

CS10/20
SERIES

21-24.5 HP

SUB-COMPACT TRACTORS



Small But Mighty, Built For Your Needs



CS10 / CS20 SERIES

AGILE, FUEL-EFFICIENT TRACTORS DELIVERING POWERFUL, VERSATILE PERFORMANCE FOR ALL YOUR NEEDS

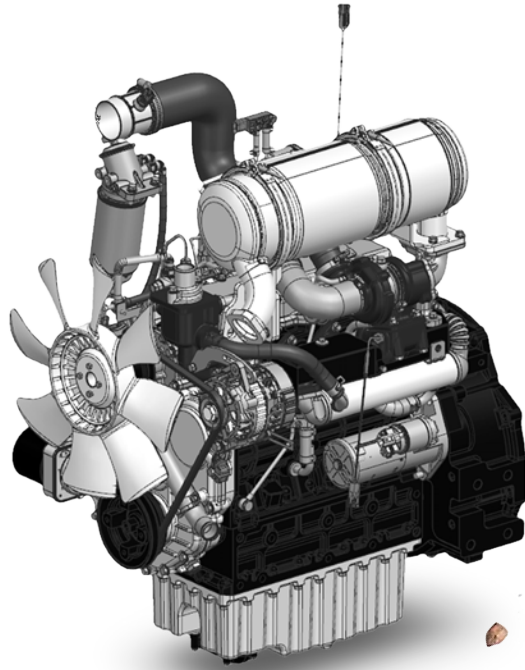
The Kioti CS10 and CS20 Series sub-compact tractors are engineered for big results, delivering reliable power and impressive fuel efficiency thanks to their 3-cylinder diesel engines. With a smooth, hydrostatic transmission and agile design, these tractors offer outstanding maneuverability and easy operation, making them ideal for mowing, landscaping, and hobby farming—even in tight spaces. The ergonomic layout ensures comfort during long hours, while robust construction promises years of dependable service with minimal maintenance. Whether you're a homeowner or hobby farmer, the CS10 and CS20 Series tractors deliver exceptional value and consistent performance in a user-friendly package.

**WE DIG
DIRT**

- Kioti 3-Cylinder In-Line Vertical, Water-Cooled Diesel Engine
- 21-24.5 HP
- Rear and Mid PTO
- Hydrostatic Transmission
- Twin HST Pedals
- 700 Pound 3-Point Lift Capacity
- Four-Wheel Drive
- Power Steering
- Tilt Steering Wheel (CS20 Series)
- Cruise Control (CS20 Series)
- Single Lever Joystick (CS20 Series)

CS10 / CS20 **SERIES**

BUILT TO PERFORM WITH FEATURES THAT GET IT DONE



Fuel Efficient Diesel Engine

The reliable, efficient 3-cylinder in-line vertical, water-cooled diesel engine delivers impressive performance and smooth operation, offering excellent power for a wide range of hobby farming and landscaping tasks.

Proven Quality of Performance

KIOTI engines are known for exceptional performance and fuel efficiency. Backed by over 65 years of innovation, they meet rigorous global standards like EPA, CARB, and EEC certifications. Built for reliability and durability, these engines are a trusted choice for a wide range of demanding applications.



Hydrostatic Transmission

Powerful, reliable hydrostatic transmissions deliver efficiency and control. The easy-to-use twin pedals and 2-range transmission make operation smooth and safe.



Twin HST Pedals

Enables easy forward and reverse movement, with smooth acceleration and deceleration. The twin pedals simplify operation, reducing operator fatigue during long hours of work and repetitive tasks.



Rear & Mid PTO

Operate the rear and mid PTOs independently or simultaneously, reducing downtime to change implements and ensuring uninterrupted productivity.



Independent PTO

Designed for versatility and operator convenience, the independent PTO allows you to power your implements independently of your tractor's ground speed or transmission.



Single Lever Joystick (CS20 Series)

The joystick provides single-lever control for the loader functions. When released, it returns to neutral, stopping the loader in its current position. A float position allows the bucket to float freely over the ground surface.



Quick Attach & Detach Loader (CS20 Series)

The pinless design allows the operator to quickly remove or install the loader in minutes without needing to handle pins. The additional quick-attach system on the front makes switching attachments easy.



Impressive Lift Capacity

With a loader lift capacity of up to 1,062 lb. (482 kg.), the CS10 & CS20 deliver impressive strength for their class—ideal for reliable performance in landscaping, tilling, and material handling, all without stepping up to a larger machine.



