cruise control comes standard with the KIOTI CS20, allowing operators to set and maintain desired speed.



## Mid PTO

The standard mid PTO (2,200 rpm) provides the ability to attach and operate implements such as the KIOTI mid-mount mower.



## Standard Joystick Valve

The CS 20 joystick valve gives operators convenient, comfortable and precise control over the loader to lift, lower and carry loads anywhere you desire regardless of experience or skill level.



## KIOTI Diesel Engine

Fully designed and created by KIOTI, the 21 hp (15.6 kW) - 24.5 hp (18.3 kW) premium, water-cooled diesel engines have large power output, yet low fuel consumption.



**KIOTI SUB-COMPACT  
TRACTOR**



## Mid-Mount Mower

MODEL	SM2410	SM2454	SM2460
<b>Compatible Models</b>	<b>CS10 Series</b>	<b>CS10 / CS20 Series</b>	<b>CS10 / CS20 Series</b>
Discharge Type	Side Discharge	Side Discharge	Side Discharge
Cutting Width	60 in. (1,524 mm)	54 in. (1,364 mm)	60 in. (1,524 mm)
Cutting Height	1~4 in. (25.4~101.6 mm)	.8~3.8 in. (20.3~96.5 mm)	.8~3.8 in. (20.3~96.5 mm)
Transport Height	6 in. (152.4 mm)	6 in. (152.4 mm)	6 in. (152.4 mm)
Gear Type	Spiral Bevel	Spiral Bevel	Spiral Bevel
Number of Blades	3	3	3
Blade Spindle Speed	2,888 rpm	2,888 rpm	2,888 rpm
Blade Tip Velocity	78.2 m/s	71.1 m/s	78.2 m/s
Blade Length	20.4 in. (517 mm)	18.5 in. (470 mm)	20.4 in. (517 mm)
Deck Thickness	0.13 in. (3.2 mm)	0.13 in. (3.2 mm)	0.13 in. (3.2 mm)
Total Width	73.4 in. (1,865 mm)	69.3 in. (1,760 mm)	75 in. (1,905 mm)
Total Length	37.9 in. (962 mm)	35.7 in. (908 mm)	37.9 in. (962 mm)
Total Height	10.8 in. (273 mm)	10.5 in. (267 mm)	10.8 in. (273 mm)
Drive Type	U-Joint and V-Belt	U-Joint and V-Belt	U-Joint and V-Belt
Lifting Type	3 Point Hitch Links	3 Point Hitch Links	3 Point Hitch Links
Loader / Backhoe Compatibility	Yes	Yes	Yes

## Front End Loader

MODEL	SL2410	SL2420
<b>Compatible Models</b>	<b>CS2210 / 2410 / 2510</b>	<b>CS2220 / 2520</b>
Maximum Lift Height (to Pivot Pin)	71.3 in. (1,810 mm)	73.7 in. (1,872 mm)
Clearance w/ Bucket Level	64.5 in. (1,638 mm)	68.1 in. (1,730 mm)
Clearance w/ Bucket Dumped	51 in. (1,298 mm)	54.8 in. (1,392 mm)
Reach at Maximum Height	26.7 in. (678 mm)	29.7 in. (755 mm)
Maximum Dump Angle	45°	38°
Reach w/ Bucket on Ground	52.4 in. (1,332 mm)	52.8 in. (1,342 mm)
Maximum Rollback Angle	27°	27°
Digging Depth Below Grade	5.1 in. (130 mm)	5.1 in. (130 mm)
Overall Height (in Carry Position)	36.4 in. (925 mm)	34.1 in. (867 mm)
Depth of Bucket (to back of inner shell)	19.9 in. (507 mm)	18 in. (457.3 mm)
Height of Bucket	18.1 in. (459 mm)	19 in. (484 mm)
Length of Bucket (to pivot pin)	23.1 in. (588 mm)	22.4" (569.4 mm)
Lift Capacity to Full Height (at Pivot Pins)	675.3 lbs. (306.3 kg)	1062.3 lbs. (482 kg)
Breakout Force (at Pivot Pins)	1,332 lbs. (604 kg)	1,329 lbs. (603 kg)
Bucket Rollback Force (at Ground Line)	1,109 lbs. (503 kg)	904 lbs. (410 kg)
Relief Valve Setting (Loader Control Valve)	1,900 psi (133.6 kg/cm2)	1,900 psi (133.6 kg/cm2)
Rated Flow (Tractor System)	3.5 gpm (13.4 L/min)	4.9 gpm (18.7 L/min)
Bucket Size (QA)	48 in.	48 in.
Bucket Capacity (Heaped)	6.7 cu. ft.	6.7 cu. ft.
Approximate Weight (With Bucket)	498 lbs. (226 kg)	573 lbs. (260 kg)

