

NS
SERIES

45-58 HP

COMPACT UTILITY TRACTORS



Power, Precision, Value





NS SERIES

TOUGH ON TASKS, GENTLE ON YOUR BUDGET—ENGINEERED FOR YOUR LAND'S NEEDS

Looking for a compact utility tractor that punches above its weight? The Kioti NS Series delivers serious muscle, agile maneuverability, and real-world capability—all at a price that won't hold you back. Whether you're mowing, lifting, tilling or hauling, the NS is engineered to outperform expectations.



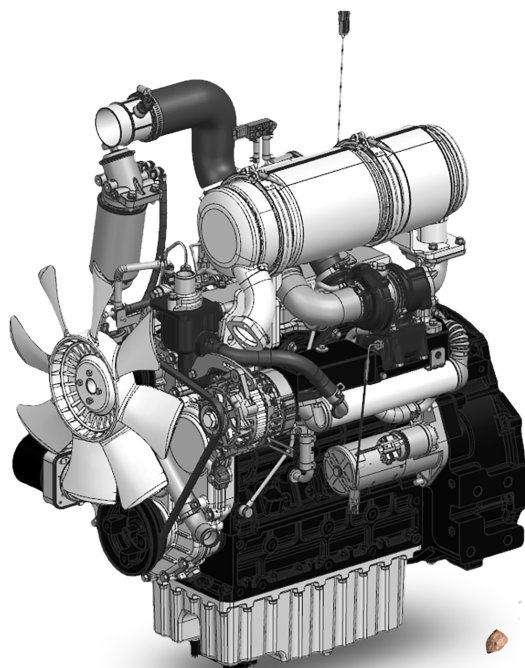
WE DIG DIRT



- Kioti 3-Cylinder, Liquid-Cooled Turbo Diesel Engine
- 45 - 58 HP
- Synchro Shuttle or Hydrostatic Transmission
- Independent 540 PTO
- Position & Draft Control
- Single Lever Joystick
- Cab & ROPS Models
- Deluxe Suspension Seat
- Open Platform Design
- 3-Point Hitch with Telescopic Lower Links & Stabilizers
- Rear Remote Hydraulic Valve
- Projection Head and Working Lamp (Cab Models)

NS SERIES

PRECISION-ENGINEERED TO PERFORM AND DESIGNED FOR PEAK PERFORMANCE



Fuel Efficient Diesel Engine

The Common Rail Diesel Engine (CRDI) is a Tier 4-compliant engine designed to deliver outstanding efficiency and performance, offering excellent fuel economy without compromising power. Its whisper-quiet operation reduces noise levels, creating a more comfortable working environment for operators. With its combination of efficiency, reliability and performance, this engine is perfect for value-conscious customers in need of a powerful and efficient compact utility tractor.

Proven Quality and 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.



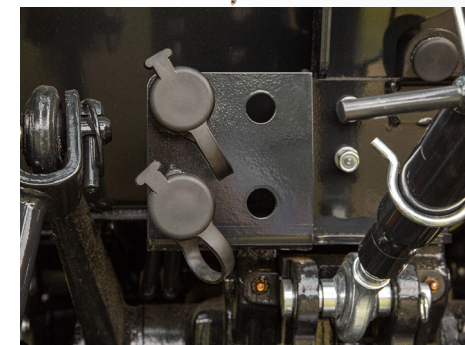
Hydrostatic Transmission (HST Models)

Features an infinite three-range hydrostatic transmission for effortless control, along with twin pedals that enable intuitive forward and reverse movements, seamlessly adjusting speed without the need to engage a clutch.



Single Lever Joystick

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.



Rear Hydraulic Remote

Effortlessly manage rear hydraulic implements with precise fingertip control, enhancing efficiency and ease of operation.



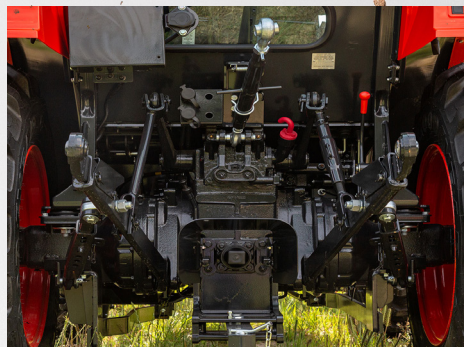
Push Button Four Wheel Drive

Effortlessly engage 4WD with the simple push of a button—no complicated levers or switches. It's that easy. Enjoy quick, seamless control at your fingertips, making it simpler than ever to tackle changing ground conditions or venture off the beaten path.



