

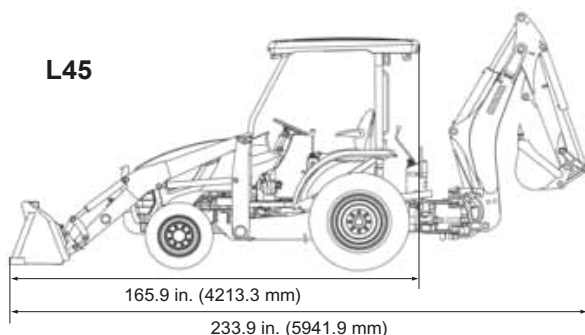
M59 TRACTOR SPECIFICATIONS

Engine	Gross power (SAE)	59 HP (44.0 kw)
	Net power (SAE)	57 HP (42.5 kw)
	Total displacement	148.5 cu.in. (2434 cm ³)
	No. of cylinders	4
	Rated speeds	2700 rpm
	Air cleaner	Dual element
Max. PTO power		46 HP (34.3 kw)
Fuel tank capacity		14.6 gal (55 liters)
Tire size	Front	10 x 16.5-R4
	Rear	17.5L-24 R4
Wheelbase		80.7 in. (2050 mm)
Tread	Front	56.7 in (1440 mm)
	Rear	57.6 in (1462 mm)
Weight with Loader, Backhoe and ROPS/FOPS*¹⁾		8344.5 lbs (3785 kg)* ¹⁾
Min. turning radius*³⁾		11.2 ft. (3.4 m)
Rear PTO		540 rpm, Live Independent
Clutch		Dry, single
Power steering		Hydrostatic
Transmission	Type	HST PLUS (6 range)
	No. of speeds	Infinite
	Max. traveling speed	15.5 mph (24.9 km/h)
	Range shift lever position	Seat side, right
Brake type		Wet disc
Hydraulic system	Pump capacity	30.9 GPM (116.9 ℓ/min)* ²⁾
	3-point hitch lift capacity at 24 in. (610 mm) behind lift point	2796 lbs (1350 kgf)
	Position control	Standard
3-point hitch (Category I & II)		Optional
ROPS/FOPS		4-post, Standard
Others	Hard nose slanted hood	Standard
	Back-up alarm	Standard
	Horn	Standard
	Loader-integrated reinforced frame	Standard
	Reversible seat	Standard
	Tilt steering	Standard
	Rear axle differential lock	Standard
	Muffler	Enclosed (w/ spark arrestor)
	Pedals	Hanging type
	Deck	Walk-through deck
	Glow plug	Super glow

*¹⁾ With 84" loader quick bucket, 24" backhoe bucket and standard tires.

*²⁾ 16 GPM for loader/backhoe, 5.3 GPM for backhoe boom swing, 6.6 GPM for power steering.

*³⁾ Without brake



M59 TL1350 LOADER SPECIFICATIONS

Lift capacity to max. height at bucket bottom mid point:	2976 lbs (1350 kg)	
Lift capacity to max. height at pivot pin:	3960 lbs (1796 kgf)	
Breakout force at pivot pin:	5992 lbs (26654 N)	
Control valve:	One detent float position power beyond circuit	
Net weight (Approx.):	1169 lbs (530 kg)	
Auto-leveling mechanism:	Standard, Hydraulic	
2 lever quick coupler:	Standard	
Operating Dimensions:		
A. Maximum lift height to pivot pin	126.1 in. (3203 mm)	
B. Clearance with bucket dumped	95.0 in. (2412 mm)	
C. Reach at maximum height	22.9 in. (582 mm)	
D. Maximum dump angle	43 deg.	
E. Reach with bucket on ground	71.7 in. (1821 mm)	
F. Bucket rollback angle	45 deg.	
G. Digging depth	2.7 in. (69 mm)	
H. Overall height in carrying position	63.0 in. (1600 mm)	
Performance Ratings (No Load Self-leveling, Max 2900rpm)		
	on	off
Raise to full height:	4.2 sec.	3.9 sec
Lowering time:	4.3 sec.	3.1 sec
Attachment rollback time:	2.4sec.	2.4 sec
Attachment dumping time:	2.4 sec.	2.4 sec
3rd function valves	Optional 16 GPM	

*Tires applied: 10 x 16.5-15R4 (Front) and 17.5L-24R4 (Rear)

M59 BT1200 BACKHOE SPECIFICATIONS

Digging force using bucket cylinder (approx.)	6604 lbs (29376N)
Digging force using dipperstick cylinder (approx.)	4524 lbs (20124 N)
Trunnion type boom swing mechanism	Two cylinders
Net weight (approx.)	1956 lbs (886 kg)
Operating Dimensions:	
A. Transport height	123.9 in. (3146 mm)
B. Stabilizer spread-transport	67.2 in. (1707 mm)
C. Ground clearance	13.8 in. (351 mm)
E. Overall width	75.0 in. (1905 mm)
F. Digging depth, maximum	144.0 in. (3652 mm)
G. Digging depth, 2ft. flat bottom	143.0 in. (3632 mm)
H. Digging depth, 8ft. flat bottom	127.6 in. (3242 mm)
J. Operating height, fully raised	183.1 in. (4651 mm)
K. Loading height	105.9 in. (2690 mm)
L. Loading reach	69.3 in. (1759 mm)
M. Reach from swing pivot	187.9 in. (4773 mm)
N. Swing pivot to rear axle center line	39.7 in. (1008 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...	20.7 deg.
U. Leveling angle	10.0 deg.
Auxiliary hydraulic valve:	Optional 17.5 GPM

*The specifications are taken with KUBOTA's M59 tractor.

*Tire size: 10-16.5 R4 (Front) and 17.5L-24 R4 (Rear)

