Specification Number	Code	Description	Price - All Zones
153	T76	Credit - Downgrade into the Bobcat® T76 Compact Track Loader	1142.76
153	T66	Credit - Downgrade into the Bobcat® T66 Compact Track Loader	6507.12
153	T64	Credit - Downgrade into the Bobcat® T64 Compact Track Loader	7329.92
153	T62	Credit - Downgrade into the Bobcat® T62 Compact Track Loader	10309.68
153	T450	Credit - Downgrade into the Bobcat® T450 Compact Track Loader	14786.52
153	T770	Upgrade to the Bobcat® T770 Compact Track Loader	2660.16
153	T870	Upgrade to the Bobcat® T870 Compact Track Loader	17022.4
153	Options	32% off MSRP for all Factory Installed Options	0.32
153	Attachments	24% off MSRP for all Attachments	0.24

Product Quotation

Quotation Number: BDH-00202
Date: 2020-08-21 10:55:41

Description	Part No	Qty	Price Ea.	Total
T76 T4 Bobcat Compact Track Loader	M0371	1	$45,808.88	$45,808.88
74.0 HP Tier 4 V2 Bobcat Engine				
Auxiliary Hydraulics: Variable Flow				
Backup Alarm				
Bob-Tach				
Bobcat Interlock Control System (BICS)				
Controls: Selectable Joystick Controls				
Cylinder Cushioning - Lift, Tilt				
Engine/Hydraulic Performance De-rate Protection				
Glow Plugs (Automatically Activated)				
Horn				
Instrumentation: Standard 5" Display (Rear Camera Ready) with Engine Temperature and Fuel Gauges, Hour meter, RPM and Warning Indicators. Includes maintenance interval notification, fault display, job codes, quick start, auto idle, and security lockouts.				
Lift Arm Support				
Lift Path: Vertical				
Lights, Front and Rear LED				
Operator Cab				
Includes: Vinyl Adjustable Vinyl Suspension Seat, Top and Rear Windows, Parking Brake, Seat Bar and Seat Belt				
Roll Over Protective Structure (ROPS) meets SAE-J1040 and ISO 3471				
Falling Object Protective Structure (FOPS) meets SAE-J1043 and ISO 3449, Level I; (Level II is available through Bobcat Parts)				
Parking Brake: Spring Applied, Pressure Released (SAPR)				
Solid Mounted Carriage with 4 Rollers				
Tracks: Rubber, 12.6" Wide				
Warranty: 2 years, or 2000 hours whichever occurs first				
Machine IQ Telematics				
P17 Performance Package	M0371-P06-P17	1	$1,447.04	$1,447.04
Power Bob-Tach				
Dual Direction Bucket Positioning				
7-Pin Attachment Control				
C40 Comfort Package	M0371-P07-C40	1	$493.68	$493.68
74" Heavy Duty Bucket	7272680	1	$872.48	$872.48
--- Bolt-On Cutting Edge, 74"	6718007	1	$230.00	$230.00

Total of Items Quoted	**$48,852.08**
Dealer Assembly Charges	**$62.50**
Quote Total - US dollars	**$48,914.58**

Notes:

All prices subject to change without prior notice or obligation. This price quote supersedes all preceding price quotes.

Customer Acceptance:

Purchase Order: _____

Authorized Signature:

Print:_____ **Sign:**_____ **Date:** _____

Product Quotation

Quotation Number: BDH-00203
Date: 2020-08-21 10:40:34

Description	Part No	Qty	Price Ea.	Total
T66 T4 Bobcat Compact Track Loader	M0349	1	$40,533.44	$40,533.44
74.0 HP Tier 4 V2 Bobcat Engine				
Auxiliary Hydraulics: Variable Flow				
Backup Alarm				
Bob-Tach				
Bobcat Interlock Control System (BICS)				
Controls: Bobcat Standard				
Cylinder Cushioning - Lift, Tilt				
Engine/Hydraulic Performance De-rate Protection				
Glow Plugs (Automatically Activated)				
Horn				
Instrumentation: Standard 5" Display (Rear Camera Ready) with Engine Temperature and Fuel Gauges, Hour meter, RPM and Warning Indicators. Includes maintenance interval notification, fault display, job codes, quick start, auto idle, and security lockouts.				
Lift Arm Support				
Lift Path: Vertical				
Lights, Front and Rear LED				
Operator Cab				
Includes: Adjustable Suspension Seat, Top and Rear Windows, Parking Brake, Seat Bar and Seat Belt				
Roll Over Protective Structure (ROPS) meets SAE-J1040 and ISO 3471				
Falling Object Protective Structure (FOPS) meets SAE-J1043 and ISO 3449, Level I; (Level II is available through Bobcat Parts)				
Parking Brake: Spring Applied, Pressure Released (SAPR)				
Solid Mounted Carriage with 4 Rollers				
Tracks: Rubber, 12.6" Wide				
Warranty: 2 years, or 2000 hours whichever occurs first				
Machine IQ Telematics				
P17 Performance Package	M0349-P06-P17	1	$1,447.04	$1,447.04
"Power Bob-Tach				
7-Pin Attachment Control				
Dual Direction Bucket Positioning"				
C40 Comfort Package	M0349-P07-C40	1	$493.68	$493.68
Open Cab				
Deluxe Headliner				
Radio Ready				
Adjustable Suspension Seat				
68" Heavy Duty Bucket	7272679	1	$802.56	$802.56
--- Bolt-On Cutting Edge, 68"	6718006	1	$211.00	$211.00

Total of Items Quoted	**$43,487.72**
Dealer Assembly Charges	**$62.50**
Quote Total - US dollars	**$43,550.22**

Notes:

All prices subject to change without prior notice or obligation. This price quote supersedes all preceding price quotes.

Customer Acceptance:

Purchase Order: _____

Authorized Signature:

Print:_____ **Sign:**_____ **Date:** _____

Product Quotation

Quotation Number: BDH-00204
Date: 2020-08-21 10:38:26

Description	Part No	Qty	Price Ea.	Total
T64 T4 Bobcat Compact Track Loader	M0363	1	$39,710.64	$39,710.64
68.0 HP Tier 4 V2 Bobcat Engine				
Auxiliary Hydraulics: Variable Flow				
Backup Alarm				
Bob-Tach				
Bobcat Interlock Control System (BICS)				
Controls: Bobcat Standard				
Cylinder Cushioning - Lift, Tilt				
Engine/Hydraulic Performance De-rate Protection				
Glow Plugs (Automatically Activated)				
Horn				
Instrumentation: Standard 5" Display (Rear Camera Ready) with Engine Temperature and Fuel Gauges, Hour meter, RPM and Warning Indicators. Includes maintenance interval notification, fault display, job codes, quick start, auto idle, and security lockouts.				
Lift Arm Support				
Lift Path: Vertical				
Lights, Front and Rear LED				
Operator Cab				
Includes: Adjustable Vinyl Suspension Seat, Top and Rear Windows, Parking Brake, Seat Bar and Seat Belt				
Roll Over Protective Structure (ROPS) meets SAE-J1040 and ISO 3471				
Falling Object Protective Structure (FOPS) meets SAE-J1043 and ISO 3449, Level I; (Level II is available through Bobcat Parts)				
Parking Brake: Spring Applied, Pressure Released (SAPR)				
Solid Mounted Carriage with 4 Rollers				
Tracks: Rubber, 12.6" Wide				
Warranty: 2 years, or 2000 hours whichever occurs first				
Machine IQ Telematics				
P17 Performance Package	M0363-P06-P17	1	$1,447.04	$1,447.04
"Power Bob-Tach				
7-Pin Attachment Control				
Dual Direction Bucket Positioning"				
C40 Comfort Package	M0363-P07-C40	1	$493.68	$493.68
Open Cab				
Deluxe Headliner				
Radio Ready				
Adjustable Suspension Seat				
68" Heavy Duty Bucket	7272679	1	$802.56	$802.56
--- Bolt-On Cutting Edge, 68"	6718006	1	$211.00	$211.00

Total of Items Quoted	**$42,664.92**
Dealer Assembly Charges	**$62.50**
Quote Total - US dollars	**$42,727.42**

Notes:

All prices subject to change without prior notice or obligation. This price quote supersedes all preceding price quotes.

Customer Acceptance:

Purchase Order: _____

Authorized Signature:

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Product Quotation

Quotation Number: BDH-00205
Date: 2020-08-21 10:28:53

Description	Part No	Qty	Price Ea.	Total
T62 T4 Bobcat Compact Track Loader	M0355	1	$36,730.88	$36,730.88
68.0 HP Tier 4 V2 Bobcat Engine				
Auxiliary Hydraulics: Variable Flow				
Backup Alarm				
Bob-Tach				
Bobcat Interlock Control System (BICS)				
Controls: Bobcat Standard				
Cylinder Cushioning - Lift, Tilt				
Engine/Hydraulic Performance De-rate Protection				
Glow Plugs (Automatically Activated)				
Horn				
Instrumentation: Standard 5"" Display (Rear Camera Ready) with Engine Temperature & Fuel Gauges, Hour meter, RPM and Warning Indicators. Includes maintenance interval notification, fault display, job codes, quick start, and security lockouts.				
Lift Arm Support				
Lift Path: Radius				
Lights, Front & Rear LED				
Operator Cab				
Includes: Adjustable Suspension Seat, Top & Rear Windows, Parking Brake, Seat Bar & Seat Belt				
Roll Over Protective Structure (ROPS) meets SAE-J1040 & ISO 3471				
Falling Object Protective Structure (FOPS) meets SAE-J1043 & ISO 3449, Level I; (Level II is available through Bobcat Parts)				
Parking Brake: Spring Applied, Pressure Released (SAPR)				
Solid Mounted Carriage with 4 Rollers				
Tracks: Rubber, 12.6"" Wide				
Warranty: 2 years, or 2000 hours whichever occurs first				
Machine IQ Telematics				
P17 Performance Package	M0355-P06-P17	1	$1,447.04	$1,447.04
C40 Comfort Package	M0355-P07-C40	1	$493.68	$493.68
68" Heavy Duty Bucket	7272679	1	$802.56	$802.56
--- Bolt-On Cutting Edge, 68"	6718006	1	$211.00	$211.00

Total of Items Quoted	**$39,685.16**
Dealer Assembly Charges	**$62.50**
Quote Total - US dollars	**$39,747.66**

Notes:

All prices subject to change without prior notice or obligation. This price quote supersedes all preceding price quotes.

Customer Acceptance:

Purchase Order: _____

Authorized Signature:

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Product Quotation

Quotation Number: BDH-00206
Date: 2020-08-21 10:26:07

Description	Part No	Qty	Price Ea.	Total
T450 T4 Bobcat Compact Track Loader	M0207	1	$32,769.20	$32,769.20
61.0 HP Tier 4 Turbo Diesel Engine Auxiliary Hydraulics: Variable Flow Backup Alarm Bob-Tach Bobcat Interlock Control System (BICS) Controls: Bobcat Standard Engine/Hydraulic Systems Shutdown Glow Plugs (Automatically Activated) Horn Instrumentation: Engine Temperature & Fuel Gauges, Hourmeter, RPM and Warning Lights Lift Arm Support Lift Path: Radius				
Lights, Front & Rear Operator Cab Includes: Adjustable Suspension Seat, Top & Rear Windows, Parking Brake, Seat Bar & Seat Belt Roll Over Protective Structure (ROPS) meets SAE-J1040 & ISO 3471 Falling Object Protective Structure (FOPS) meets SAE-J1043 & ISO 3449, Level I; (Level II is available through Bobcat Parts) Parking Brake: Spring Applied, Pressure Released (SAPR) Solid Mounted Carriage with 3 Rollers Spark Arrestor Exhaust System Tracks: Rubber, 11.8" Wide Warranty: 2 years, or 2000 hours whichever occurs first				
O71 Option Package Power Bob-Tach Deluxe Instrument Panel Keyless Start	M0207-P01-O71	1	$1,586.44	$1,586.44
Attachment Control Kit Cab Accessories Package				
56" Heavy Duty Bucket	7293982	1	$678.68	$678.68
--- Bolt-On Cutting Edge, 56"	7102450	1	$174.00	$174.00

Total of Items Quoted	**$35,208.32**
Dealer Assembly Charges	**$62.50**
Quote Total - US dollars	**$35,270.82**

Notes:

All prices subject to change without prior notice or obligation. This price quote supersedes all preceding price quotes.

