

L47 TRACTOR SPECIFICATIONS

	Non-road emission std.	EPA Final Tier 4
	Gross power (97/68/EC)	47.1 HP (35.1 kW)
	Net power (ECE-R24)	44.7 HP (33.3 kW)
Engine	Total displacement	148.5 cu.in. (2434 cm ³)
	No. of cylinders	4
	Rated speeds	2700 rpm
	Air cleaner	Dual element
	Max. PTO power	
Fuel tank capacity		17.7 gal (67 litres)
Tire size	Front	27 x 10.5-15R4
	Rear	15-19.5R4
Wheelbase		72.5 in (1841 mm)
Tread	Front	45.9 in (1165 mm)
	Rear	56.1 in (1426 mm)
Weight with loader, backhoe and ROPS/FOPS⁽¹⁾		7205 lbs (3268 kg)
Min. turning radius⁽²⁾		9.2 ft. (2.8 m)
Rear PTO		Independent, 540 rpm
Power steering		Hydrostatic
Transmission	Type	HST Plus (6 range)
	No. of speeds	Infinite
	Max. traveling speed	14 mph (22.5 km/h)
	Range shift lever position	Seat side, right
Brake type		Wet disc
Hydraulic system	Pump capacity	25.0 GPM (94.9 l/min.) ⁽²⁾
	3-point hitch lift capacity at 24 in. (610 mm) behind lift point	2756 lbs (1250 kg)
	Position control	Standard
3-point hitch (Category I)		Optional
ROPS/FOPS (meets OSHA1926 1001/1003, ISO3471)		4 post, Standard
Others	Hard nose slanted hood	Standard
	Back-up alarm	Standard
	Horn	Standard
	Rear axle differential lock	Standard
	Loader-integrated reinforced frame	Standard
	Reversible seat	Standard
	Tilt steering	Standard
	Deck	Walk-through deck
	Glow plug	Super glow

⁽¹⁾With round back loader bucket, 18" backhoe bucket and standard tires.

⁽²⁾11.8 GPM for loader/backhoe, 6.6 GPM for backhoe boom swing, 6.6 GPM for power steering.

⁽³⁾With brake

L47 TL1300 LOADER SPECIFICATIONS

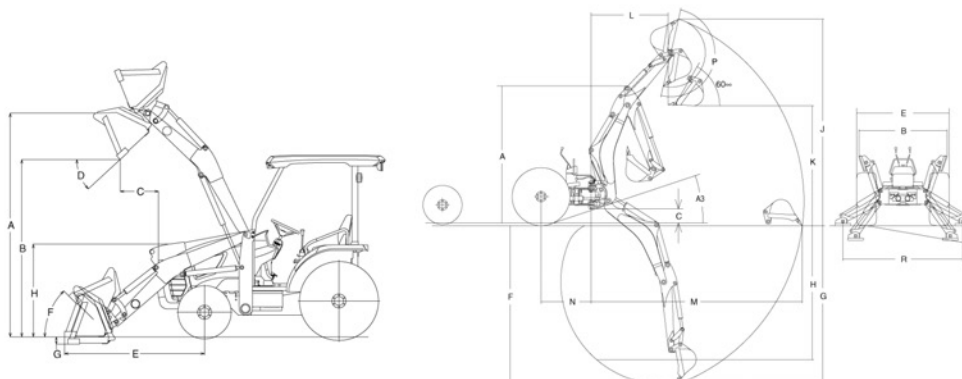
Lift capacity to max. height at pivot pin:	2848 lbs (1292 kg)
Breakout force at pivot pin:	4531 lbs (20153 N)
Control valve:	One detent float position power beyond circuit hydraulic dual self-leveling valve
Net weight (Approx.):	960 lbs (435 kg)
Auto-leveling mechanism:	Standard, Hydraulic
2 lever quick coupler:	Standard
Operating Dimensions:	
A. Maximum lift height to pivot pin	113.9 in (2893 mm)
B. Clearance with bucket dumped	90.0 in (2287 mm)
C. Reach at maximum height	16.6 in (422 mm)
D. Maximum dump angle	44 deg.
E. Reach with bucket on ground	68.5 in (1739 mm)
F. Bucket rollback angle	48 deg.
G. Digging depth	3.5 in (89 mm)
H. Overall height in carrying position	55.2 in (1402 mm)
Performance Ratings (No Load)	
	Self-leveling on off
Raise to full height:	3.6 sec. 3.2 sec.
Lowering time self level valve:	5.8 sec. 2.9 sec.
Attachment rollback time:	1.9 sec. 1.9 sec.
Attachment dumping time:	2.2 sec. 2.2 sec.
Boom stopper (meets OSHA1926.600)	Standard
3rd function valves	Optional 11.5 GPM