Auto/Manual PTO

Experience ultimate versatility with auto/manual PTO, which seamlessly switches modes for efficient power delivery and effortless operation.



Three-Point Hitch

Maximize versatility with the robust 3-point hitch. Telescopic lower links and stabilizers ensure faster, easier and more secure implement attachment for increased efficiency in any task.



Cruise Control (HST Models)

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.



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.



Twin HST Pedals (HST Models)

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



Draft Control

Automatically adjusts ground engaging implement depth for consistent soil resistance, boosting efficiency, reducing slip and easing operator workload.



NS SERIES

COMFORT AND CONVENIENCE WITHOUT COMPROMISE



Rear Differential Lock

Maximize traction in tough conditions. The rear differential lock forces both rear wheels to rotate at the same speed for enhanced power and control.



Rear Hitch Controls

Adds convenience and control for connecting or disconnecting 3-point hitch implements, while enhancing versatility and efficiency for easy operation, adjustment and customization.



Power Steering with Tilt

Minimizes the effort required to make tight, repetitive turns. The steering wheel tilts with the simple push of a lever, allowing easy adjustment to fit the operator's needs.



12x12 Synchronized Shuttle (Shuttle Models)

The 12x12 Synchronized Shuttle transmission ensures smooth, efficient operation with 12 forward and 12 reverse gears to precisely match speed. The shuttle enables quick directional changes without stopping, improving productivity in loader work and maneuvering.



Cab & ROPS Models

Choose your comfort and configuration with the NS Series, available with either a Roll-Over Protective Structure (ROPS) for open-air versatility or an enclosed cab for all-weather comfort.



Open Platform Design

The open platform design offers easy access, superior visibility and a comfortable workspace, reducing fatigue and boosting efficiency for a maximized workday.





INCREASED PRODUCTIVITY

Versatile, ergonomic, high-capacity output



IMPROVED EFFICIENCY

Fuel efficient, quiet, powerful performance



CAB & ROPS MODELS

Weather protection or open-air flexibility



CR10.90
SERIES



Deluxe Suspension Seat

Provides a comfortable ride for the operator, even on rough terrain.



Window Wiper (Cab Models)

The standard front wiper (rear optional) keeps your view crystal clear, battling both rain and dust. Its optimized placement ensures the operator's vantage point stays uncompromised.



Quick Attach & Detach Loader (Optional)

The design lets the operator remove or install the loader in minutes, while the skid-steer quick attach system allows for fast changes—ensuring a smooth, comfortable and efficient experience.



Climate Control System (Cab Models)

Our advanced HVAC system provides optimized heating and cooling, ensuring a comfortable cabin year-round. Enjoy reliable cooling in the summer and warmth in the winter.



Projection Head and Working Lamp

The LED projection head and working lamps pierce the darkness, casting a wide, clear beam that illuminates your field for safe, precise maneuvering even after sunset.



KIOTI Connect Compatible

KIOTI Connect is an intuitive app that provides real-time insights, maintenance tracking and remote diagnostics, keeping you connected to your machine like never before.



Rubber Floor Mat

The heavy-duty rubber floor mat protects the tractor's floor from wear, tear, spills and scratches for lasting durability.



Heavy Duty Lift Power

With an impressive 2,621 lb. (1,189 kg) lift capacity, the NS Series delivers peak performance—enabling you to confidently tackle heavy-duty tasks and boost productivity.



KIOTI



BACKHOE

The KIOTI KB2485 backhoe lets you trench up to 94.4 inches deep with a bucket dig force up to 3,748 pounds. The KB2485 backhoe features subframe mounting, responsive two-lever controls with exceptional feathering, hydraulic stabilizers, transport lock and a variety of standard and heavy-duty buckets.

BACKHOE SPECIFICATIONS

MODEL		KB2485
Digging Depth	in. (mm)	94.4 (2,397.8)
Reach from Center Line of Swing Pivot	in. (mm)	136.1 (3,456.9)
Loading Height (Bucket at 60°)	in. (mm)	80.3 (2,039.6)
Maximum Leveling Angle	deg.	10
Swing Arc	deg.	180
Maximum Transport Height	in. (mm)	92.9 (2,359.7)
Transport Overhang	in. (mm)	50.4 (1,280.2)
Bucket Rotation	deg.	180
Stabilizer Spread (Down Position)	in. (mm)	68.7 (1,745.0)
Stabilizer Spread (Up Position)	in. (mm)	46.4 (1,178.6)
Angle of Departure	deg.	21
Shipping Weight (Without Bucket)	lb. (kg)	1,102.0 (499.9)
Bucket Digging Force	lb. (kg)	3,748.0 (1,700.1)
Dipperstick Digging Force	lb. (kg)	2,205.0 (1,000.2)
Operating Pressure	psi (bar)	2,466.0 (170.0)