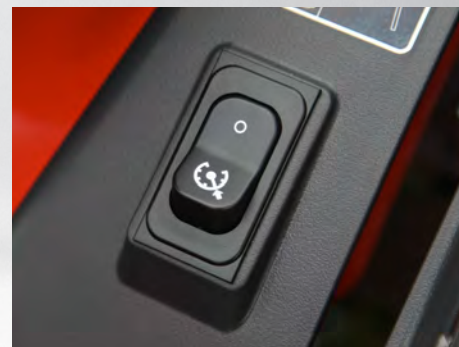
3-Point Hitch

Features a robust Category I 3-point hitch with substantial lift capacity and precise control. The position control lever allows easy operation.



Four-Wheel Drive

Four-wheel drive provides increased traction and enhanced brake performance for seamless on- and off-road transitions.



Cruise Control (CS20 Series)

Maintain consistent speeds effortlessly with the integrated cruise control. Perfect for tasks like mowing or spraying, simply set your desired speed and let the tractor do the work, reducing fatigue and ensuring a uniform finish.



CS10 / CS20 **SERIES**

BUILT FOR THE LAND – READY FOR ANYTHING



Efficient Fuel Capacity

The 6.7-gallon (25.5-liter) fuel tank delivers excellent fuel efficiency, allowing you to power through extended hours of work with fewer refueling stops.



Power Steering

Minimizes the effort needed to make tight, repetitive turns, enhancing driver comfort and control.



Tilt Steering Wheel (CS20 Series)

The tilt steering wheel is designed for maximum comfort, allowing operators to easily adjust to their ideal driving position for a smooth and relaxed experience, no matter the duration of the task.



Illuminated Dashboard

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



KIOTI Connect Capable

Compatible with the KIOTI Connect app to track and manage your equipment's maintenance. You can leverage AI-powered features to get insights on agriculture and tractors.



Open Operator Station

With a sturdy platform and rubber floormat, the operator station offers easy access to controls, convenient entry and exit, and protection from wear, spills, and scratches for lasting durability.



Streamlined Hood Design

The streamlined hood design improves visibility for the operator. A vertically opening hood allows easy access to the air filter, fluid service and inspection points, fuse box, and electrical components.



Foldable ROPS

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



Ergonomic Operator Station

The ergonomically designed workstation ensures all operator controls are easily within reach. Featuring a seat belt and operator presence switch, the CS Series prioritizes safety for every operator.



Best-in-Class Headlights

Experience superior illumination with 55W headlight lamps, engineered to provide exceptional visibility for the operator, ensuring maximum safety and precision, even in low-light conditions.



12V Power Socket / USB Port (CS20 Series)

Power essential accessories or tools on the go with the built-in 12V power socket and convenient USB charging port. The CS10 Series includes only the power socket.



Fast Traveling Speeds

Tackle tasks with ease at speeds up to 10 mph (16 km/h)—ideal for covering ground quickly during property maintenance, yard work, or light agricultural jobs.