Customer Acceptance:

Purchase Order: _____

Authorized Signature:

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Product Quotation

Quotation Number: BDH-00207
Date: 2020-08-21 10:21:34

Description	Part No	Qty	Price Ea.	Total
T770 T4 Bobcat Compact Track Loader	M0285	1	$49,957.56	$49,957.56
92 HP Turbo Tier 4 Diesel Engine	Lift Arm Support			
Air Intake Heater (Automatically Activated)	Lift Path: Vertical			
Auxiliary Hydraulics: Variable Flow	Lights, Front & Rear			
Backup Alarm	Operator Cab			
Bob-Tach	Includes: Adjustable Suspension Seat, Top & Rear Windows, Seat Bar, Seat Belt			
Bobcat Interlock Control System (BICS)	Roll Over Protective Structure (ROPS) meets SAE-J1040 & ISO 3471			
Controls: Bobcat Standard	Falling Object Protective Structure (FOPS) meets SAE-J1043 & ISO 3449, Level I; (Level II is available through Bobcat Parts)			
Engine/Hydraulic Systems Shutdown	Parking Brake: Spring Applied, Pressure Released (SAPR)			
Horn	Tracks: Rubber, 17.7" wide			
Instrumentation: Engine Temp & Fuel Gauges, Hourmeter, RPM and Warning Lights	Warranty: 2 years, or 2000 hours whichever occurs first			
P13 Performance Package	M0285-P06-P13	1	$964.24	$964.24
Power Bob-Tach	Hydraulic Bucket Positioning			
C10 Comfort Package	M0285-P07-C10	1	$336.60	$336.60
Open Cab	Standard Panel			
Cab Accessories Package	Adjustable Suspension Seat			
Telematics US	M0285-R51-C02	1	$0.00	$0.00
74" Severe Duty Bucket	7326130	1	$1,166.60	$1,166.60
--- Bolt-On Cutting Edge, 74"	6718007	1	$230.00	$230.00

Total of Items Quoted	**$52,655.00**
Dealer Assembly Charges	**$62.50**
Quote Total - US dollars	**$52,717.50**

Notes:

All prices subject to change without prior notice or obligation. This price quote supersedes all preceding price quotes.

Customer Acceptance:

Purchase Order: _____

Authorized Signature:

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Product Quotation

Quotation Number: BDH-00208
Date: 2020-08-21 10:19:03

Description	Part No	Qty	Price Ea.	Total
T870 T4 Bobcat Compact Track Loader	M0293	1	$62,156.76	$62,156.76
100 HP Turbo Tier 4 Diesel Engine				
2 Speed Travel				
Air Intake Heater (Automatically Activated)				
Auxiliary Hydraulics: Variable Flow				
Backup Alarm				
Bob-Tach				
Bobcat Interlock Control System (BICS)				
Controls: Bobcat Standard Controls with Power Assist				
Enclosed Cab with Air Conditioning & Heat				
Engine/Hydraulic Systems Shutdown				
Horn				
Instrumentation: Engine Temperature & Fuel Gauges, Hourmeter, RPM and Warning Lights				
Lift Arm Support				
Lift Path: Vertical				
Lights, Front & Rear				
Operator Cab				
Includes: Adjustable Suspension Seat, Top & Rear Windows, Seat Bar and 3-Point Seat Belt				
Roll Over Protective Structure (ROPS) meets SAE-J1040 & ISO 3471				
Falling Object Protective Structure (FOPS) meets SAE-J1043 & ISO 3449, Level I; (Level II is available through Bobcat Parts)				
Parking Brake: Spring Applied, Pressure Released (SAPR)				
Power Bob-Tach				
Torsion Suspension with 5 Rollers				
Tracks: Rubber, 17.7" wide				
Warranty: 2 years, or 2000 hours whichever occurs first				
P29 Performance Package	M0293-P06-P29	1	$1,468.80	$1,468.80
Power Bob-Tach				
7-Pin Attachment Control Kit				
2-Speed				
Hydraulic Bucket Positioning				
Automatic Ride Control				
Reversing Fan				
C37 Comfort Package	M0293-P07-C37	1	$1,806.08	$1,806.08
Enclosed Cab with AC/Heat				
Sound Reduction				
Cab Accessories Package				
Deluxe Instrument Panel with Keyless Start				
Radio				
Heated Cloth Air Ride Suspension Seat				
Telematics US	M0293-R51-C02	1	$0.00	$0.00
86" Severe Duty Bucket	7326128	1	$1,318.60	$1,318.60
--- Bolt-On Cutting Edge, 86"	7296449	1	$267.00	$267.00

Total of Items Quoted	**$67,017.24**
Dealer Assembly Charges	**$62.50**
Quote Total - US dollars	**$67,079.74**

Notes:

All prices subject to change without prior notice or obligation. This price quote supersedes all preceding price quotes.

Customer Acceptance:

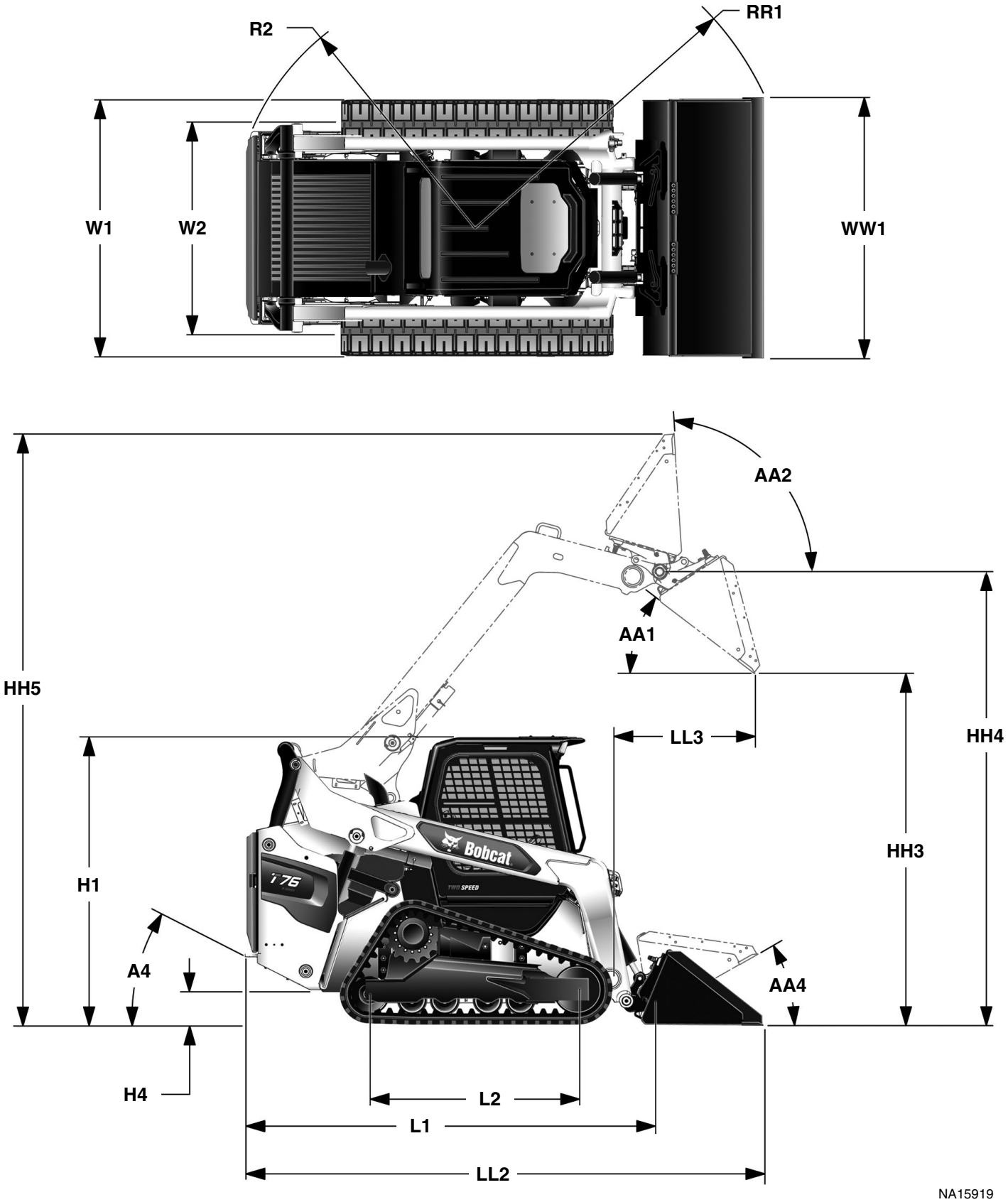
Purchase Order: _____

Authorized Signature:

Print:_____ **Sign:**_____ **Date:** _____

LOADER SPECIFICATIONS

Machine Dimensions



Machine Dimensions (Cont'd)

- Dimensions are given for loader equipped with standard tracks and 74 in. Heavy Duty bucket and may vary with other bucket types.
- Where applicable, specifications conform to SAE or ISO standards and are subject to change without notice.

R2	Rear of machine clearance radius	1752 mm (69.0 in)
RR1	Carry position machine clearance radius	2268 mm (89.3 in)
W1	Overall width	1851 mm (72.9 in)
W2	Track Gauge	1531 mm (60.3 in)
WW1	Bucket width	1880 mm (74.0 in)
HH5	Overall operating height	4252 mm (167.4 in)
H1	Overall height	2079 mm (81.8 in)
A4	Angle of departure	27 degrees
H4	Ground clearance	224 mm (8.8 in)
L2	Crawler Base	1505 mm (59.3 in)
L1	Length without attachment	2894 mm (113.9 in)
LL2	Overall length	3737 mm (147.1 in)
AA2	Maximum rollback - fully raised	94 degrees
AA1	Dump angle	37 degrees
LL3	Reach - fully raised	1014 mm (39.9 in)
HH3	Dump height	2526 mm (99.5 in)
AA4	Maximum rollback - carry position	31 degrees
HH4	Height to hinge pin	3259 mm (128.3 in)

Changes of structure or weight distribution of the loader can cause changes in control and steering response, and can cause failure of the loader parts.

