

STL1000



STAND-ON COMPACT TRACK LOADER

With their job-proven technology, easy maintenance, simple controls and impressive performance, Austter mini track loaders are perfect for rental applications. Mini track loaders have a smaller, less-intimidating profile than some other compact equipment models. Additionally, they have easy-to-use controls and impressive rated operating capacities to 1,000 pounds.

- ★ Compact in size, packed with performance and features, Austter’s New Stand-on Compact Loader conquers the toughest of tasks yet is nimble enough to get in tight spaces.
- ★ A new Kubota 25HP (18.2Kw) diesel engine allows for more torque where it matters so you get more done.
- ★ The integrated ride-on platform of the STL1000 gives you a wider view to the side of the machine as well as the bucket cutting edge
- ★ The ISO joystick controls on the STL1000 are ergonomically designed for comfortable operation and less fatigue.
- ★ Increased torque to the ground drive speed gives the STL1000 superior power to the attachment, outperforming the competition to dig, lift, and drive. When working at altitudes, the control system optimizes performance, fuel efficiency and torque.
- ★ Austter mini track loaders aren’t just for lifting heavy loads. The hydraulic quick couplers make connecting and disconnecting from hydraulic attachments fast and easy. These machines are designed to run a variety of hydraulic attachments efficiently.

ENGINE	
Engine Type	Vertical, water-cooled, 4-cycle diesel
Model Name	KUBOTA D1105-E4B-CWL
Toal Displacement	68 cu.in.(1.123L)
Engine Power - SAE J1995 Gross	18.2 kW / 3000 rpm
Rated Speed	3000rpm
Max. Torque	70. 4Nm/2200 rpm
Low Ldling Speed	850-950rpm

DIMENSIONS	
"Overall Length - Transport (w/Std Bucket Parallel To Ground)"	109in (2.77m)
Overall Length (w/o Bucket)	83in (2.11m)
Overall Height	51.6in (1.31m)
Overall Width with standard Bucket	43.7in (1.11m)
Overall Width w/o standard Bucket	35.87in (0.911m)
Weight with standard bucket (w/o Operator) lbs	3066lb (1380kg)
Weight w/o bucket	2895lb (1303kg)
Rated Operating Capacity (35%)	1,000 lb (453 kg) ROC
Tipping Load	2,857 lb (1296 kg)
Wheelbase	42in (1.074m)
Hinge Pin Height at Max. Lift	83.5in (2.120m)
Reach at Max. Lift and 45° Dump	19.2in (48.9cm)

Bucket capacity	6.53 cu ft (0.185m3)
Track Width	7.87in (200mm)
Ground Clearance	6.30in (16.0cm)
Angle of Departure	24.8°

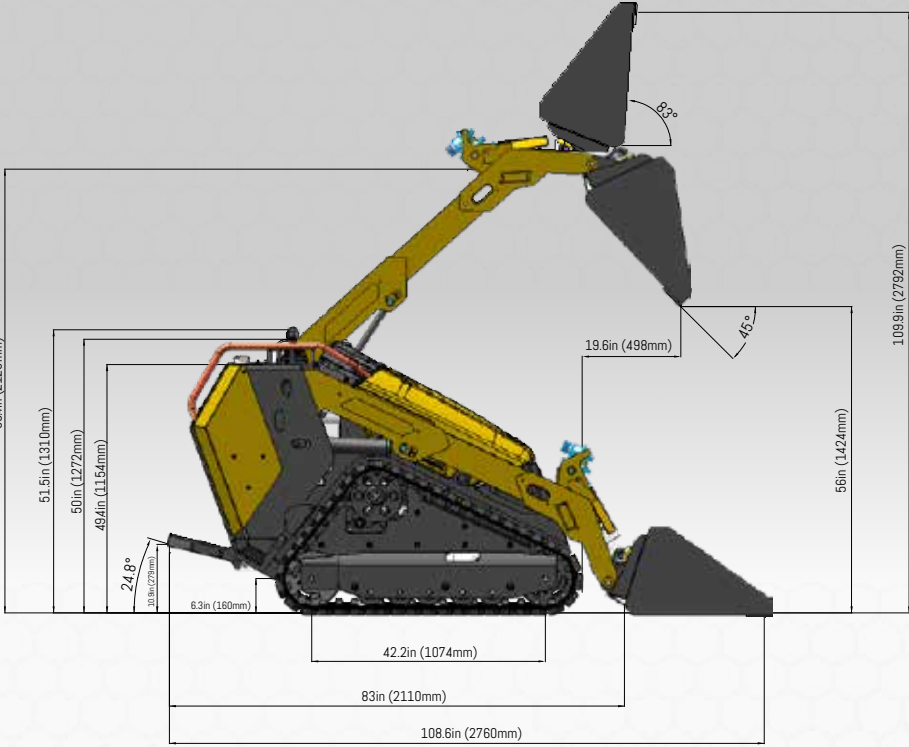
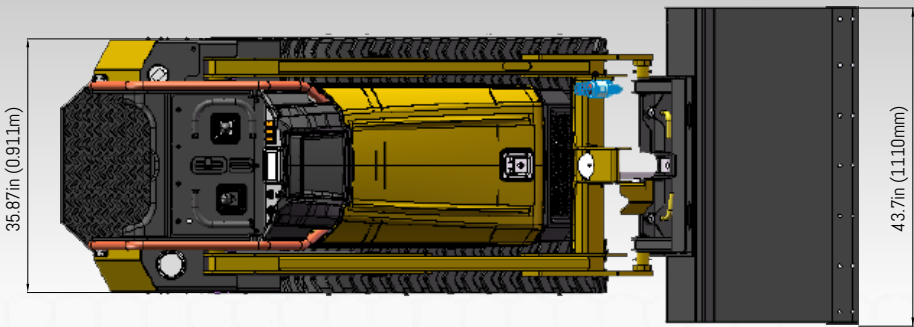
OPERATION	
Steering And Drive	Dual axis,pilot-operated joystick
Lift And Tilt	Dual axis>manual-operated joystick
Transmission	Hydrostatic track drive system
Attachment	One levers one with dual direction detent