CYLINDERS					
Cylinder		Bore DIA	Retracted Length	Stroke	Rod DIA
Boom	in. (mm)	2.6 (66.0)	25.0 (635.0)	15.2 (396.1)	1.6 (40.6)
Bucket	in. (mm)	2.4 (61.0)	24.8 (629.9)	15.6 (396.2)	1.4 (35.6)
Dipperstick	in. (mm)	2.8 (71.1)	27.9 (708.7)	19.9 (505.5)	1.6 (40.6)
Swing	in. (mm)	2.4 (61.0)	15.7 (398.8)	8.8 (223.5)	1.4 (35.6)
Stabilizer	in. (mm)	2.4 (61.0)	17.6 (447.0)	10.3 (261.6)	1.4 (35.6)

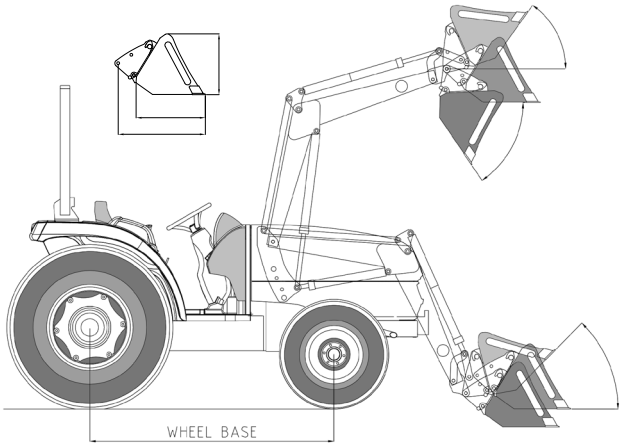
BUCKETS				
Bucket	Teeth Quantity	Struck Capacity	Heaped Capacity	Shipping Weight
12" Bucket	3	1.0 cu. ft. (0.03 m³)	1.2 cu. ft. (0.03 m³)	56 lb. (25.4 kg)
18" Bucket	4	1.6 cu. ft. (0.05 m³)	2.0 cu. ft. (0.06 m³)	70 lb. (31.7 kg)
24" Bucket	5	2.1 cu. ft. (0.06 m³)	2.8 cu. ft. (0.08 m³)	94 lb. (42.6 kg)
36" Bucket	6	2.8 cu. ft. (0.08 m³)	4.0 cu. ft. (0.11 m³)	114 lb. (51.7 kg)

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

ATTACHMENTS

FRONT END LOADER

The KIOTI KL5810 front end loader is specifically designed for the NS Series tractors, providing efficient performance with single lever joystick control. The KIOTI loader, with a built-in parking stand, is designed to be quickly and easily attached and detached. KL Series loaders utilize the tractor's hydraulic system, feature single-lever control with float and come with a bucket level indicator.



LOADER SPECIFICATIONS

MODEL		KL5810
Maximum Lift Height (To Pivot Pin)	in. (mm)	106.3 (2,700.0)
Maximum Lift Height (Under Level Bucket)	in. (mm)	100.9 (2,562.9)
Clearance (With Bucket Dumped)	in. (mm)	79.5 (2,019.3)
Reach (Maximum Lift Height)	in. (mm)	21.7 (551.2)
Maximum Dump Angle	deg.	67
Reach (With Bucket on Ground)	in. (mm)	74.4 (1,889.8)
Maximum Rollback Angle	deg.	32
Digging Depth Below Grade	in. (mm)	10.2 (259.1)
Overall Height (In Carry Position)	in. (mm)	49.8 (1,264.9)
Depth of Attachment (To Pivot Pin)	in. (mm)	26.4 (670.6)
Lift Capacity (At Pivot Pin)	lb. (kg)	2,621.0 (1,188.9)
Breakout Force (At Pivot Pin)	lb. (kg)	3,896.0 (1,767.2)
Rollback Force (At Ground Line)	lb. (kg)	3,880.0 (1,759.9)