LOADER SPECIFICATIONS (CONT'D)

Performance Specifications

	TORSION SUSPENSION UNDERCARRIAGE	SOLID-MOUNTED UNDERCARRIAGE
Rated Operating Capacity	1270 kg (2800 lb)	1315 kg (2900 lb)
with 200 Pound Frame Mounted Counterweight Kit	1315 kg (2900 lb)	1360 kg (3000 lb)
with 300 Pound Frame Mounted Counterweight Kit	1349 kg (2975 lb)	1394 kg (3075 lb)
Tipping Load	3628 kg (8000 lb)	3937 kg (8680 lb)
Operating Weight	4817 kg (10620 lb)	4649 kg (10250 lb)
Breakout Force – Lift	3133 kg (6908 lb)	3078 kg (6788 lb)
Breakout Force – Tilt	2695 kg (5942 lb)	2850 kg (6285 lb)
Travel Speed:		
– Single Speed Loader	0 – 10,9 km/h (0 – 6.8 mph)	0 – 10,9 km/h (0 – 6.8 mph)
– Two-Speed Loader (If equipped):		
Low Range	0 – 10,9 km/h (0 – 6.8 mph)	0 – 10,9 km/h (0 – 6.8 mph)
High Range	0 – 14,8 km/h (0 – 9.2 mph)	0 – 14,8 km/h (0 – 9.2 mph)

Engine Specifications

Make / Model	Bobcat Engine / 2,4L Bobcat Engine Tier 4
Fuel / Cooling	Diesel / Liquid
Horsepower:	
– ISO 9249 EEC / SAE J1349 Net	52,6 kW (70.5 hp) @ 2600 rpm
– ISO 14396 Gross	55,1 kW (73.8 hp) @ 2600 rpm
– SAE J1995 Gross	56,0 kW (75.0 hp) @ 2600 rpm
– Rated Power	55,2 kW (74.0 hp) @ 2600 rpm
Torque:	
– ISO 9249 EEC / SAE J1349 Net	266,1 N•m (196.3 ft-lb) @ 1800 rpm
– ISO 14396 Gross	280,2 N•m (206.7 ft-lb) @ 1800 rpm
– SAE J1995 Gross	283,9 N•m (209.4 ft-lb) @ 1800 rpm
– Rated Torque	280,0 N•m (206.5 ft-lb) @ 1800 rpm
Low Idle rpm	1025 - 1075
High Idle rpm	2575 - 2625
Number of Cylinders	4
Displacement	2400 cm3 (146.5 in3)
Bore / Stroke	90 mm / 94 mm (3.5 in / 3.7 in)
Lubrication	Gear Pump Pressure System with Filter
Crankcase Ventilation	Closed Breathing
Air Cleaner	Dry replaceable paper cartridge with separate safety element
Ignition	Diesel – Compression
Air Induction	Turbo-Charged and Charged Air Cooled
Engine Coolant	Propylene Glycol / Water Mixture
Starting Aid	Glow plugs automatically activated as needed in RUN position

LOADER SPECIFICATIONS (CONT'D)

Drive System Specifications

Main Drive	Fully hydrostatic, rubber track drive
Transmission	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors
Tracks (Tension)	Grease cylinder and spring

Control Specifications

Machine Steering	Direction and speed controlled by joystick(s)
Loader Hydraulics: – Lift and Tilt – Front Auxiliary – Rear Auxiliary (If equipped)	 Controlled by joystick(s) Controlled by electrical switch on Right Hand joystick Controlled by electrical switch on Left Hand joystick
Auxiliary Pressure Release	Pressure relieved through quick couplers; Push couplers in, hold for 5 seconds
Engine	Hand operated speed control, additional foot operated speed control pedal; key-type start switch or keypad and function error shutdown
Service Brake	Two independent hydrostatic systems controlled by joystick(s)
Secondary Brake	One of the hydrostatic transmissions
Parking Brake	Spring applied pressure release multi-disc brake activated by manually operated button on right control panel

Hydraulic System Specifications

Pump Type	Engine driven, gear type
Pump Capacity – Standard-Flow	88,1 L/min (23.3 U.S. gpm)
Pump Capacity – High-Flow	114,7 L/min (30.3 U.S. gpm)
System Relief at Quick Couplers	23,8 – 24,5 MPa (238 – 245 bar) (3450 – 3550 psi)
Filter (Main Hydraulic)	Replaceable ß 10(c) $\geq$ 200 ISO 16889, drop in element
Filter (Charge)	Replaceable ß 12(c) $\geq$ 200 ISO 16889, spin on element
Filter (Case Drain)	Replaceable ß 20(c) $\geq$ 200 ISO 16889, spin on element
Filter (Hydraulic Reservoir Vent)	Replaceable 10 micron, thread on cap
Control Valve	3-Spool, open center with electric actuator controlled lift with float and tilt; Electro-hydraulic piloted auxiliary spool
Fluid Lines	SAE Standard tubelines, hoses, and fittings
Fluid Type	BOBCAT FLUID, Hydraulic / Hydrostatic 6903117 – (Two – 2.5 U.S. gal) 6903118 – (5 U.S. gal) 6903119 – (55 U.S. gal)
Hydraulic Function Time:	
Raise Lift Arms	4.5 seconds
Lower Lift Arms	2.9 seconds
Bucket Dump	2.2 seconds
Bucket Rollback	1.6 seconds

Hydraulic Cylinder Specifications

Double-acting; lift cylinders have cushioning feature on lower, tilt cylinders have cushioning feature on dump and rollback	**BORE**	**STROKE**	**ROD**
Lift	76,2 mm (3.00 in)	648,5 mm (28.53 in)	44,5 mm (1.97 in)
Tilt	76,2 mm (3.00 in)	344,4 mm (13.56 in)	38,1 mm (1.50 in)

Electrical System Specifications

Alternator	Belt driven, 90 amperes, open frame
Battery	12 volt, 1000 cold cranking amperes @ -18°C (0°F), 186 minute reserve capacity @ 25 amperes
Starter	12 volt, gear type, 2,7 kW (3.62 hp)

Fluid Capacities

Fuel	120,0 L (31.7 U.S. gal)
Engine Oil with Filter Change	9,2 L (9.7 qt)
Engine Cooling System with Heater	11,3 L (11.9 qt)
Engine Cooling System without Heater	10,6 L (11.2 qt)
Hydraulic / Hydrostatic Reservoir	18,9 L (20.0 qt)
Hydraulic / Hydrostatic System	51,1 L (13.5 U.S. gal)
Hydrostatic Drive Motor Brake Cavity (Each)	517,5 mL (17.5 U.S. fl oz)
Air Conditioning Refrigerant (R-134a)	0,73 kg (1.6 lb)

Tracks

Standard Rubber	320 mm (12.6 in) Rubber, C-Pattern
Optional Rubber Wide	450 mm (17.7 in) Rubber, C-Pattern

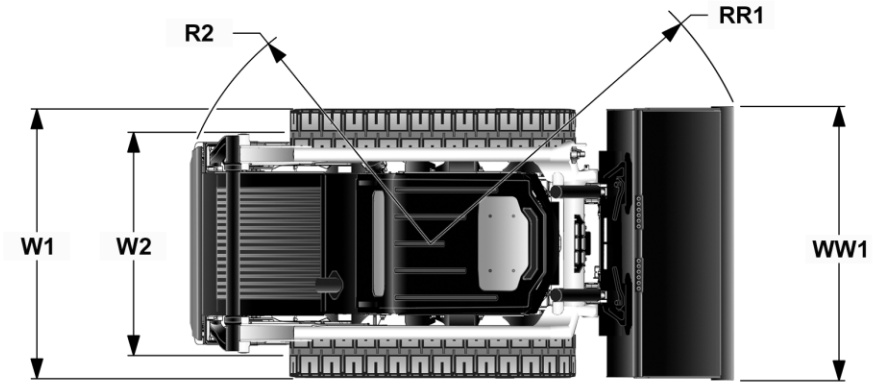
Ground Pressure

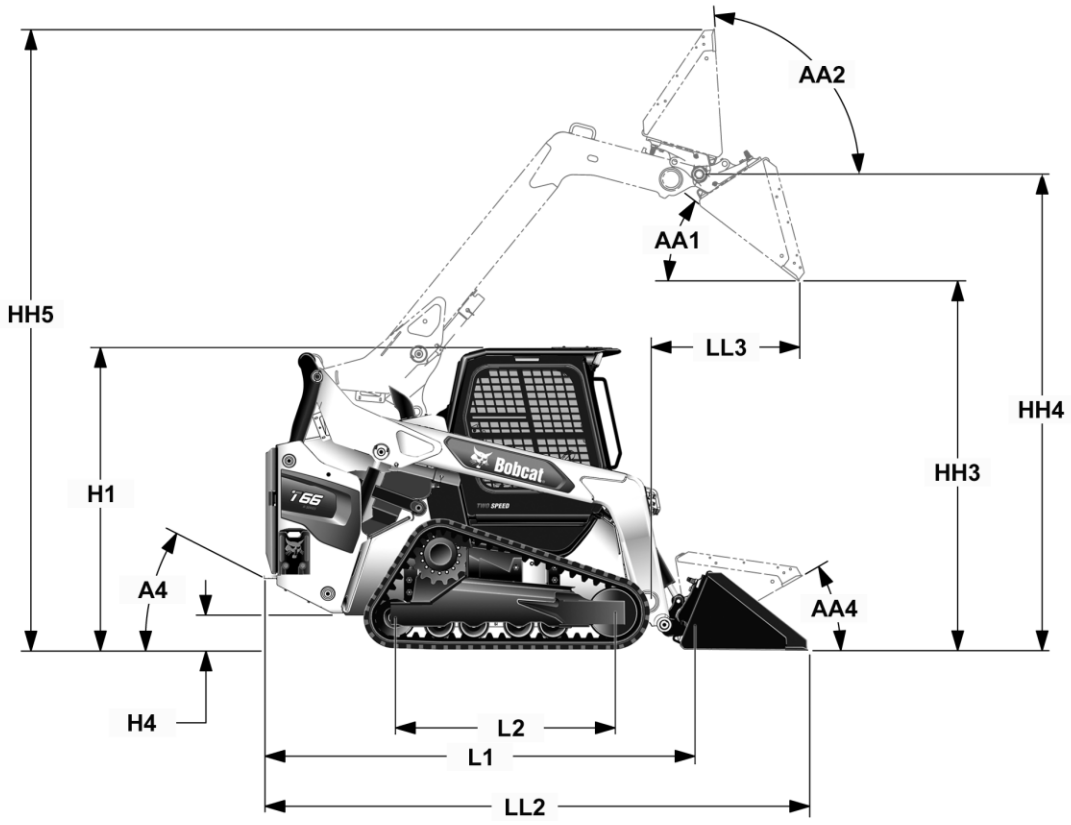
	TORSION SUSPENSION UNDERCARRIAGE	SOLID-MOUNTED UNDERCARRIAGE
Rubber Track - 320 mm (12.6 in)	0,044 MPa (0,44 bar) (6.4 psi)	0,043 MPa (0,43 bar) (6.2 psi)
Rubber Track - 450 mm (17.7 in)	0,032 MPa (0,32 bar) (4.7 psi)	0,031 MPa (0,31 bar) (4.5 psi)

T66 Loader Sales Specification

LOADER SPECIFICATIONS

Machine Dimensions





T66 Loader Sales Specification

LOADER SPECIFICATIONS (CONT'D)

Machine Dimensions (Cont'd)

- Dimensions are given for loader equipped with standard tracks and 68 in. Standard Duty bucket and may vary with other bucket types.

- Where applicable, specifications conform to SAE or ISO standards and are subject to change without notice.

