



Bobcat®

COMPACT TRACK LOADERS
T650



One Tough Animal®

T650 — SPECIFICATIONS

Machine Rating

| | |
|---|---------------|
| Rated operating capacity (ISO 14397-1) | 1271 kg |
| Tipping load (ISO 14397-1) | 3807 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 |
| Max. travel speed (high range – optional) | 17.2 km/h |

Engine

| | |
|---------------------------------------|-----------------------|
| Make / Model | Kubota / V3307-DI-TE3 |
| Fuel | Diesel |
| Cooling | Liquid |
| Maximum power at 2400 RPM (SAE J1995) | 55.4 kW |
| Torque at 1600 RPM (SAE J1995 Gross) | 264.0 Nm |
| Number of cylinders | 4 |
| Displacement | 3331 cm ³ |
| Fuel tank | 166.40 L |

Weights

| | |
|------------------|---------|
| Operating weight | 4490 kg |
| Shipping weight | 4154 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) or Selectable Joystick Controls (SJC) |
| Front auxiliary (standard) | Electrical switch on right-hand steering lever |

Drive System

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|--------------|---|
| Transmission | Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors |
|--------------|---|

Standard Features

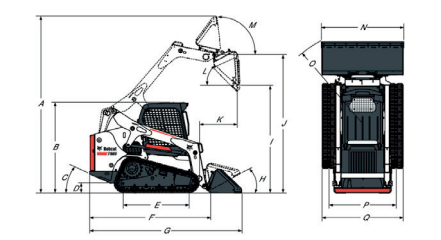
| | |
|--|---|
| Adjustable suspension seat | Lift arm support |
| Automatically activated glow plugs | Work lights, front and rear |
| Auxiliary hydraulics: variable flow/maximum flow | Parking brake |
| Bob-Tach™ frame | Seat belt |
| Bobcat Interlock Control System (BICS) | Seat bar |
| Deluxe operator cab, includes rear window ¹ | Turbo-charger with approved spark arrestor |
| Electrically activated proportional front auxiliary hydraulics | Tracks — rubber — 450 mm |
| Engine/hydraulics system shutdown | 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 | Roller Suspension™ |
| Power Bob-Tach™ | High flow hydraulics |
| Hydraulic bucket positioning (including ON/OFF switch) | Two speed |
| Cab enclosure with heating | Air ride seat with 2 point seat belt |
| Air conditioning | Air ride seat with 3 point seat belt |
| Advanced Control System (ACS) | Back-up alarm |
| Advanced Hand Controls (AHC) | Beacon |
| Selectable Joystick Controls (SJC) | Strobe |

Dimensions



| | | | |
|-----|-----------|-----|-----------|
| (A) | 4026.0 mm | (J) | 3149.0 mm |
| (B) | 2065.0 mm | (K) | 870.0 mm |
| (C) | 29.0° | (L) | 42.0° |
| (D) | 185.0 mm | (M) | 97.0° |
| (E) | 1486.0 mm | (N) | 2032.0 mm |
| (F) | 2754.0 mm | (O) | 2228.0 mm |
| (G) | 3474.0 mm | (P) | 1532.0 mm |
| (H) | 30.0° | (Q) | 1981.0 mm |
| (I) | 2447.0 mm | | |

Attachments

| | |
|-----------------------------------|-------------------------------|
| Angle Brooms | Pallet Forks, Standard |
| Augers | Planers |
| Backhoes | Rear Stabilizers |
| Bale Forks | Root Grapples |
| Box Blades | Rotary Grinders |
| Breaker Accessories | Sand Cleaners |
| Breakers | Scarifiers |
| Brushcat™ Rotary Cutters | Scrapers |
| Brush Saws | Seeders |
| Bucket Adapters | Silt Fence Installers |
| Combination Buckets | Skeleton Buckets |
| Concrete Mixers | Snow & Light Material Buckets |
| Concrete Pumps | Snow Blades |
| Construction / Industrial Buckets | Snow Blowers |
| Dozer Blades | Snow Pushers |
| Drop Hammers | Snow V-Blades |
| Dumping Hoppers | Sod Layers |
| Fertilizer and Grain Buckets | Soil Conditioners |
| Flail Cutters | Spreaders |
| Forestry Cutters | Stump Grinders |
| Graders | Sweepers |
| Grapples, Industrial | Tillers |
| Landplanes | Tree Transplanters |
| Landscape Rakes | Trench Compactors |
| Laser Equipment | Trenchers |
| Low Profile Buckets | Utility Forks |
| Miscellaneous | Utility Frames |
| Mixing Buckets | Vibratory Rollers |
| Mowers | Water Kits |
| Packer Wheels | Wheel Saws |
| Pallet Fork Accessories | Whisker Brooms |
| Pallet Forks, Hydraulic | Wood Chippers |

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Bobcat equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Bobcat units may show other than standard equipment.



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