*Tires applied: 27x10.5-15R4 (Front) and 15-19.5R4 (Rear)

L47 BT1000B BACKHOE SPECIFICATIONS

Digging force using bucket cylinder (approx.)	5825 lbs (25892 N)
Digging force using dipperstick cylinder (approx.)	3779 lbs (16797 N)
Trunnion type boom swing mechanism two cylinders net weight (approx.)	1660 lbs (753 kg)
Operating Dimensions:	
A. Transport height	106.3 in (2700 mm)
B. Stabilizer spread-transport	67.2 in (1707 mm)
C. Ground clearance	12.3 in (312 mm)
E. Overall width	71.2 in (1809 mm)
F. Digging depth, maximum	121.0 in (3073 mm)
G. Digging depth, 2ft. flat bottom	120.0 in (3048 mm)
H. Digging depth, 8ft. flat bottom	102.2 in (2596 mm)
J. Operating height, fully raised	157.2 in (3993 mm)
K. Loading height	92.9 in (2359 mm)
L. Loading reach	54.6 in (1386 mm)
M. Reach from swing pivot	160.9 in (4087 mm)
N. Swing pivot to rear axle center line	38.0 in (965 mm)
P. Bucket rotation	180 deg.
X. Swing arc	180 deg.
R. Stabilizer spread-operating	89.3 in (2268 mm)
A3. Angle of departure per SAE J1234	19.2 deg.
U. Leveling angle	10.0 deg.
Auxiliary hydraulic valve:	Optional 11.5 GPM

*The specifications are taken with Kubota's L47 tractor. (Tire size:27x10.5-15R4 (Front) and 15-19.5R4 (Rear))



The company reserves the right to change the above specifications without notice.

This brochure is for descriptive purposes only. Please contact your local Kubota dealer for warranty information.

For your safety, Kubota strongly recommends the use of a Rollover Protective Structure (ROPS) and seat belt in almost all applications.

For complete operational information, the operator's manual should be consulted.



New Kubota Engines

Powerful yet clean, Kubota's new engines feature a Common Rail direct-injection system that reduces emissions and increases fuel economy while maintaining high levels of power and torque. These reliable engines also boast a Diesel Particulate Filter (DPF) and Exhaust Gas Recirculation system (EGR). Put it all together and you get greater fuel savings as well as compliance with Tier IV Final emissions regulations.



HST Plus Transmission

Tackle any task with ease and efficiency. With extraordinary precision, HST Plus's automated control of both the HST pump and drive motor gives you optimal performance, regardless of the task, working conditions, or operator expertise.

- Auto Throttle Advance
- Hydro Dual Speed (H-DS)
- HST Response Control
- Stall Guard Plus and Auto H-DS



Feather-Step Operation (Hydraulic Servo System)

Our HST also comes with a smoother, more responsive pedal, thanks to Kubota's traditional hydraulic servo system, which decreases the amount of pressure required to depress the pedal.