R2	Rear of machine clearance radius	1646 mm (64.8 in)
RR1	Carry position machine clearance radius	2071 mm (81.5 in)
W1	Overall width	1702 mm (67.0 in)
W2	Track Gauge	1382 mm (54.4 in)
WW1	Bucket width	1727 mm (68.0 in)
HH5	Overall operating height	3910 mm (153.9 in)
H1	Overall height	2045 mm (80.5 in)
A4	Angle of departure	25 degrees
H4	Ground clearance	189 mm (7.5 in)
L2	Crawler Base	1378 mm (54.3 in)
L1	Length without attachment	2718 mm (107.0 in)
LL2	Overall length	3427 mm (134.9 in)
AA2	Maximum rollback - fully raised	94 degrees
AA1	Dump angle	37 degrees
LL3	Reach - fully raised	933 mm (36.7 in)
HH3	Dump height	2396 mm (94.3 in)
AA4	Maximum rollback - carry position	31 degrees
HH4	Height to hinge pin	3048 mm (120.0 in)

Changes of structure or weight distribution of the loader can cause changes in control and steering response, and can cause failure of the loader parts.

T66 Loader Sales Specification

LOADER SPECIFICATIONS (CONT'D)

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.

Performance Specifications

	TORSION SUSPENSION UNDERCARRIAGE	SOLID-MOUNTED UNDERCARRIAGE
Rated Operating Capacity with 200 Pound Frame Mounted Counterweights Installed	1066 kg (2350 lb)	1111 kg (2450 lb)
Rated Operating Capacity with 200 Pound Frame Mounted Counterweights Removed	998 kg (2200 lb)	1043 kg (2300 lb)
Tipping Load	3045 kg (6714 lb)	3175 kg (7000 lb)
Operating Weight	4331 kg (9548 lb)	4049 kg (8927 lb)
Breakout Force – Lift	2109 kg (4650 lb)	2029 kg (4474 lb)
Breakout Force – Tilt	2356 kg (5194 lb)	2307 kg (5085 lb)
Travel Speed:		
— Single Speed Loader	0 – 11,6 km/h (0 – 7.2 mph)	0 – 11,6 km/h (0 – 7.2 mph)
— Two-Speed Loader (If equipped):		.
— Low Range	0 – 11,6 km/h (0 – 7.2 mph)	0 – 11,6 km/h (0 – 7.2 mph)
— High Range	0 – 16,4 km/h (0 – 10.2 mph)	0 – 16,4 km/h (0 – 10.2 mph)

Engine Specifications

Make / Model	Bobcat Engine / 2,4L Bobcat Engine Tier 4
Fuel / Cooling	Diesel / Liquid
Horsepower:	
— ISO 9249 EEC / SAE J1349 Net	52,6 kW (70.5 hp) @ 2600 rpm
— ISO 14396 Gross	55,1 kW (73.8 hp) @ 2600 rpm
— SAE J1995 Gross	56,0 kW (75.0 hp) @ 2600 rpm
— Rated Power	55,2 kW (74.0 hp) @ 2600 rpm
Torque:	
— ISO 9249 EEC / SAE J1349 Net	266,3 N•m (196.3 ft-lb) @ 1800 rpm
— ISO 14396 Gross	280,2 N•m (206.7 ft-lb) @ 1800 rpm
— SAE J1995 Gross	283,9 N•m (209.4 ft-lb) @ 1800 rpm
— Rated Torque	280,0 N•m (206.5 ft-lb) @ 1800 rpm

T66 Loader Sales Specification

LOADER SPECIFICATIONS (CONT'D)

Engine Specifications (CONT'D)

Low Idle rpm	1025 - 1075
High Idle rpm	2575 - 2625
Number of Cylinders	4
Displacement	2400 cm3 (146.5 in3)
Bore / Stroke	90 mm / 94 mm (3.5 in / 3.7 in)
Lubrication	Gear Pump Pressure System with Filter
Crankcase Ventilation	Closed Breathing
Air Cleaner	Dry replaceable paper cartridge with separate safety element
Ignition	Diesel – Compression
Air Induction	Turbo-Charged and Charged Air Cooled
Engine Coolant	Propylene Glycol / Water Mixture
Starting Aid	Glow plugs automatically activated as needed in RUN position

Drive System Specifications

Main Drive	Fully hydrostatic, rubber track drive
Transmission	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors
Tracks (Tension)	Grease cylinder and spring

Control Specifications

Machine Steering	Direction and speed controlled by two hand operated steering levers or optional joystick(s)
Loader Hydraulics:	
— Lift and Tilt	Controlled by separate foot pedals or optional joystick(s)
— Front Auxiliary	Controlled by electrical switch on Right Hand steering lever or joystick
— Rear Auxiliary (If equipped)	Controlled by electrical switch on Left Hand steering lever or joystick
Auxiliary Pressure Release	Pressure relieved through quick couplers; Push couplers in, hold for 5 seconds
Engine	Hand operated speed control, additional foot operated speed control pedal with SJC option; key-type start switch or keypad and function error shutdown
Service Brake	Two independent hydrostatic systems controlled by two hand operated steering levers or optional joystick(s)
Secondary Brake	One of the hydrostatic transmissions
Parking Brake	Spring applied pressure release multi-disc brake activated by manually operated button on right control panel

T66 Loader Sales Specification

LOADER SPECIFICATIONS (CONT'D)

Hydraulic System Specifications

Pump Type	Engine driven, gear type
Pump Capacity – Standard-Flow	66,5 L/min (17.6 U.S. gpm)
Pump Capacity – High-Flow	101,8 L/min (26.9 U.S. gpm)
System Relief at Quick Couplers	23,8 – 24,5 MPa (238 – 245 bar) (3450 – 3550 psi)
Filter (Main Hydraulic)	Replaceable ß 10(c) ≥ 200 ISO 16889, drop in element
Filter (Charge)	Replaceable ß 12(c) ≥ 200 ISO 16889, spin on element
Filter (Case Drain)	Replaceable ß 20(c) ≥ 200 ISO 16889, spin on element
Filter (Hydraulic Reservoir Vent)	Replaceable 10 micron, thread on cap
Control Valve	3-Spool, open center with electric actuator controlled lift with float and tilt; Electro-hydraulic piloted auxiliary spool
Fluid Lines	SAE Standard tubelines, hoses, and fittings
Fluid Type	Bobcat Fluid, Hydraulic / Hydrostatic 6903117 – (Two – 2.5 U.S. gal) 6903118 – (5 U.S. gal) 6903119 – (55 U.S. gal)
Hydraulic Function Time: — Raise Lift Arms — Lower Lift Arms — Bucket Dump — Bucket Rollback	 3.8 seconds 2.2 seconds 2.3 seconds 1.6 seconds

Hydraulic Cylinder Specifications

Double-acting; lift cylinders have cushioning feature on lower, tilt cylinders have cushioning feature on dump and rollback	BORE	STROKE	ROD
Lift	69,9 mm (2.75 in)	551,2 mm (21.70 in)	44,5 mm (1.75 in)
Tilt	69,9 mm (2.75 in)	331,0 mm (13.03 in)	38,1 mm (1.50 in)

Electrical System Specifications

Alternator	Belt driven, 90 amperes, open frame
Battery	12 volt, 1000 cold cranking amperes @ -18°C (0°F), 186 minute reserve capacity @ 25 amperes
Starter	12 volt, gear type, 2,7 kW (3,62 hp)

T66 Loader Sales Specification

LOADER SPECIFICATIONS (CONT'D)

Fluid Capacities

Fuel	107,1 L (28.3 U.S. gal)
Engine Oil with Filter Change	9,2 L (9.7 qt)
Engine Cooling System with Heater	11,3 L (11.9 qt)
Engine Cooling System without Heater	10,6 L (11.2 qt)
Hydraulic / Hydrostatic Reservoir	18,9 L (20.0 qt)
Hydraulic / Hydrostatic System	36,0 L (9.5 U.S. gal)
Chaincase Reservoir (Total for both chaincases)	32,2 L (8.5 U.S. gal)
Air Conditioning Refrigerant (R-134a)	0,73 kg (1.6 lb)

Tracks

Standard Rubber	320 mm (12.60 in) Rubber, C-Pattern
Optional Rubber Wide	400 mm (15.75 in) Rubber, C-Pattern

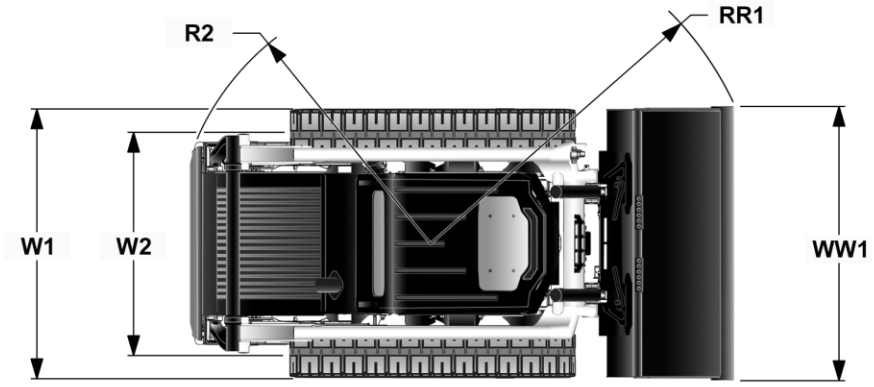
Ground Pressure

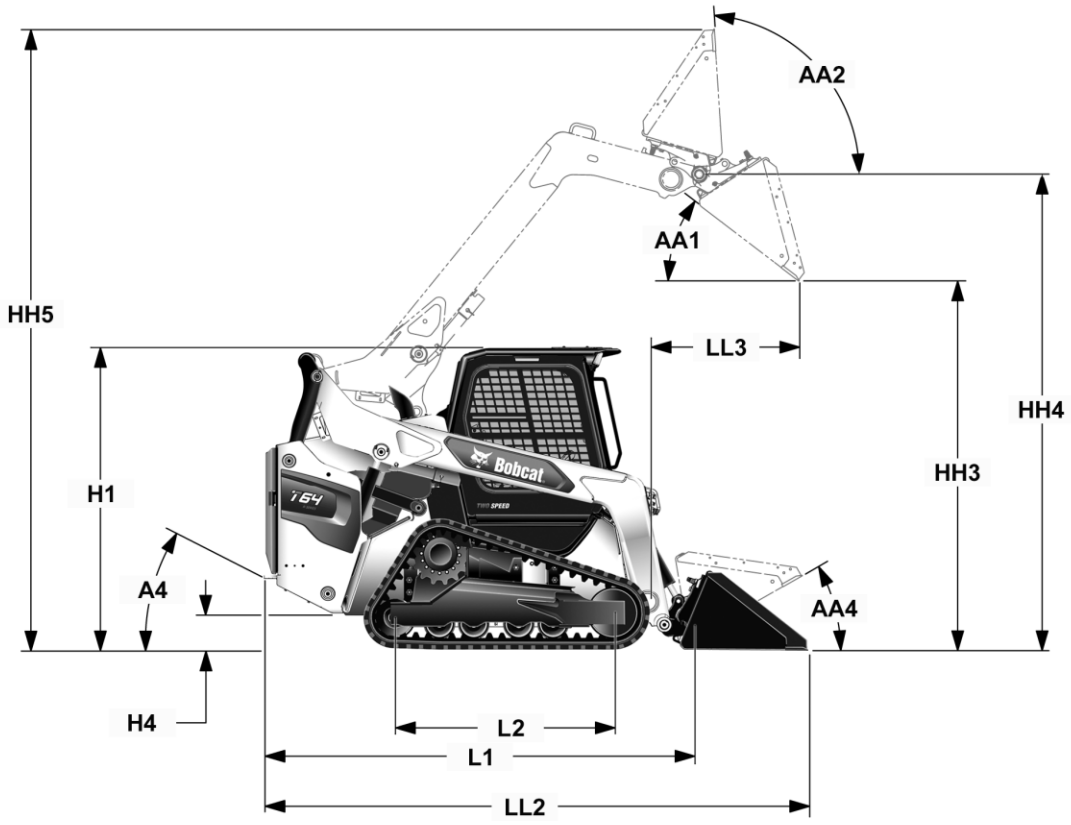
	TORSION SUSPENSION UNDERCARRIAGE	SOLID-MOUNTED UNDERCARRIAGE
Rubber Track - 320 mm (12.60 in)	0,043 MPa (0,43 bar) (6.3 psi)	0,040 MPa (0,40 bar) (5.9 psi)
Rubber Track - 400 mm (15.75 in)	0,035 MPa (0,35 bar) (5.1 psi)	0,032 MPa (0,32 bar) (4.8 psi)

T64 Loader Sales Specification

LOADER SPECIFICATIONS

Machine Dimensions





T64 Loader Sales Specification

LOADER SPECIFICATIONS (CONT'D)

Machine Dimensions (Cont'd)

- Dimensions are given for loader equipped with standard tracks and 68 in. Standard Duty bucket and may vary with other bucket types.