## Backhoe

MODEL	SB2410L	SB2420
<b>Compatible Models</b>	<b>CS2210 / 2410 / 2510</b>	<b>CS2220 / 2520</b>
Bucket Sizes	8 in. 12 in. 16 in.	8 in. 12 in. 16 in. 24 in.
Digging Depth (Two Foot Flat Bottom)	72.8 in. (1,850 mm)	72.8 in. (1,850 mm)
Reach from Center Line of Swing Pivot	105.7 in. (2,684 mm)	105.7 in. (2,684 mm)
Loading Height (Bucket at 60°)	59.1 in. (1,500 mm)	59.1 in. (1,500 mm)
Maximum Leveling Angle	8°	8°
Swing Arc	150°	150°
Transport Height (Maximum)	68.1 in. (1,729 mm)	68.1 in. (1,729 mm)
Transport Overhang	41.3 in. (1,050 mm)	41.3 in. (1,050 mm)
Bucket Rotation	165°	165°
Stabilizer Spread (Down Position)	78 in. (1,981 mm)	78 in. (1,981 mm)
Stabilizer Spread (Up Position)	54 in. (1,372 mm)	54 in. (1,372 mm)
Angle of Departure	14.5°	20°
Shipping Weight (Without Bucket)	635 lbs. (288 Kg)	635 lbs. (288 Kg)
Bucket Digging Force	2,105 lbs. (955 Kg)	2,105 lbs. (955 Kg)
Dipperstick Digging Force	1,183 lbs. (537 Kg)	1,183 lbs. (537 Kg)
Operating Pressure	1,885 psi. (130 bar)	1,885 psi. (130 bar)

\* Specifications and design are subject to change without notice.





