



**T650** | Compact Loaders



## Machine Rating

Rated operating capacity, ISO 14397-1	1271 kg
Tipping load	3632 kg
Pump capacity	87.10 L/min
Pump capacity (with high flow option)	115.50 L/min
System relief at quick couplers	23.8-24.5 MPa
Max. travel speed	10.6 km/h

## Engine

Make / Model	Kubota / V3307-DI-TE3
Fuel	Diesel
Cooling	Liquid
Power at 2400 RPM	55.4 kW
Torque, maximum at 1600 RPM (SAE J1998 Gross)	264.0 Nm
Number of cylinders	4
Displacement	3331 cm <sup>3</sup>
Fuel tank	103.30 L

## Weights

Operating weight	4585 kg
Shipping weight	4322 kg

## Controls

Vehicle steering	Direction and speed controlled by two hand levers or joysticks (optional)
Loader hydraulics tilt and lift	Separate foot pedals, optional Advanced Control System (ACS), Advanced Hand Controls (AHC) or Selectable Joystick Controls (SJC)
Front auxiliary (standard)	Electrical switch on right-hand steering lever

## Drive System

Transmission	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors
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## Standard Features

Adjustable suspension seat	Lift arm support
Automatically activated glow plugs	Work lights, front and rear
Auxiliary hydraulics: variable flow/maximum flow	Parking brake
Bob-Tach™ frame	Seat belt
Bobcat Interlock Control System (BICS)	Seat bar
Deluxe operator cab* - Includes interior cab foam, side, top and rear windows, cab door with windshield wiper and sensor, Deluxe wire harness, dome light, electrical power port, cup holder, storage compartment and horn <sup>1</sup>	Turbo-charger with approved spark arrestor
Electrically activated proportional front auxiliary hydraulics	Tracks — rubber — 450 mm
Engine/hydraulics system shutdown	CE certification
Hydraulic bucket positioning (including ON/OFF switch)	Warranty: 12 months or 2000 hours, whichever occurs first

Instrumentation  
 1. \* Roll Over Protective Structure (ROPS) – meets requirements of SAE-J1040 and ISO 3471; Falling Object Protective Structure (FOPS) - meets requirements of SAE-J1043 and ISO 3449, Level I

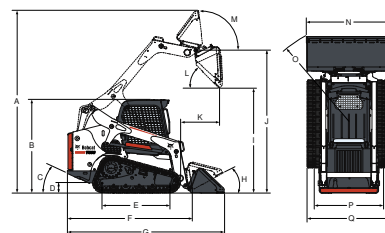
## Options

Deluxe instrument panel	Advanced Hand Controls (AHC)
Power Bob-Tach™	Selectable Joystick Controls (SJC)
Cab enclosure with heating	Roller Suspension™
Air conditioning	High flow hydraulics
Advanced Control System (ACS)	

## Environmental

Operator LpA (98/37 & 474-1)	85 dB(A)
Noise level LWA (EU Directive 2000/14/EC)	103 dB(A)
Whole body vibration (ISO 2631-1)	0.54 ms <sup>-2</sup>
Hand-arm vibration (ISO 5349-1)	1.61 ms <sup>-2</sup>

## Dimensions



(A)	4026.0 mm	(J)	3149.0 mm
(B)	2065.0 mm	(K)	870.0 mm
(C)	31°	(L)	42°
(D)	406.0 mm	(M)	97°
(E)	1499.0 mm	(N)	1880.0 mm
(F)	2754.0 mm	(O)	2228.0 mm
(G)	3474.0 mm	(P)	1532.0 mm
(H)	30°	(Q)	1851.0 mm
(I)	2447.0 mm		

## Attachments

Angle Brooms	Pallet Forks, Hydraulic
Augers	Pallet Forks, Standard
Backhoes	Planers
Bale Forks	Rotary Cutters
Box Blades	Scarifiers
Breakers	Scrapers
Brush Saws	Skeleton Buckets
Bucket Adapters	Snow & Light Material Buckets
Chippers	Snow Blades
Combination Buckets	Snowblowers
Concrete Pumps	Snow V-Blades
Construction / Industrial Buckets	Sod Layers
Dozer Blades	Soil Conditioners
Dumping Hoppers	Spreaders
Fertilizer Buckets	Stabilizers
Flail Cutters	Stump Grinders
Graders	Sweepers
Grapples, Farm - Utility	Tillers
Grapples, Industrial	Tilt-Tatch
Landplanes	Trench Compactors
Landscape Rakes	Trenchers
Low Profile Buckets	Vibratory Rollers
Miscellaneous	Water Kits
Mowers	Wheel Saws
Pallet Fork Accessories	

Specifications and design are subject to change without notice. Pictures of Bobcat products may show other than standard equipment.



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