- Where applicable, specifications conform to SAE or ISO standards and are subject to change without notice.

R2	Rear of machine clearance radius	1646 mm (64.8 in)
RR1	Carry position machine clearance radius	2071 mm (81.5 in)
W1	Overall width	1702 mm (67.0 in)
W2	Track Gauge	1382 mm (54.4 in)
WW1	Bucket width	1727 mm (68.0 in)
HH5	Overall operating height	3910 mm (153.9 in)
H1	Overall height	2045 mm (80.5 in)
A4	Angle of departure	25 degrees
H4	Ground clearance	189 mm (7.5 in)
L2	Crawler Base	1378 mm (54.3 in)
L1	Length without attachment	2718 mm (107.0 in)
LL2	Overall length	3427 mm (134.9 in)
AA2	Maximum rollback - fully raised	94 degrees
AA1	Dump angle	37 degrees
LL3	Reach - fully raised	933 mm (36.7 in)
HH3	Dump height	2396 mm (94.3 in)
AA4	Maximum rollback - carry position	31 degrees
HH4	Height to hinge pin	3048 mm (120.0 in)

Changes of structure or weight distribution of the loader can cause changes in control and steering response, and can cause failure of the loader parts.

T64 Loader Sales Specification

LOADER SPECIFICATIONS (CONT'D)

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.

Performance Specifications

	TORSION SUSPENSION UNDERCARRIAGE	SOLID-MOUNTED UNDERCARRIAGE
Rated Operating Capacity	998 kg (2200 lb)	1043 kg (2300 lb)
with 200 Pound Frame Mounted Counterweight Kit	1066 kg (2350 lb)	1111 kg (2450 lb)
Tipping Load	2851 kg (6286 lb)	2980 kg (6571 lb)
Operating Weight	4240 kg (9348 lb)	3958 kg (8727 lb)
Breakout Force – Lift	2109 kg (4650 lb)	2029 kg (4474 lb)
Breakout Force – Tilt	2356 kg (5194 lb)	2307 kg (5085 lb)
Travel Speed:		
— Single Speed Loader	0 – 11,6 km/h (0 – 7.2 mph)	0 – 11,6 km/h (0 – 7.2 mph)
— Two-Speed Loader (If equipped):		
— Low Range	0 – 11,6 km/h (0 – 7.2 mph)	0 – 11,6 km/h (0 – 7.2 mph)
— High Range	0 – 16,4 km/h (0 – 10.2 mph)	0 – 16,4 km/h (0 – 10.2 mph)

Engine Specifications

Make / Model	Bobcat Engine / 2,4L Bobcat Engine Tier 4
Fuel / Cooling	Diesel / Liquid
Horsepower:	
— ISO 9249 EEC / SAE J1349 Net	48,4 kW (64.9 hp) @ 2600 rpm
— ISO 14396 Gross	50,8 kW (68.1 hp) @ 2600 rpm
— SAE J1995 Gross	51,4 kW (69.0 hp) @ 2600 rpm
— Rated Power	50,7 kW (68.0 hp) @ 2600 rpm
Torque:	
— ISO 9249 EEC / SAE J1349 Net	236,3 N•m (174.3 ft-lb) @ 1800 rpm
— ISO 14396 Gross	252,3 N•m (186.1 ft-lb) @ 1800 rpm
— SAE J1995 Gross	255,5 N•m (188.5 ft-lb) @ 1800 rpm
— Rated Torque	252,0 N•m (185.9 ft-lb) @ 1800 rpm
Low Idle rpm	1025 - 1075
High Idle rpm	2575 - 2625

T64 Loader Sales Specification

LOADER SPECIFICATIONS (CONT'D)

Engine Specifications (CONT'D)

Number of Cylinders	4
Displacement	2400 cm3 (146.5 in3)
Bore / Stroke	90 mm / 94 mm (3.5 in / 3.7 in)
Lubrication	Gear Pump Pressure System with Filter
Crankcase Ventilation	Closed Breathing
Air Cleaner	Dry replaceable paper cartridge with separate safety element
Ignition	Diesel – Compression
Air Induction	Turbo-Charged and Charged Air Cooled
Engine Coolant	Propylene Glycol / Water Mixture
Starting Aid	Glow plugs automatically activated as needed in RUN position

Drive System Specifications

Main Drive	Fully hydrostatic, rubber track drive
Transmission	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors
Tracks (Tension)	Grease cylinder and spring

Control Specifications

Machine Steering	Direction and speed controlled by two hand operated steering levers or optional joystick(s)
Loader Hydraulics: — Lift and Tilt — Front Auxiliary — Rear Auxiliary (If equipped)	 Controlled by separate foot pedals or optional joystick(s) Controlled by electrical switch on Right Hand steering lever or joystick Controlled by electrical switch on Left Hand steering lever or joystick
Auxiliary Pressure Release	Pressure relieved through quick couplers; Push couplers in, hold for 5 seconds
Engine	Hand operated speed control, additional foot operated speed control pedal with SJC option; key-type start switch or keypad and function error shutdown
Service Brake	Two independent hydrostatic systems controlled by two hand operated steering levers or optional joystick(s)
Secondary Brake	One of the hydrostatic transmissions
Parking Brake	Spring applied pressure release multi-disc brake activated by manually operated button on right control panel

T64 Loader Sales Specification

LOADER SPECIFICATIONS (CONT'D)

Hydraulic System Specifications

Pump Type	Engine driven, gear type
Pump Capacity – Standard-Flow	66,5 L/min (17.6 U.S. gpm)
Pump Capacity – High-Flow	101,8 L/min (26.9 U.S. gpm)
System Relief at Quick Couplers	23,8 – 24,5 MPa (238 – 245 bar) (3450 – 3550 psi)
Filter (Main Hydraulic)	Replaceable ß 10(c) ≥ 200 ISO 16889, drop in element
Filter (Charge)	Replaceable ß 12(c) ≥ 200 ISO 16889, spin on element
Filter (Case Drain)	Replaceable ß 20(c) ≥ 200 ISO 16889, spin on element
Filter (Hydraulic Reservoir Vent)	Replaceable 10 micron, thread on cap
Control Valve	3-Spool, open center with electric actuator controlled lift with float and tilt; Electro-hydraulic piloted auxiliary spool
Fluid Lines	SAE Standard tubelines, hoses, and fittings
Fluid Type	Bobcat Fluid, Hydraulic / Hydrostatic 6903117 – (Two – 2.5 U.S. gal) 6903118 – (5 U.S. gal) 6903119 – (55 U.S. gal)
Hydraulic Function Time: — Raise Lift Arms — Lower Lift Arms — Bucket Dump — Bucket Rollback	 3.8 seconds 2.2 seconds 2.3 seconds 1.6 seconds

Hydraulic Cylinder Specifications

Double-acting; lift cylinders have cushioning feature on lower, tilt cylinders have cushioning feature on dump and rollback	BORE	STROKE	ROD
Lift	69,9 mm (2.75 in)	551,2 mm (21.70 in)	44,5 mm (1.75 in)
Tilt	69,9 mm (2.75 in)	331,0 mm (13.03 in)	38,1 mm (1.50 in)

Electrical System Specifications

Alternator	Belt driven, 90 amperes, open frame
Battery	12 volt, 1000 cold cranking amperes @ -18°C (0°F), 186 minute reserve capacity @ 25 amperes
Starter	12 volt, gear type, 2,7 kW (3.62 hp)

T64 Loader Sales Specification

LOADER SPECIFICATIONS (CONT'D)

Fluid Capacities

Fuel	107,1 L (28,3 U.S. gal)
Engine Oil with Filter Change	9,2 L (9.7 qt)
Engine Cooling System with Heater	11,3 L (11.9 qt)
Engine Cooling System without Heater	10,6 L (11.2 qt)
Hydraulic / Hydrostatic Reservoir	18,9 L (20.0 qt)
Hydraulic / Hydrostatic System	36,0 L (9.5 U.S. gal)
Chaincase Reservoir (Total for both chaincases)	32,2 L (8.5 U.S. gal)
Air Conditioning Refrigerant (R-134a)	0,73 kg (1,6 lb)

Tracks

Standard Rubber	320 mm (12.60 in) Rubber, C-Pattern
Optional Rubber Wide	400 mm (15.75 in) Rubber, C-Pattern

Ground Pressure

	TORSION SUSPENSION UNDERCARRIAGE	SOLID-MOUNTED UNDERCARRIAGE
Rubber Track - 320 mm (12.60 in)	0,042 MPa (0,42 bar) (6.1 psi)	0,039 MPa (0,39 bar) (5.7 psi)
Rubber Track - 400 mm (15.75 in)	0,034 MPa (0,34 bar) (5.0 psi)	0,032 MPa (0,32 bar) (4.7 psi)

COMPACT TRACK LOADER

Radius Lift Arm Path

2150 lbs.
RATED OPERATING CAPACITY

EFFECTIVE JUNE 1, 2020

For the most up-to-date Bid Specs go to BobcatNET >>Compact Track Loaders>>T62>Bid Specs

These bid specifications are to be used as guidelines when assisting purchasing agents and governmental specification writers in writing specifications for loaders. It is not the intent of these specifications to cover all details of design or construction. The unit shall be fully equipped to perform the work intended and shall be a new, current production model.

For individual assistance in preparing detailed specifications, contact the Product Management Group in West Fargo, ND office at 701-241-8700.

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.

