

L45 TRACTOR SPECIFICATIONS

Engine	Gross power (SAE)	45.0 HP (33.6 kW)
	Net power (SAE)	42.5 HP (31.7 kW)
	Total displacement	134.0 cu.in. (2197 cm ³)
	No. of cylinders	4
	Rated speeds	2700 rpm
	Air cleaner	Dual element
Max. PTO power		32.0 HP (23.9 kW)
Fuel tank capacity		11.9 gal (45 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⁾		7173 lbs (3254 kg)
Min. turning radius*³⁾		11.2 ft. (3.4 m)
Rear PTO		Independent, 540 rpm
Clutch		Dry, Single
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		4 post, Standard
Hard nose slanted hood		Standard
Others	Loader-integrated reinforced frame	Standard
	Reversible seat	Standard
	Tilt steering	Standard
	Muffler	Enclosed (w/spark arrestor)
	Pedals	Hanging type
	Deck	Walk-through deck
Glow plug		Super glow

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

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

*³⁾Without brake

L45 TL1000A LOADER SPECIFICATIONS

Lift capacity to max. height at bucket bottom mid point:	2200 lbs (1000 kg)
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	16.8 in (426 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.
3rd function valves	Optional 11.5 GPM

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

L45 BT1000A 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	91.3 in (2319 mm)
L. Loading reach	58.7 in (1491 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 11.8 GPM

*The specifications are taken with KUBOTA's L45 tractor.
(Tire size:27x10.5-15R4 (Front) and 15-19.5R4 (Rear))