PERFORMANCE	
Attachment Mounting System	CII (Common Industry Interface)
Travel Speed (Fwd/Rev)	4.16 mph (6.70km/h)
Ground Pressure (with Operator)	4.12 psi (28. 4kpa)
Battery Capacity	12V, 55Ah
Auxiliary Hydraulic Flow	13.5 gal/min (61.5L/min)
Auxiliary Hydraulic Pressure	2828 psi (19.5Mpa)

SERVICE & FILL CAPACITIES	
Fuel Tank Capacity	8.32gal (31.5L)
Hydraulic System	5.54gal (21L)



STL1000 DIMENSIONS



STL1000

MINI TRACK LOADER

1,000 lb ROC
Rated Operating Capacity (35%)

18.2 kw/3000 rpm
Engine Power - SAE J1995 Gross

70.4Nm/2200rpm
Max. Torque



KEY HYDRAULIC COMPONENTS FROM THE
INTERNATIONAL AUTHORITATIVE BRAND



Excellent Performance

The STL1000 small track loader has a rated operating capacity (35%) of up to an astonishing 1000lb and excellent traction. Vertical lift loader arm has hinge pin height of 83.5 inches and reach of 19.2 inches (45° dump angle).



Compact Size

With the 35.87 in width w/o standard bucket, STL1000 is designed to operate in confined areas where larger equipment cannot fit. The smaller size allows it to fit through tight doorways and are easy to load and transport on a trailer.



Minimal Ground Disturbance

The STL1000 is equipped with turf tracks and allows you to drive on established roads without having to worry about surface damage and repair costs. Its ground pressure of 4.12psi with the operator provides good protection for most turf and finished surfaces.



Engine

The Kubota 18.2kW diesel engine is an established leader in its horsepower range, selected as the power source of choice by various industrial equipment manufacturers, allows for more torque where it matters so you get more done.



Gear Pump

The Gear Pump of the Italian BONDOLI & PAVESI brand: high volumetric efficiency, strong pressure bearing capacity, compact structure, and high reliability.



Piston Pump

The Piston Pump of the Italian BONDOLI & PAVESI brand can run at high speed, with a rated pressure of up to 350bar. The precise control of displacement enables the vehicle to travel in a straight line, with high reliability and long service life.



Hydraulic Motor

STL1000 uses high-pressure shaft seal to ensure good sealing performance, and does not require an oil drain pipe. It has high volumetric efficiency, good low-speed performance, and can provide high torque.



Engine Shock Absorption

It uses high-quality rubber materials with good wear resistance and aging resistance to ensure long-term and efficient operation of the equipment. It has a low natural frequency and good vibration isolation effect. It can effectively absorb high-frequency and low-frequency vibrations generated by the equipment, reduce noise interference, and improve the stability of equipment operation. It is easy to install, and the shell can protect the rubber.



Quick Change Coupler

Made in Italy Quick Change Coupler allows to connect and disconnect quickly from any hydraulic circuit, without spillage and ensuring the best performance even under high temperature and pressure. Coupling has never been safer and faster.