DIMENSIONAL SPECIFICATIONS

Angle of Departure ..... 25°
Dump Angle @ Maximum Height ..... 37°
Dump Height with Standard Bucket ..... 89" (2261 mm)
Reach @ Maximum Height ..... 22.9" (582 mm)
Ground Clearance ..... 7.5" (189 mm)
Height to Hinge Pin ..... 114.5" (2908 mm)
Cab Height ..... 80.5" (2045 mm)
Length without Attachment ..... 107.0" (2718 mm)
Length with Standard Bucket ..... 134.9" (3427 mm)
Overall Operating Height ..... 148.5" (3772 mm)
Carry Position ..... 8.3" (211 mm)
Rollback Angle @ Carry Position ..... 31°
Turning Radius with Standard Bucket ..... 81.6" (2073 mm)
Length of Track on Ground ..... 54.3" (1379 mm)
Overall Width 12.6" Tracks ..... 67.0" (1702 mm)
Bucket Width ..... 68.0" (1727 mm)
Overall Width 15.7" Tracks ..... 70.2" (1782 mm)
Bucket Width ..... 74.0" (1880 mm)

PERFORMANCE

	Solid-Mounted Undercarriage	**Torsion Suspension Undercarriage (Optional)**
*Rated Operating Capacity	2150 lbs. (953 kg)	2050 lbs. (907 kg)
*Rated Operating Capacity with Counterweight Option		
With 200 lb. Weight Kit	2300 lbs. (1021 kg)	2200 lbs. (975 kg)
*Tipping Load	6143 lbs. (2786 kg)	5857 lbs. (2657 kg)
Operating Weight (ISO 6016)	8612 lbs. (3906 kg)	9070 lbs. (4114 kg)
Travel Speed	7.2 mph (11.6 km/hr)	7.2 mph (11.6 km/hr)
Travel Speed – Two Speed Option		
Low Range	7.2 mph (11.6 km/hr)	7.2 mph (11.6 km/hr)
High Range	10.2 mph (16.4 km/hr)	10.2 mph (16.4 km/hr)
Lift Breakout Force	4053 lbs. (1838kg)	4139 lbs. (1877 kg)
Tilt Breakout Force	5299 lbs. (2404 kg)	5145 lbs. (2334 kg)
**Push Force	7320 lbs. (3221 kg)	7710 lbs. (3497 kg)
Ground Pressure with 12.6" Track	5.6 psi (0.038 MPa)	5.9 psi (0.040 MPa)
Ground Pressure with 15.7" Track	4.7 psi (0.038 MPa)	5 psi (0.034 MPa)

*Rated Operating Capacity (ROC) @ 35% of Tipping Load complies with ISO 14397-1 and SAE J818 for crawler loaders
**Theoretical – calculated using a coefficient of friction of 0.85 (0.85 x Operating Weight)

ENGINE/ELECTRICAL

- Loader shall have a 4-cylinder, liquid-cooled diesel; 68.0 hp (50.7 kW) at 2600 governed RPM.
- Loader engine shall a have minimum torque of 185.9 lbf-ft (252.0 N-m) at 1800 RPM.
- Engine displacement shall be no more than 146.5 in^3 (2.40L).
- Loader engine shall be turbo charged.
- Loader shall be equipped with a hydraulically driven, variable speed cooling fan.
- Loader shall have a reversing cooling fan option. Reversing fan shall include three modes:
    - Off
    - Manual Operation: Operator can momentarily reverse fan direction as desired
    - Automatic Operation: Loader will reverse the fan automatically based on fluid temperatures
- Engine shall meet Tier 4 compliance without the aid of a diesel particulate filter (DPF).
- Spark arrestor device shall be a certified USDA Spark Arrestor.
    - Cold weather assist shall be automatically activated based on coolant temperature.
    - Air cleaner shall be a dual element type with dry element primary and safety filter.
    - Air intake pre-cleaner shall be included in the air cleaner housing as standard equipment.
    - An additional pre-cleaning system shall be available as an option to increase pre-cleaner efficiency.
- Fuel recirculation system that can bypass fuel cooler to aid in cold weather operation shall be standard equipment.
- Loader shall limit engine RPM until specified engine operating temperature is attained to protect engines from premature wear due to cold temperatures.
- Engine coolant shall include propylene glycol anti-freeze with freeze protection to -34ºF (-37ºC).
- Loader shall be equipped with a Diesel Oxidation Catalyst (DOC).
- Engine shall utilize an Engine Gas Recirculation (EGR) system.
- The loader's fuel injection system shall include a High-Pressure Common Rail (HPCR).
- Fuel filter is rated as 2-micron C at 98.7% efficiency but meets or exceeds 4-micron C rating at 99.6% efficiency.
- Loader shall be equipped with a dual path cooling system which brings fresh air from behind the machine for engine and hydraulic system cooling. While at the same time removing hot air from the engine and hydrostatic area.
- Battery shall be a 12 volt with a minimum of 1000 cold-cranking amps.
- Alternator shall be a minimum 90 amp.
- Starter shall be a 12 volt; 3.62 hp (2.7 kW), gear type.
- Engine accessory belt shall not require any adjustments.
- Engine shutdown shall be provided as standard equipment and shall monitor engine coolant temperature, engine oil pressure and engine RPM to help prevent engine damage.
- Engine block heater shall be provided as optional equipment to provide easier starting during cold weather operation.

DRIVE SYSTEM

- Shall have a fully hydrostatic track drive.
- Transmission shall be infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors.
- Hydrostatic piston pumps shall be driven direct from the engine.
- Undercarriage shall be solid mounted to loader main frame.
  - Shall use 4 triple flange forged steel rollers per side.
  - Shall use single flange forged steel rear idlers.
  - Shall use dual flange forged steel front idlers.
  - Steel rollers and idlers shall be permanently sealed and lubricated requiring no routine maintenance.
  - Shall use austempered ductile iron sprockets.
  - Track tension shall be adjusted by adding grease to the tensioning cylinder.
- Shall have a suspension undercarriage available as an option that includes:
  - Shall have 2 torsion mounts per side.
  - Shall have an additional link on each side to provide independent suspension movement.
  - Shall have 4 suspended triple flange forged steel rollers per side.
  - Shall use single flange forged steel rear idlers.
  - Shall use dual flange forged steel front idlers.
  - Steel rollers and idlers shall be permanently sealed and lubricated requiring no routine maintenance.
  - Shall use austempered ductile iron sprockets.
  - Track tension shall be adjusted by adding grease to the tensioning cylinder.
- Rubber track shall have steel cables and embeds.
- Parking brake shall be spring applied, pressure release multi-disk brake.
- Tracks: 12.6" rubber track
  15.7” rubber track

HYDRAULIC SYSTEM

- Pump type shall be a gear type pump for standard and high flow hydraulics.
- Hydraulic pump capacity for standard flow shall be capable of providing 17.6 gpm (66.5 L/min) for bucket, lift arm and attachment operation.
- Hydraulic pump capacity for high flow shall be capable of providing 26.9 gpm (101.8 L/min) for high flow hydraulic attachment operation.
- System pressure at the quick couplers shall be 3500 psi (24.2 MPa).
- Variable flow auxiliary hydraulics shall be standard equipment.
    - Shall include flush-face pressure release quick couplers.
    - Shall include dual direction detent.
- Control valve shall be three spool, open center, series type.
    - Lift spool shall include a detent position for lift arm float function.
    - Front auxiliary hydraulic spool shall include a detent function in both forward and reverse directions.
    - Valve shall allow tilt to function when auxiliary hydraulics are at relief.
- Cylinders shall be a double-acting type.
    - Dual tilt cylinders shall have a cushioning feature on dump and roll back.
    - Dual lift cylinders shall have a cushioning feature on lift arm down.
- Hydraulic system shutdown shall be provided as standard equipment and shall monitor hydraulic oil temperature and hydrostatic charge pressure.
- A hydraulic oil cooler shall be standard equipment.
- Hydraulic filter shall be a canister style design.
- Hydraulic oil level sight gauge shall be easily visible from the loader outside.
- Auxiliary hydraulic hoses shall be routed inside the lift arm.
- Auxiliary quick coupler block shall be integrated into the lift arm front and must be protected with steel guarding.
- A feature for relieving pressure from the auxiliary hydraulics circuit shall be provided by pressing in and holding the quick couplers.
- Shall have rear auxiliary hydraulics as an option and include.
    - Electric finger controls on left joystick.
- Hydraulic bucket positioning shall be available as an option.
    - Shall include on/off switch inside operator cab.
- Automatic Ride control shall be available as an option.
    - Shall be automatically activated and deactivated based on the lift cylinder hydraulic pressure
    - Shall include on/off switch inside operator cab.
- Lift circuit port relief valve shall be standard equipment.
- Auxiliary hydraulics circuit port relief valve shall be available as an option.
- Shall have inertia welded rods and bases at the end of the cylinders.
- Cylinders shall meet the following minimum specifications:

Function	# of Cylinders	Bore Diameter	Rod Diameter	Stroke
Lift	2	2.75" (69.9 mm)	1.75" (44.5 mm)	17.72" (450.1 mm)
Tilt	2	2.75" (69.9 mm)	1.50" (38.1 mm)	13.03" (331.0 mm)

OPERATOR CONTROLS

- Loader direction, steering, and travel speed shall be controlled by two independent levers.
- Loader lift and tilt functions.
    - Standard- Shall be controlled by separate adjustable foot pedals.
    - Optional- Shall be selectable between foot pedals or hand lever controls.
- Optional Selectable Joystick Control (SJC) system shall be available to allow operator to switch between ISO control pattern (loader direction, steering and travel speed on left hand joystick; loader lift and tilt functions on right hand joystick) or H-Pattern (left hand joystick controls lift function and left side drive function; right hand joystick controls tilt function and right-side drive function).
    - Speed Management shall be available on SJC equipped loaders to allow the loader to be maneuvered at a slower travel speed, even during maximum movement of the joysticks.
    - Drive Response shall be available on SJC equipped loaders to change how responsive the loader's drive and steering systems are when the operator moves the joysticks.
    - Steering Drift Compensation shall be available on SJC equipped loaders to compensate for normal variations such as track tension and wear, driving on uneven terrain such as crowned road surfaces and when using side shift attachments such as trenchers.
    - Horsepower Management shall be available on SJC equipped loaders to allow the engine to operate at maximum horsepower and torque.
    - Optional Auto Idle shall be available on SJC equipped loaders to automatically reduce the engine speed to idle after a set time interval of loader drive and/or hydraulic inactivity.
        - Auto Idle shall be turned on or off with the press of a button.
        - The time interval before the engine speed reduces to idle shall be adjustable from 4 to 250 seconds on loaders equipped with deluxe loader instrumentation.
- Lift and Tilt Compensation shall be available as an option to adjust the lift and tilt control sensitivity.
- A Radio Remote Control Kit shall be available as an option. The kit shall allow the operator to safely start the loader engine and operate the drive, lift, tilt and auxiliary hydraulic functions of the loader using a Radio Remote Control Transmitter.
- Standard front auxiliary hydraulics shall be controlled by electrical switches located on the right-hand joystick.
- Optional rear auxiliary hydraulics controlled by electrical switches located on the left-hand joystick.
- Electrical switches on the joystick handles shall activate turn signals, all attachment control functions, continuous flow control for auxiliary hydraulics, front horn and two-speed control.
- Engine speed shall be controlled by a rotary knob mounted on right hand cab post.
- Engine speed shall be controlled by a foot pedal with optional Selectable Joystick Controls.
- Parking brake shall be controlled by a push button on the right-hand cab post.
- Engine starting and shutdown functions shall be controlled electrically with keyless start.

