

T870 | Loaders

Specifications

Machine Rating

| | |
|-------------------------------------------|---------------|
| Rated operating capacity (ISO 14397-1) | 1726 kg |
| Tipping load (ISO 14397-1) | 4931 kg |
| Pump capacity | 87.10 L/min |
| Pump capacity (with high flow option) | 138.50 L/min |
| System relief at quick couplers | 23.8-24.5 MPa |
| Max. travel speed | 10.5 km/h |
| Max. travel speed (high range – optional) | 18.3 km/h |

Engine

| | |
|--------------------------------------|----------------------|
| Make / Model | Bobcat / D34 |
| Compliance | 97/68 EC Stage IV |
| Fuel | Diesel |
| Cooling | Liquid |
| Power at 2400 RPM | 74.6 kW |
| Torque at 1500 RPM (SAE J1995 Gross) | 380.6 Nm |
| Number of cylinders | 4 |
| Displacement | 3409 cm ³ |
| Fuel tank | 123.00 L |

Weights

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|------------------|---------|
| Operating weight | 5863 kg |
| Shipping weight | 5329 kg |

Controls

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|---------------------------------|-------------------------------------------------|
| Vehicle steering | Direction and speed controlled by two joysticks |
| Loader hydraulics tilt and lift | Selectable Joystick Control (SJC) |
| Front auxiliary (standard) | Electrical switch on right-hand joystick |

Drive System

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

Standard Features

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| Torsion Suspension™ with auto track tensioning | Lift arm support |
| Selectable Joystick Controls (SJC) | Work lights, front and rear |
| Two speed | Parking brake |
| Adjustable suspension seat | Seat belt |
| Automatically activated intake air heater | Seat bar |
| Auxiliary hydraulics: variable flow/maximum flow | Turbo-charger with approved spark arrestor |
| Bob-Tach™ frame | Tracks — rubber — 450 mm |
| Bobcat Interlock Control System (BICS) | CE certification |
| 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 ¹ | Warranty: 12 months or 2000 hours, whichever occurs first |

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

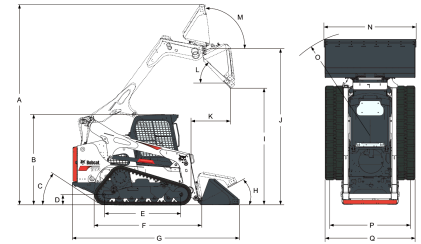
Options

| | |
|--------------------------------|--------------------------------------|
| Heavy duty radio | Air conditioning |
| Deluxe instrument panel | Air ride seat with 3 point seat belt |
| Power Bob-Tach™ | Back-up alarm |
| Cab enclosure with heat | Beacon |
| High-flow auxiliary hydraulics | Strobe |

Environmental

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|-----------------------------------------------|-----------------------|
| Operator LpA (98/37 & 474-1) | 82 dB(A) |
| Operator LpA (98/37 & 474-1) uncertainty | 3 dB(A) |
| Noise level LWA (EU Directive 2000/14/EC) | 104 dB(A) |
| Whole body vibration (ISO 2631-1) | 1.50 ms ⁻² |
| Whole body vibration (ISO 2631-1) uncertainty | 0.60 ms ⁻² |
| Hand-arm vibration (ISO 5349-1) | 0.50 ms ⁻² |

Dimensions



| | |
|---------------|---------------|
| (A) 4689.0 mm | (J) 3657.0 mm |
| (B) 2123.0 mm | (K) 927.0 mm |
| (C) 33.0° | (L) 42.0° |
| (D) 249.0 mm | (M) 98.0° |
| (E) 1783.0 mm | (N) 2133.0 mm |
| (F) 3030.0 mm | (O) 2514.0 mm |
| (G) 3910.0 mm | (P) 1658.0 mm |
| (H) 30.0° | (Q) 2103.0 mm |
| (I) 2728.0 mm | |

Attachments

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