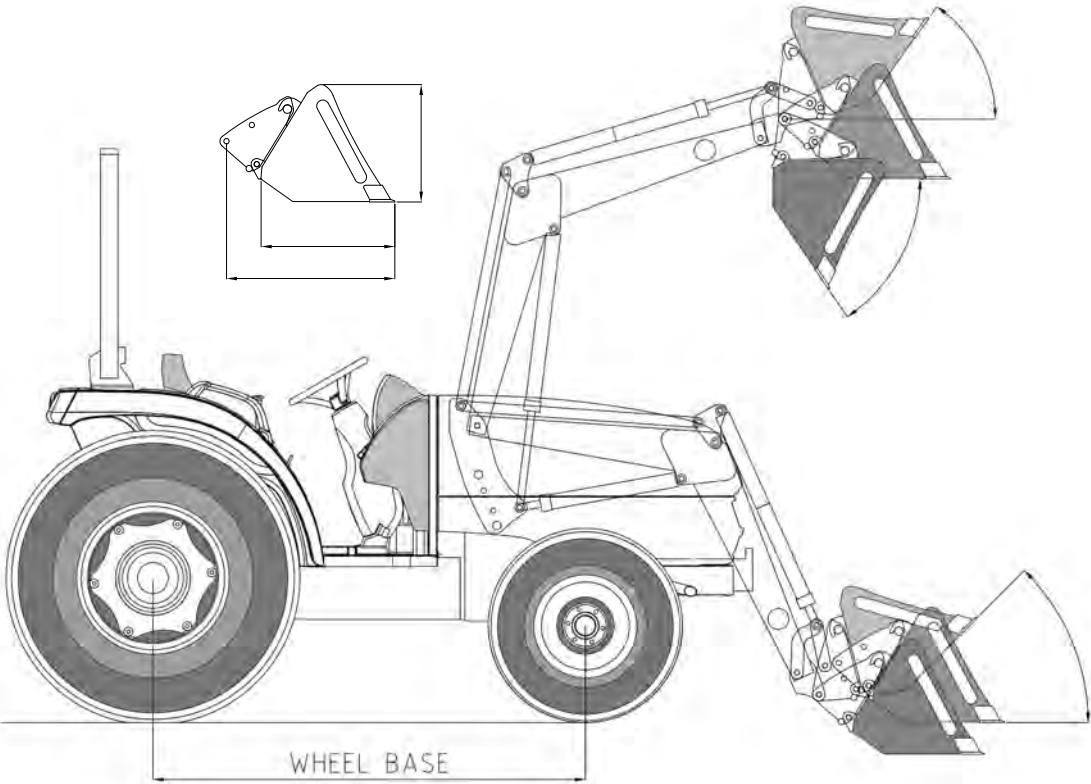


KIOTI



FRONT END LOADER

KIOTI SL2410 and SL2420 front-end loaders deliver impressive lift capacity, quick-attach convenience, and precise joystick control for CS10 and CS20 Series tractors.



ATTACHMENTS

SPECIFICATIONS

MODEL		SL2410	SL2420
Compatible Models		CS2210 / 2510	CS2220 / 2520
Maximum Lift Height (to Pivot Pin)	in. (mm)	70.9 (1,800.9)	73.7 (1,872.0)
Clearance w/ Bucket Level	in. (mm)	67.6 (1,717.0)	68.1 (1,729.7)
Clearance w/ Bucket Dumped	in. (mm)	54.4 (1,381.8)	54.8 (1,391.9)
Reach at Maximum Height	in. (mm)	30.7 (779.8)	29.7 (754.4)
Maximum Dump Angle	deg.	45	38
Reach w/ Bucket on Ground	in. (mm)	53.1 (1,348.7)	52.8 (1,341.1)
Maximum Rollback Angle	deg.	27	
Digging Depth Below Grade	in. (mm)	4.4 (111.8)	5.1 (129.5)
Overall Height (Carry Position)	in. (mm)	41.5 (1,054.1)	34.1 (866.1)
Depth of Bucket (to Back of Inner Shell)	in. (mm)	17.5 (444.5)	18.0 (457.2)
Height of Bucket	in. (mm)	19.3 (490.0)	19.0 (484.0)
Length of Bucket (to Pivot Pin)	in. (mm)	21.5 (546.1)	22.4 (568.9)
Lift Capacity to Full Height	lb. (kg)	683.4 (310.0)	1,062.3 (482.0)
Breakout Force (at Pivot Pins)	lb. (kg)	1,435.2 (651.0)	1,329 (603.0)
Bucket Rollback Force (at Ground Line)	lb. (kg)	846.6 (384.0)	904.0 (410.0)
Relief Valve Setting (Loader Control Valve)	psi (kg/cm2)	1,900.0 (133.6)	
Rated Flow (Tractor System)	gpm (L/min)	3.5 (13.4)	4.9 (18.7)
Bucket Size (QA)	in. (mm)	48.0 (1,219.0)	
Bucket Capacity (Heaped)	cu. ft. (cu. m)	6.7 (0.2)	
Approximate Weight (With Bucket)	lb. (kg)	498.0 (225.9)	573.0 (260.0)

NOTE: specifications and design are subject to change without notice.

ATTACHMENTS

MID-MOUNT MOWER

The KIOTI SM2454 and SM2460 mid-mount mowers offer clean, precise cutting with durable decks, smooth operation, and easy height adjustment.

SPECIFICATIONS

MODEL	SM2454	SM2460
Compatible Models	CS10/CS20 Series	
Dischare Type	Side Discharge	
Cutting Width	in. (mm)	53.7 (1,364.0) 60.0 (1,524.0)
Cutting Height	in. (mm)	.8~3.8 (20.3~96.5)
Transport Height	in. (mm)	6.0 (152.4)
Gear Type	Spiral Bevel	
Number of Blades	3	
Blade Spindle Speed	rpm	2,888
Blade Tip Velocity	m/s	71.1 78.2
Blade Length	in. (mm)	18.5 (470.0) 20.4 (517.0)
Deck Thickness	in. (mm)	0.13 (3.3)
Total Width	in. (mm)	69.3 (1,760.0) 75.0 (1,905.0)
Total Length	in. (mm)	35.7 (908.0) 37.9 (962.0)
Totel Height	in. (mm)	10.5 (267.0)
Drive Type	U-Joint & V-Belt	
Lifting Type	3 Point Hitch Links	
Loader/Backhoe Compatibility	Yes	

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BACKHOE

The SB2410L and SB2420 backhoes deliver powerful digging performance with easy attachment, responsive controls, and durable construction for tough jobs.