Four-Wheel Drive

The L47's four-wheel drive gives you the power and stability you need, especially when pulling heavy loads or working on uneven terrain. The front wheel drive bevel gear assures that you always get a smooth and full power transfer.



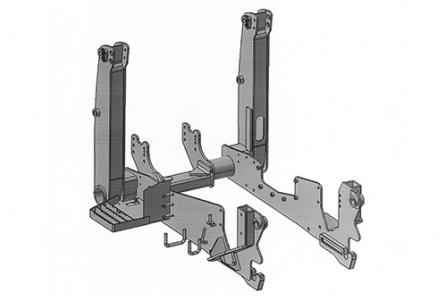
IntelliPanel™

The large, easy to read LCD panel provides all of the vital information you need to keep your TLB in peak working condition for maximum productivity. Indicators, displays, and sensor messages include current working status, engine conditions, fuel and oil warning signals, and a variety of maintenance indicators, so you'll always know how the tractor is functioning and when you need to refuel or perform maintenance.



Slanted Nose Hood

The L47's distinctive slant nose hood design isn't just for looks. This unique styling offers you a greater field of view, allowing you to see more of what's in front of you.



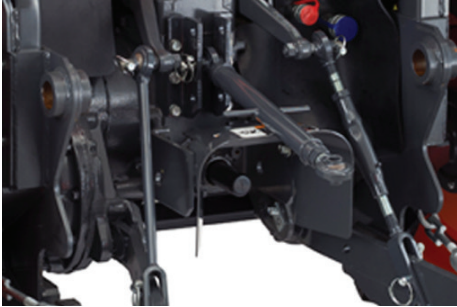
Integrated Main Frame

The L47's integral main frame absorbs twisting loads during backhoe and loader operation and will not transmit flex to the tractor chassis. This ensures the tractor's structural integrity.



Heavy-Duty Rear Axle

The heavy-duty rear axle uses multiple wet-disc brakes for extended life and smooth stopping performance.



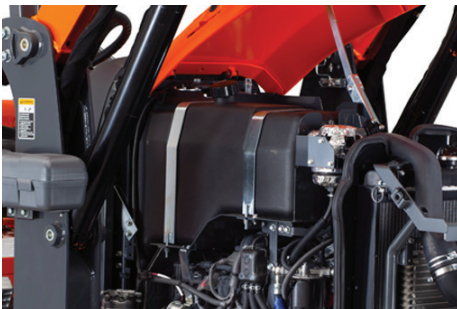
Independent PTO

Get even more work done by attaching a wide range of PTO-driven implements, including rotary tillers, post hole diggers, snow blowers and rear-mounted mowers. The 540 RPM PTO is hydraulic-independent, letting you engage and disengage the PTO without stopping the tractor.



Category I and II 3-Point Hitch (optional)

Do even more by attaching any of a wide array of rear-mounted implements to the Category I and II 3-point hitch. Attachment is quick and easy, and the hitch provides astonishing lift capacity. (L47 is Category I only.)



Large Fuel Tank

A large, 17.7 gal. (67 liter) fuel tank lets you get more work done between fueling stops. Less down-time for refueling means greater productivity and efficiency, particularly on those big tractor jobs.



ROPS/FOPS (Meets OSHA1926 1001/1003 & ISO3471)

The 4-post Rollover Protective Structure and the Falling Objective Protective Structure come standard on the L47. To help keep you safe from any potential risks, a steel roof lies underneath the stylish orange canopy.



Remote Hydraulic Control Valves

The L47 offers three optional Remote Hydraulic Control Valves for a greater selection of hydraulically powered implements. For operators, this versatile system translates into a convenient and cost-efficient solution.



Transporting This Workhorse Is Easy

Easy and fast. Even with both loader and backhoe attached, the compact L47 weighs just 7,205 lbs. and can be loaded on a 10,000-lb. GVWR rated trailer pulled by a ¾-ton pickup truck, letting you quickly and efficiently move to the next job site. (In most states)