ISO 9001  
NO.954596



ISO 14001  
NO.771475



OHSAS 18001  
NO.K033008

## SPECIFICATIONS

MODEL		CS2210	CS2220	CS2510	CS2520	
<b>ENGINE</b>						
Model		3C100LWH-U3	3C100LWH-U3	3C100LFH-U2	3C100LFH-U2	
Type		Liquid Cooled 3 Cyl., Diesel				
Engine Gross	hp (kW)	21 (15.6)	21 (15.6)	24.5 (18.3)	24.5 (18.3)	
PTO @ Rated PTO rpm	hp (kW)	16.3(12.2)	16.3(12.2)	18.5(13.9)	18.5(13.9)	
Displacement	cu. in. (cc)	61.5(1,007)	61.5(1,007)	61.5(1,007)	61.5(1,007)	
Rated Revolution	rpm	3,200	3,200	3,200	3,200	
Fuel Tank Capacity	US. gal. ( ℓ )	6.7 (25.5)				
<b>DRIVE TRAIN</b>						
Transmission		HST				
Speeds		Infinite, 2 range				
Differential Lock		Rear Standard				
Brake		Wet Multi Disc				
PTO Type		Independent				
Rear PTO (Standard)	rpm	540				
Mid PTO (Standard)	rpm	2,200				
4WD Type		Mechanical Engagement				
<b>HYDRAULIC SYSTEM</b>						
Pump		Gear				
Pump Capacity (Max. Flow Rate)	gpm (L/min)	6.5 (24.6)	6.97 (26.4)	6.5 (24.6)	6.97 (26.4)	
3-Point Hitch		Category I				
Maximum Lifting Capacity (24" aft. of hitch)	lb. (kg)	700 (318)				
Hydraulic Lift Control System		Position				
Steering		Power Steering				
<b>TIRE SIZE</b>						
Front AG. (Turf, Industrial)		18x8.5-10 (18x8.5-10)				
Rear AG. (Turf, Industrial)		26x12.00-12 (26x12.00-12)				
<b>TRAVELING SPEEDS</b>						
Forward	mph (km/h)	0~10.31(0~16.6)	0~9.57 (0~15.4)	0~10.31(0~16.6)	0~9.57 (0~15.4)	
Reverse	mph (km/h)	0~6.96 (0~11.2)	0~6.6 (0~10.6)	0~6.96 (0~11.2)	0~6.6 (0~10.6)	
<b>DIMENSIONS</b>						
Overall Length (Includes 3-pt Hitch)	in. (mm)	99.3 (2,523)				
Overall Width (Minimum Tread)	in. (mm)	46.7 (1,185)	45.9 (1,168)	46.7 (1,185)	45.9 (1,168)	
Overall Height (From Top of ROPS)	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)	45.9 (1,168)	45.3 (1,150)	45.9 (1,168)
	Rear (AG.)	in. (mm)	46.7 (1,185)	46 (1,168)	46.7 (1,185)	46 (1,168)
Min. Turning Radius (With Brake)	ft. (m)	8.2 (2.54)				
Weight with AG. Tires	lb. (kg)	1,485 (675)	1,554 (705)	1,485 (675)	1,554 (705)	

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

## STANDARD EQUIPMENT

- Rear PTO
- Mid PTO
- Joystick Valve (CS20 Series)
- Cruise Control (CS20 Series)
- 12V/USB Port (CS20 Series)
- 12V Power Socket (CS10 Series)
- Tilt Wheel (CS20 Series)
- Grill Guard<sup>1</sup>
- Power Steering
- Parking Brake
- PTO Shield
- Headlights
- Warning / Signal Lamps
- Cup Holder
- Horn
- SMV Sign

<sup>1</sup>When loader is purchased with tractor.

## OPTIONAL EQUIPMENT

- Front Hydraulic Valve (CS10 Series)
- Rear Hydraulic Valve
- Front Working Lights (CS20 Series)
- Rear Working Lights
- Cruise Control (CS10 Series)
- Front Weight (60 lbs)
- Side View Mirror
- Canopy Kit
- Grill Guard
- Armrest Kit
- Front Towing Hook
- Hydraulic Filter Guard
- Rear Wheel Weight
- Field Option Cab (CS10 Series)

## ATTACHMENTS

- Front End Loader
- Mid-Mount Mower
- Backhoe
- Snow Blower
- Contact your local KIOTI dealer for available implements and attachments.



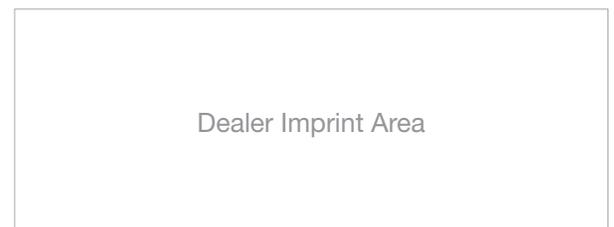
### KIOTI Tractor Division

DAEDONG - USA, INC.

6300 KIOTI Drive, Wendell, NC 27591 USA

Toll free 877-GO-KIOTI • Fax 919-374-5001

Web [www.KIOTI.com](http://www.KIOTI.com)



Dealer Imprint Area