



**Bobcat®**

**COMPACT TRACK LOADERS  
T650**



***One Tough Animal.***

# T650 — SPECIFICATIONS

## T650 Loaders Specifications

### Machine Rating

|                                        |               |
|----------------------------------------|---------------|
| Rated operating capacity (ISO 14397-1) | 1271 kg       |
| Tipping load (ISO 14397-1)             | 3632 kg       |
| Pump capacity                          | 87.10 L/min   |
| Pump capacity (with high flow option)  | 126.90 L/min  |
| System relief at quick couplers        | 23.8-24.5 MPa |
| Max. travel speed                      | 10.6 km/h     |

### Engine

|                                               |                      |
|-----------------------------------------------|----------------------|
| Make / Model                                  | Kubota / V3307       |
| Fuel                                          | Diesel               |
| Cooling                                       | Liquid               |
| Power at 2400 RPM (SAE J1995)                 | 55.4 kW              |
| Power at 2400 RPM (SAE J1995)                 | 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 |
|--------------|-----------------------------------------------------------------------------------------------------|

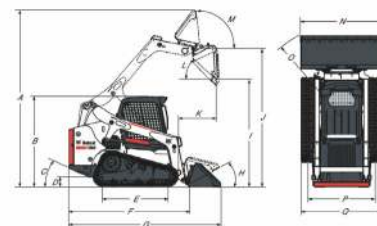
### Standard Features

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

### Dimensions



|     |           |     |           |
|-----|-----------|-----|-----------|
| (A) | 4026.0 mm | (J) | 3149.0 mm |
| (B) | 2065.0 mm | (K) | 870.0 mm  |
| (C) | 31.0°     | (L) | 42.0°     |
| (D) | 406.0 mm  | (M) | 97.0°     |
| (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) | 30.0°     | (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                    | Buckets                       |
| Construction / Industrial Buckets | Snow Blades                   |
| Dozer Blades                      | Snow Blowers                  |
| Drop Hammers                      | Snow Pushers                  |
| Dumping Hoppers                   | Snow V-Blades                 |
| Fertilizer and Grain Buckets      | Sod Layers                    |
| Flail Cutters                     | Soil Conditioners             |
| Forestry Cutters                  | Spreaders                     |
| Graders                           | Stump Grinders                |
| Grapples, Industrial              | Sweepers                      |
| Landplanes                        | Tillers                       |
| Landscape Rakes                   | Tree Transplanters            |
| Laser Equipment                   | Trench Compactors             |
| Low Profile Buckets               | Trenchers                     |
| Miscellaneous                     | Utility Forks                 |
| Mixing Buckets                    | Utility Frames                |
| Mowers                            | Vibratory Rollers             |
| Packer Wheels                     | Water Kits                    |
| Pallet Fork Accessories           | Wheel Saws                    |
| Pallet Forks, Hydraulic           | Whisker Brooms                |
|                                   | Wood Chippers                 |



# Bobcat®

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