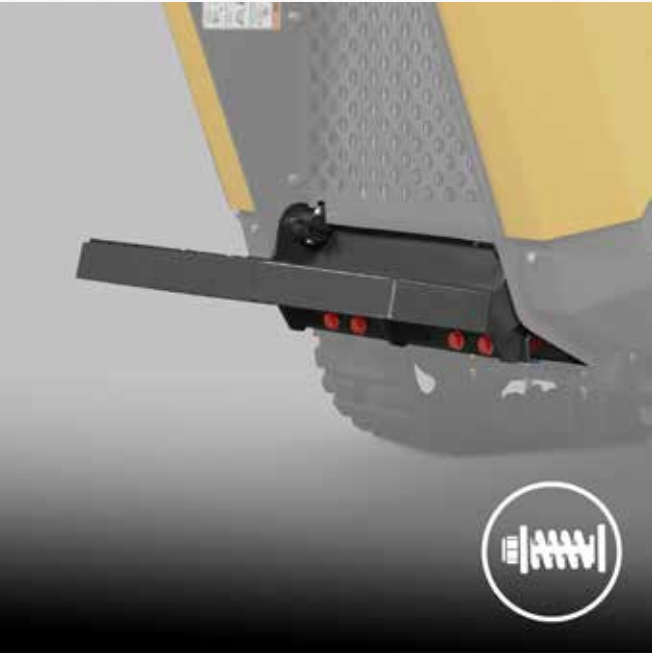
Hydraulic pilot valve&Control valve

The Italian Walvoil brand Hydraulic pilot valve and Control valve can achieve good micro-operation performance. The pilot valve makes it easy to adjust the vehicle's travel speed. The moderate steering speed can ensure the safety of the driver and passengers. The control valve has excellent linkage of the boom and bucket movements, and has an integrated electromagnetic lock inside to effectively prevent misoperation of the boom and bucket. To prevent danger, the engine can only be started when the attachment handle is in the middle position.



Integrated Ride-on Platform

Integrated Ride-on Platform gives you a wider view to the sides of the machine as well as the bucket cutting edge or attachment, can improve the comfort of your working or traveling on the job site.



Pedal

The pedal under the operator's feet is spring-adjustable, and the pedal hardness can be changed according to preference to choose the comfort that suits oneself.



Boom Cylinder

The boom cylinder of STL1000 has a buffer function, which can greatly reduce the vibration of the whole machine when lifting heavy objects and improve user comfort.



Common Industry Interface (CII)

The accessory mounting system uses CII, allows for smaller and more convenient connections to accessories. The pin-on attachment style can be locked at 90 degrees to make the connection more secure, and is equipped with greasable and serviceable pins.



Electronic Fan

There is also an electronic fan in front of our STL1000, which will automatically turn on when the hydraulic oil temperature reaches 60°. It can reduce the temperature of the machine, reduce failures, and increase the service life and working time of the machine.



Easy Hood Access

When you need to service your mini track loader, you can gain easy, tool-free access to routine maintenance areas by lifting the hood. Preventive maintenance becomes simple, and you'll be back on the job faster.



ISO Joystick Controls

The ISO joystick control of the STL1000 mini track loader is ergonomically designed, making it comfortable to operate and reducing fatigue.



Boom Cylinder Safety Card

The safety card can prevent it from accidentally falling when the boom is raised for maintenance, which greatly ensures the safety of the operator.



Boom Pipe

The pipe passes through the inside of the boom. This design makes the appearance neat and tidy, and at the same time ensures that the pipe is not easily damaged or aged due to time.



Less Maintenance

With the grease type track tension system, the rollers of the STL1000 are sealed and filled with oil for continuous lubrication. There is no need for routine maintenance of the rollers, thus reducing maintenance time.



LCD Monitor And Charging Port

STL1000 is equipped with a 4.3" Color LCD monitor and a 12 Volt charging port, which allows you to monitor the machine's usage at any time, making daily maintenance easier and improving the machine's efficiency.



Safety Spring

The emergency safety handle attaches to operator's hand. If the safety handle disconnects during operation for any reason, the machine will shut off



Lift Arm Bypass Control

The lift arm bypass switch is used to lower the lift arms when the engine is not running.

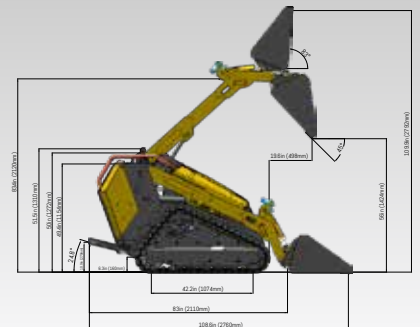


Safety

To ensure operational safety, when the operator stops operating the machine, press the stop button on the right and the parking brake will be activated, which can greatly protect safety.

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