OPERATOR COMFORT

- Shall have an enclosed cab available as an option.
- Air conditioning shall be available as an option without changing loader profile.
  - Shall have the capability to be used in colder temperatures to aid in defrosting.
- Cab heat shall be available as an option without changing loader profile.
  - Heater system shall have a minimum BTU output of 36,800 BTU.
- Front door shall be a one-piece curved design that opens to the side opposite of the auxiliary quick couplers.
- Enclosed cab shall be pressurized to 0.1 inches of water.
- A suspension seat shall be standard equipment.
- An air ride seat shall be available as an option.
- Arm rest shall be standard equipment.
- Cup holder kit shall be available as an option.
- Engine throttle shall be located directly in front of the operator.
- The standard Selectable Joystick Control system shall be mounted to the seat and shall be able to adjust independently of the seat.
- Sound reduction kits shall be available as an option.
- Top and rear windows shall be available as standard equipment.
- Front and rear window wipers shall be available as an option.
- Intermittent front wiper shall be available as an option.
- Shall have special application polycarbonate doors and windows available as an option.
- Dome lights shall be available as an option.
- Front and rear operating lights shall be available as standard equipment.
  - Front operating lights shall be LED with minimum output of 2000 lumens.
- Side light kit shall be available as an option.
  - Side light kit shall include 2 LED light bars with a minimum output of 1000 lumens.
- Side windows shall be mounted on the outside of the cab with the ability to be locked in open and/or closed positions.
- Side and rear window defrost shall be provided in the heat or air-conditioned options.
- An FM/AM Radio shall be available as an option.
  - Radio shall be located in front of the operator.
- 12-volt power ports shall be available as an option.
- Clean out holes in the foot well shall be provided as standard equipment.
- Shall meet ISO 5006:2006: *Earth-moving Machinery. Operator's Field of View. Test Method and Performance Criteria* without aides such as rear-view mirrors.

CAPACITIES

Fuel Tank shall have a minimum capacity of 28.3 gal. (107.1 L).
Cooling System without heater shall have a minimum capacity of 2.8 gal. (10.6 L).
Cooling System with heater shall have a minimum capacity of 3.0 gal. (11.3 L).
Hydraulic & Hydrostatic Reservoir shall have a minimum capacity of 5.0 gal. (18.9 L).
Hydraulic & Hydrostatic System shall have an approximate capacity of 9.5 gal. (36.0 L).

STANDARD INSTRUMENTATION WITH 5" DISPLAY

- The loader conditions shall be monitored by a combination of gauges and warning lights in the operator's line of sight that monitor the following functions. The system shall alert the operator of monitored loader malfunctions by way of an audible alarm and visual warning lights.

Features
- English/Metric Settings
- Keyless Start
- Maintenance Notification
- Password Lockout
- Service Codes with Basic Description

Warning Lights
- Engine Coolant Temp
- Engine Malfunction
- Fuel Level
- General Warning
- Hydraulic Malfunction

Indicators
- 3-Point Shoulder Belt
- Coolant Temp
- Engine RPM
- Hydraulic Oil Temp
- Hydrostatic Charge Pressure
- Lift & Tilt Valve
- Oil Pressure
- Parking Brake
- Seat Bar
- Seat Belt
- System Voltage
- Turn Signals

Data Display System
- Battery Voltage
- Drive Response Setting
- Engine Coolant Temp
- Engine Preheat
- Engine RPM
- Fuel Level
- Hourmeter
- Maintenance Clock
- Rearview Camera Ready
- Service Codes
- Speed Management
- Steering Drift
- Two Speed

STANDARD INSTRUMENTATION WITH OPTIONAL 7" TOUCH DISPLAY

- The following features of the 7" Touch Display are in addition to the 5" Display:

Additional Displays for:
- Multi-Language Display
- Attachment Control
- High Flow Lockout
- Two-Speed Lockout

Additional Features:
- Bluetooth Connectivity
- Diagnostic Capability
- Digital Clock
- Hands Free Communication
- Help Screens
- Integrated AM/FM Weather Band Radio
- Job Clock
- Rearview Camera Ready
- Service Codes with Extended Descriptions
- USB Charge Port

ATTACHMENTS

- All attachments shall be mounted on a quick-change mechanism. No attachments will be considered unless it can be removed or mounted by an experienced operator in two minutes or less.
- The quick-change mechanism will incorporate two handles that drive spring loaded, wear compensating wedges into the attachment ensuring a tight attachment fit-up.
- The quick-change mechanism shall be driven by hydraulics and be available as an option.
- Powered hydraulic quick-change mechanism shall be activated by non-locking two-way rocker switch to raiser and lower attachment levers.
- A remote attachment control device shall be available for specified attachments to start the loader and operate the attachment from outside the operator control area.
- A single control unit (Attachment Control Kit – ACK) shall be provided which will control all available attachments.
- Attachment Control unit shall not use mechanical relays.
- Shall be equipped with standard flow hydraulics as standard equipment.
- High flow hydraulics shall be available as optional equipment.
- No attachments will require more than three hydraulic hoses and one electrical line for operation.

SERVICEABILITY

- Engine shall be mounted in-line with easy access to daily maintenance items.
- Access shall be available to the following through the rear door/tailgate and rear screen.
  - Air cleaner
  - Air conditioning compressor
  - Alternator
  - Cooling system (engine coolant and hydraulic oil coolers) for cleaning
  - Engine oil and fuel filters
  - Engine oil drain and dipstick
  - Starter
- Easy access shall be available to all lift arm grease points.
- Quick-Tach pivots shall have replaceable wear bushings.
- Rod end of the tilt cylinder shall have a replaceable bushing.
- A rear bumper shall extend beyond the tailgate to protect the tailgate from damage.
- Tailgate shall have an optional lock for vandal proofing.
- Tailgate shall be equipped with doorstop to hold door open while servicing.
- Tip-up operator cab shall give access to certain hydraulic system components.
- Tip-up coolers shall give access to certain engine components.

SAFETY EQUIPMENT

- An enclosable operator cab with side screens shall be provided as standard equipment. Cab shall meet SAE standards J1040 and J1043 for Rollover Protective Structure and Falling Object Protective Structure. Minimum inside cab width of 35.1" (892 mm).
- A seat belt and an electric button operated parking brake shall be furnished as standard equipment.
- A 3-point seat belt shall be available as standard equipment on loaders equipped with Two-Speed option.
- A 3-point seat belt shall be available as optional equipment.
- Additional operator protection shall be provided by a seat bar or similar device which restricts lift arm operation when not in use.
- A lift arm support device shall assist in servicing the loader and be provided as standard equipment.
- Grab handles shall assist the operator in mounting and dismounting the loader will be provided as standard equipment.
- Emergency exit provided through front door accessed via orange colored handles or back window accessed via orange tag.
- Loader shall be equipped with an interlock control system which requires that the operator be seated in the loader with the seat bar down in place and the engine running before the hydraulic lift, tilt and the traction drive system can be operated. The auxiliary hydraulics shall deactivate when the operator raises the seat bar. Should the engine not start, or a system problem occur with the lift arms raised, the lift arms can be lowered by turning the lift arm by-pass control knob clockwise ¼ turn. Then, pull up and hold until the lift arms slowly lower.
- Shall have operational instructions and warnings by decals with pictorials and international symbols plus some messages in four basic languages: English, French, German and Spanish.
- Shall have a weather resistant operator handbook written in English attached to the loader.
- Loader shall include an alarm package including a horn and backup alarm.
- Rear operating lights shall be mounted to the tailgate and shall be recessed to minimize damage.
  - Rear operating lights shall include backup lights and red colored taillights.
- Strobe lights or rotating beacons shall be available as an option.
- 4-way flashing lights shall be available as an option.
- Turn signals shall be available as an option.
- FOPS Level II shall be available as an option.
- Fire extinguisher shall be available as an option.
- Shall have one single- or four-point lift kits available for lifting the loader without affecting rollover and falling object protection features of the operator cab.

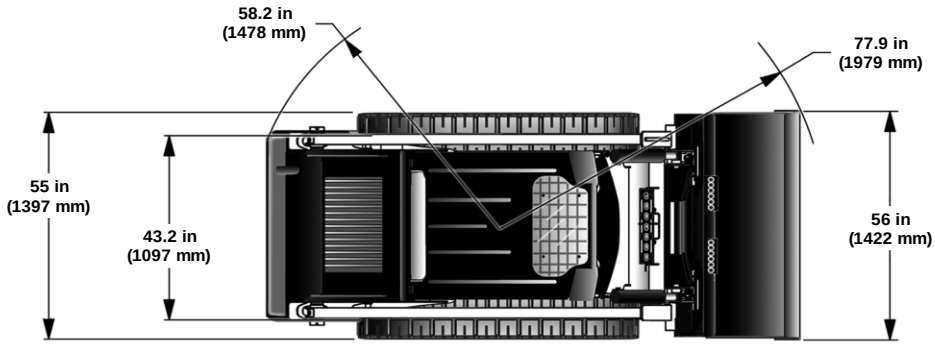
TRAINING RESOURCES

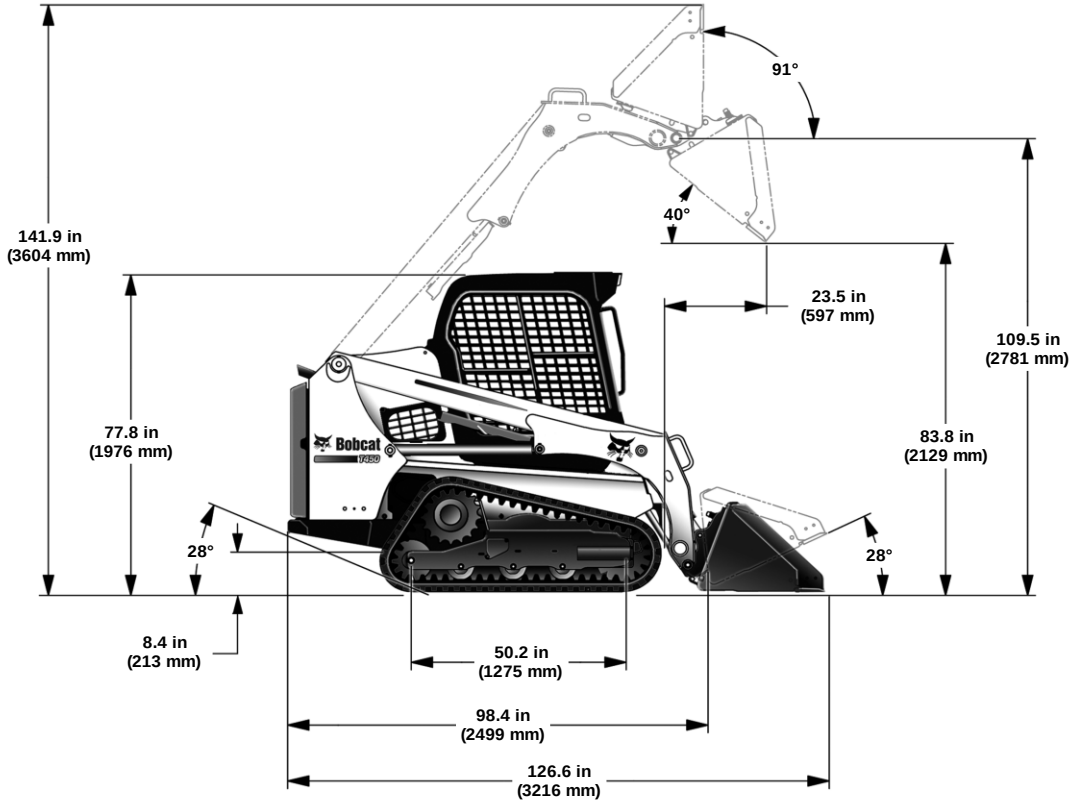
- A comprehensive Online Skid-Steer Loader Operator Training Course (English & Spanish).
- A comprehensive Compact Skid-Steer Loader Operator Training Course Kit shall be available. The kit shall include a video, classroom and hands-on training. This kit shall also be available in Spanish.
- A comprehensive Service Safety Training Course Kit shall be available. The kit shall include a video, classroom and hands-on training.