SPECIFICATIONS

MODEL	SB2410L	SB2420
Compatible Models	CS2210 / 2510	CS2220 / 2520
Bucket Sizes	in. (mm)	8.0 (203.0) / 12.0 (305.0) / 16.0 (406.0) 8.0 (203.0) / 12.0(305.0) / 16.0 (406.0) / 24.0 (609.0)
Digging Depth (Two Foot Flat Bottom)	in. (mm)	72.8 (1,850.0)
Reach from Center Line of Swing Pivot	in. (mm)	105.7 (2,684.0)
Loading Height (Bucket at 60°)	in. (mm)	59.1 (1,500.0)
Maximum Leveling Angle	deg.	8
Swing Arc	deg.	150
Transport Height (Maximum)	in. (mm)	68.1 (1,729.0)
Transport Overhang	in. (mm)	41.3 (1,050.0)
Bucket Rotation	deg.	165
Stablilizer Spread (Down Position)	in. (mm)	78.0 (1,981.2)
Stablizier Spread (Up Position)	in. (mm)	54.0 (1,371.6)
Angle of Departure	deg.	14.5 20.0
Shipping Weight (Without Bucket)	lb. (kg)	635.0 (288.0)
Bucket Digging Force	lb. (kg)	2,105.0 (954.8)
Dipperstick Digging Force	lb. (kg)	1,183.0 (536.6)
Operating Pressure	psi (bar)	1,885.0 (130.0)

NOTE: specifications and design are subject to change without notice.





SPECIFICATIONS

MODEL		CS2210H		CS2220H		CS2510H		CS2520H	
ENGINE									
Model		3C100LWH-U3				3C100LFH-U2			
Type		KIOTI 3-Cylinder In-Line Vertical, Water-Cooled Turbo Diesel Engine							
Engine Gross	HP (kW)	21.0 (15.6)				24.5 (18.3)			
PTO @ Rated PTO rpm	HP (kW)	16.3 (12.2)				18.5 (13.8)			
Displacement	cu. in. (cc)					61.5 (1,007.0)			
Rated Revolution	rpm					3,200			
Fuel Tank Capacity	gal. (ℓ)					6.7 (25.5)			
DRIVE TRAIN									
Transmission		Hydrostatic							
Speeds		Infinite, 2 Range							
Differential Lock		Rear Standard							
Brake		Wet Multi Disc							
PTO Type		Independent							
Rear PTO (Standard)	rpm	540							
Mid PTO (Optional)	rpm	2,000							
4WD Type		Mechanical Engagement							
HYDRAULIC SYSTEM									
Pump		Gear							
Pump Capacity (Max flow rate)		6.5 (24.6)		7.0 (26.4)		6.5 (24.6)		7.0 (26.4)	
3-Point Hitch		Category I							
Maximum Lift Capacity*	lb. (kg)	700 (318)							
Hydraulic Lift Control System		Position							
Steering		Hydrostatic Power Steering							
TIRE SIZE									
Front AG. (Turf, Industrial)		18×8.5-10 (18×8.5-10)							
Rear AG. (Turf, Industrial)		26×12.00-12 (26×12.00-12)							
TRAVELING SPEEDS (Max)									
Forward	mph (kph)	0~10.3 (0~16.6)		0~9.6 (0~15.4)		0~10.3 (0~16.6)		0~9.6 (0~15.4)	
Reverse	mph (kph)	0~7.0 (0~11.2)		0~6.6 (0~10.6)		0~7.0 (0~11.2)		0~6.6 (0~10.6)	
DIMENSIONS									
Overall Length (incl. 3-pt hitch)		in. (mm)		99.3 (2,523.0)					
Overall Width (min. tread)		in. (mm)		46.7 (1,185.0)		45.9 (1,168.0)		46.7 (1,185.0)	
Overall Height (From Top of ROPS)		in. (mm)		87.6 (2,226.0)					
Wheelbase		in. (mm)		55.1 (1,400.0)					
Min. Ground Clearance		in. (mm)		6.4 (162.0)					
Tread	Front (AG)	in. (mm)		45.3 (1,150.0)		46.0 (1,168.0)		45.3 (1,150.0)	
	Rear (AG)	in. (mm)		46.7 (1,185.0)		46.0 (1,168.0)		46.7 (1,185.0)	
Min. Turning Radius (With Break)		ft. (m)		8.2 (2.54)					
Weight with AG. Tires		lb. (kg)		1,485.0 (673.6)		1,554.0 (705.0)		1,485.0 (673.6)	
								1,554.0 (705.0)	

* @ 24" aft. of hitch

NOTE: specifications and design are subject to change without notice.

STANDARD EQUIPMENT

- Rear PTO
- Mid PTO
- Single Lever Joystick (CS20 Series)
- Cruise Control (CS20 Series)
- Tilt Steering Wheel (CS20 Series)
- USB Port (CS20 Series)
- 12V Power Socket
- Power Steering
- Parking Brake
- PTO Shield
- Headlights
- Warning/Signal Lamps
- Cup Holder
- Horn
- SMV Sign

OPTIONAL EQUIPMENT

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



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