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

SPECIFICATIONS

MODEL			NS4710	NS4710H	NS5310H	NS6010	NS6010H	NS4710C	NS4710C HST	NS6010C	NS6010C HST	
ENGINE												
Model			3HT-S4TH45A									
Type			KIOTI 3 Cylinder, In-Line Vertical, Water-Cooled 4-Cycle Turbo Diesel, CRDI									
Engine Gross	HP (kW)	44.9 (33.5)			50.3 (37.5)	57.7 (43.0)		44.9 (33.5)		57.7 (43.0)		
PTO	HP (kW)	36.6 (27.3)	36.3 (27.1)		41.8 (31.2)	48.3 (36.0)	47.9 (35.7)		36.6 (27.3)	48.3 (36.0)	47.9 (35.7)	
Displacement	cu. in. (cc)	111.4 (1,826.0)										
Rated Revolution		2,600										
Fuel Tank Capacity	gal. (ℓ)	13.2 (50.0)										
DRIVE TRAIN												
Clutch		Dry Type Single Stage	-		-		Dry Type Single Stage	-		Dry Type Single Stage	-	
Transmission		Synchro Shuttle	Hydrostatic			Synchro Shuttle		Hydrostatic		Synchro Shuttle	Hydrostatic	
Speeds		12x12	3-Range			12x12		3-Range		12x12	3-Range	
Differential Lock		Rear Standard										
Brake		Wet Disc Type										
PTO Type		Independent										
Rear PTO	rpm	540										
Mid PTO (Optional)	rpm	2,000										
4WD Type		Electric/Hydraulic										
HYDRAULIC SYSTEM												
Pump		Gear										
Pump Capacity (Max. Flow Rate)	gpm (L/min)	16.5 (62.4)										
3-Point Hitch		Category I			Category II			Category I		Category II		
Maximum Lifting Capacity*	lb. (kg)	2,940.0 (1,333.6)										
Hydraulic Lift Control System		Position with Draft Control										
Number of Remote Valves		1 Standard (1 Optional)										
Steering		Hydrostatic Power Steering										
TIRE SIZE												
Front AG. (Turf, Industrial)		8-16 (29-12.5-15, 10-16.5)										
Rear AG. (Turf, Industrial)		13.6-24 (21.5L-16.1, 14.9-24)										
TRAVELING SPEEDS (Max)												
Forward	mph (kph)	0.9~16.7 (1.5~26.8)	0~17.5 (0~28.1)			0.9~16.7 (1.5~26.8)	0~19.4 (0~31.3)	1.5~26.8 (0.9~16.7)	0~17.5 (0~28.1)	0~28.1 (1.5~16.7)	0~17.5 (0~28.1)	
Reverse	mph (kph)	0.8~14.8 (1.3~23.8)	0~12.2 (0~19.7)			0.8~14.8 (1.3~23.8)	0~13.6 (0~21.9)	1.3~23.8 (0.8~14.8)	0~12.2 (0~19.7)	0.8~14.8 (1.3~23.8)	0~12.2 (0~19.7)	
DIMENSIONS												
Overall Length (Incl. 3-pt Hitch)		in. (mm)	136.4 (3,465.0)									
Overall Width (Min. Tread)		in. (mm)	67.1 (1,704.3)					70.4 (1,788.2)				
Overall Height		in. (mm)	98.4 (2,499.4) w/o Beacon					93.7 (2,379.9) w/o Beacon				
Wheelbase		in. (mm)	75.5 (1,918)									
Min. Ground Clearance		in. (mm)	13.4 (340.4)					11.8 (300.0)				
Tread	Front (AG)	in. (mm)	51.1 (1,297.0)					51.3 (1,303.0)				
	Rear (AG)	in. (mm)	54.3 (1,380.0)					56.9 (1,444.0)				
Min. Turning Radius (w/Break)		ft. (m)	11.0 (3.4)								11.2 (3.4)	
Weight w/AG. Tires		lb. (kg)	4,027.0 (1,827.0)					4,614.0 (2,093.0)	4,422.0 (2,006.0)	4,614.0 (2,093.0)	4,479.0 (2,032.0)	

* @ 24" aft. of hitch

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STANDARD EQUIPMENT

- Hydrostatic Transmission (HST Models)
- Twin HST Pedals (HST Models)
- 12x12 Synchronized Shuttle (Shuttle Models)
- Cruise Control (HST Only)
- Rear Differential Lock
- Rear PTO
- Single Remote Hydraulic Valve
- Wet Multi Disc Brakes
- Single Lever Joystick
- Push Button 4WD
- Power Steering with Tilt
- Climate Control System (Cab Models)
- Drawbar
- Deluxe Suspension Seat
- Headlights
- Parking Brake
- PTO Cover

OPTIONAL EQUIPMENT

- Sun Canopy
- Beacon Light
- Rear Working Light
- Front Weights
- Mid PTO
- HST Linked Pedal (HST Only)
- Clevis Type Drawbar
- Second Remote Hydraulic Valve (Non-Detent)
- Second Remote Hydraulic Valve (Detent)
- Fuel Heater Kit
- Rear View Mirror (Cab Models)



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