(T450) LOADER SPECIFICATIONS

Machine Dimensions

- Dimensions are given for loader equipped with standard tracks and 56 in. Construction and Industrial bucket and may vary with other bucket types.
- Where applicable, specifications conform to SAE or ISO standards and are subject to change without notice.





Changes of structure or weight distribution of the loader can cause changes in control and steering response, and can cause failure of the loader parts.

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.

(T450) LOADER SPECIFICATIONS (CONT'D)

Performance

Rated Operating Capacity	1400 lb (635 kg)
with 200 Pound Frame Mounted Counterweight Kit	1500 lb (680 kg)
Tipping Load	4000 lb (1814 kg)
Operating Weight	6148 lb (2789 kg)
Breakout Force – Lift	3450 lb (1564 kg)
Breakout Force – Tilt	3588 lb (1627 kg)
Travel Speed:	
– Single Speed Loader	0 – 7.3 mph (0 – 11,7 km/h)
– Two-Speed Loader (Option):	
Low Range	0 – 7.3 mph (0 – 11,7 km/h)
High Range	0 – 11.0 mph (0 – 17,7 km/h)

Engine

Make / Model	Bobcat Engine / 2,4L Bobcat Engine Tier 4
Fuel / Cooling	Diesel / Liquid
Horsepower:	
– ISO 9249 EEC / SAE J1349 Net	58.0 hp (43,3 kW) @ 2600 rpm
– ISO 14396 Gross	61.1 hp (45,5 kW) @ 2600 rpm
– SAE J1995 Gross	62.0 hp (46,2 kW) @ 2600 rpm
Torque:	
– ISO 9249 EEC / SAE J1349 Net	160.9 ft-lb (218,2 N•m) @ 1800 rpm
– SAE J1995 Gross	166.0 ft-lb (225,0 N•m) @ 1800 rpm
Low Idle rpm	1125 – 1175
High Idle rpm	2600
Number of Cylinders	4
Displacement	146.0 in^3 (2392,5 cm^3)
Bore / Stroke	3.54 in / 3.70 in (90 mm / 94 mm)
Lubrication	Gear Pump Pressure System with Filter
Crankcase Ventilation	Closed Breathing
Air Cleaner	Dry replaceable paper cartridge with separate safety element
Ignition	Diesel – Compression
Air Induction	Turbo-Charged and Charged Air Cooled
Engine Coolant	Propylene Glycol / Water Mixture
Starting Aid	Glow plugs automatically activated as needed in RUN position

(T450) LOADER SPECIFICATIONS (CONT'D)

Drive System

Main Drive	Fully hydrostatic, rubber track drive
Transmission	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors
Tracks (Tension)	Grease cylinder and spring

Controls

Machine Steering	Direction and speed controlled by two hand operated steering levers or optional joystick(s)
Loader Hydraulics: – Lift and Tilt	Controlled by separate foot pedals or optional Advanced Control System (ACS) or optional Selectable Joystick Controls (SJC)
– Front Auxiliary	Controlled by electrical switch on Right Hand steering lever or joystick
– Rear Auxiliary (Option)	Controlled by electrical switch on Left Hand steering lever or joystick
Auxiliary Pressure Release	Pressure relieved through quick couplers; Push couplers in, hold for 5 seconds
Engine	Hand operated speed control, additional foot operated speed control pedal with SJC option; key-type start switch or optional Keyless Start Panel or optional Deluxe Instrumentation Panel and function error shutdown
Service Brake	Two independent hydrostatic systems controlled by two hand operated steering levers or optional joystick(s)
Secondary Brake	One of the hydrostatic transmissions
Parking Brake	Spring applied pressure release multiple-disc brake activated by manually operated switch on left instrument panel

(T450) LOADER SPECIFICATIONS (CONT'D)

Hydraulic System

Pump Type	Engine driven, gear type
Pump Capacity	16.7 U.S. gpm (63,2 L/min)
System Relief at Quick Couplers	3250 – 3350 psi (22,4 – 23,1 MPa) (224 – 231 bar)
Filter (Hydraulic / Hydrostatic)	Replaceable beta 10 micron = 200, drop in element
Filter (Charge)	Replaceable beta 10 micron = 200, drop in element
Hydraulic Cylinders:	Double-acting; tilt cylinders have cushioning feature on dump and rollback
Lift Cylinder (2):	
Bore Diameter	2.00 in (50,8 mm)
Rod Diameter	1.25 in (31,8 mm)
Stroke	26.19 in (665,2 mm)
Tilt Cylinder (2):	
Bore Diameter	2.38 in (60,4 mm)
Rod Diameter	1.25 in (31,8 mm)
Stroke	14.05 in (356,9 mm)
Control Valve – Standard	3-Spool, open center, manually operated with spring detent for lift float; Electrically controlled auxiliary spool
Control Valve – ACS and SJC	3-Spool, open center with electric actuator controlled lift with float and tilt; Electrically controlled auxiliary spool
Fluid Lines	SAE Standard tubelines, hoses, and fittings
Fluid Type	BOBCAT FLUID, Hydraulic / Hydrostatic 6903117 – (Two – 2.5 U.S. gal) 6903118 – (5 U.S. gal) 6903119 – (55 U.S. gal)
Hydraulic Function Time:	
Raise Lift Arms	2.60 seconds
Lower Lift Arms	2.4 seconds
Bucket Dump	2.0 seconds
Bucket Rollback	1.5 seconds

(T450) LOADER SPECIFICATIONS (CONT'D)

Electrical System

Alternator	Belt driven, 90 amperes, open frame
Battery	12 volt, 600 cold cranking amperes @ 0ûF (-18ûC), 115 minute reserve capacity @ 25 amperes
Starter	12 volt, gear type, 3.62 hp (2,7 kW)
Instrumentation	**Gauges:** Engine Coolant Temperature and Fuel Level **Warning lights:** Fuel Level, Seat Belt, Engine Coolant Temperature, Engine Malfunction, Hydraulic System Malfunction, Diesel Particulate Filter (DPF) / Diesel Exhaust Fluid (DEF), and General Warning **Indicators:** BICS™ Functions, Two-Speed, 3-Point Restraint, and Turn Signals **Data Display:** Operating Hours, Engine rpm, Speed Management Setting, Maintenance Clock Countdown, Battery Voltage, Service Codes, Engine Preheat Countdown, Lift and Tilt Compensation Setting, Steering Drift Compensation Setting, and Drive Response Setting **Other:** Audible Alarm, Lights, and Option / Accessory Switches **Optional Deluxe Instrumentation Panel:** *Additional displays for: Engine rpm, Engine Coolant Temperature, Engine Oil Pressure, System Voltage, Hydraulic Fluid Temperature, and Hydrostatic Charge Pressure *Additional Features Included: Keyless Start, Digital Clock, Job Clock, Password Lockout, Multiple-Language Display, Help Screens, Diagnostic Capability, and Engine / Hydraulic Systems Shutdown Function

(T450) LOADER SPECIFICATIONS (CONT'D)

Capacities

Fuel	17.3 U.S. gal (65,5 L)
Engine Oil with Filter Change	9.1 qt (8,6 L)
Engine Cooling System with Heater	3.2 U.S. gal (12,3 L)
Engine Cooling System without Heater	3.0 U.S. gal (11,3 L)
Hydraulic / Hydrostatic Reservoir	1.4 U.S. gal (5,3 L)
Hydraulic / Hydrostatic System	5.5 U.S. gal (21,0 L)
Air Conditioning Refrigerant (R-134a)	1.5 lb (0,68 kg)

Tracks

Standard	11.8 in (300 mm) Rubber, C-Pattern

Ground Pressure

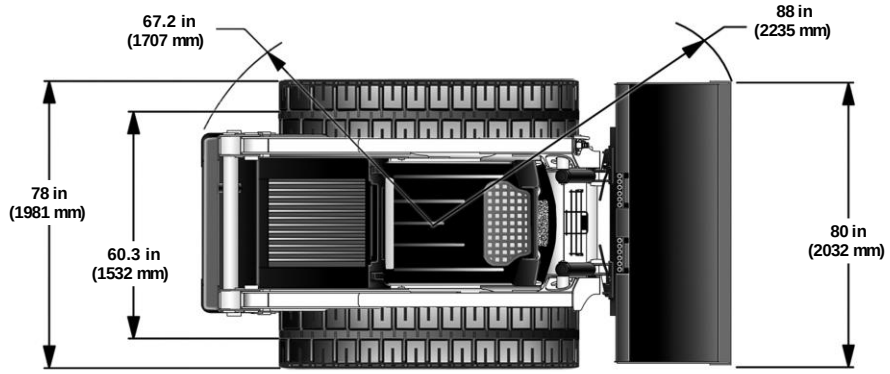
Standard Track – 11.8 in (300 mm)	4.7 psi (0,03 MPa) (0,3 bar)

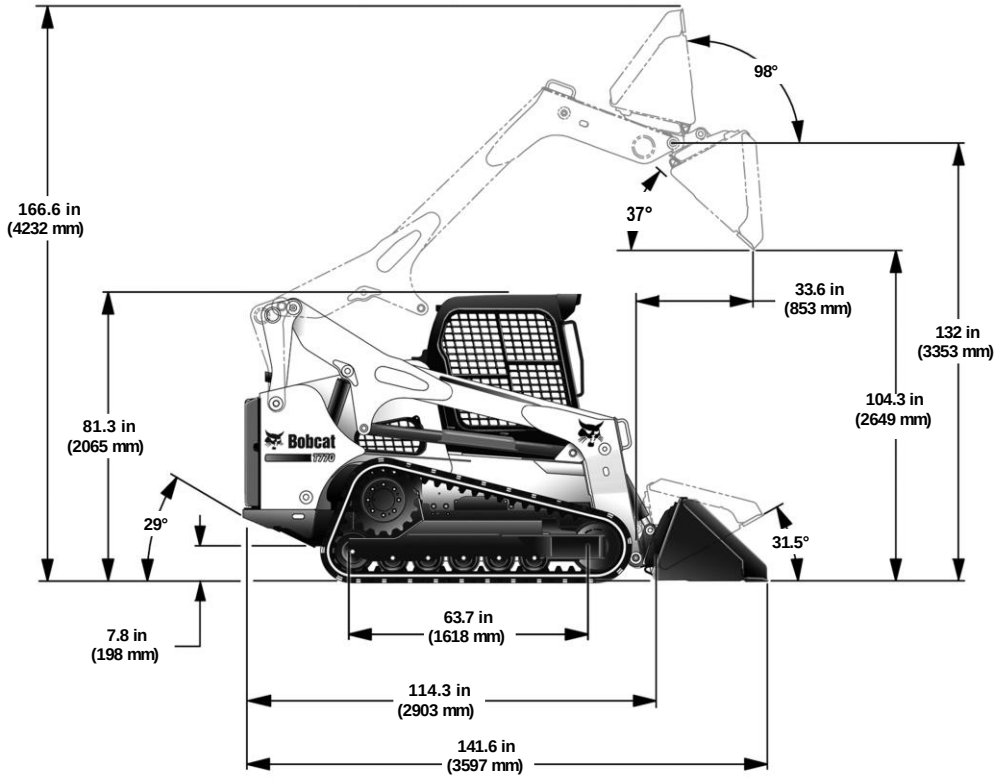
(T770) LOADER SPECIFICATIONS

Machine Dimensions

- Dimensions are given for loader equipped with standard track and 80 in. Heavy Duty Construction and Industrial bucket and may vary with other bucket types.

- Where applicable, specifications conform to SAE or ISO standards and are subject to change without notice.





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Changes of structure or weight distribution of the loader can cause changes in control and steering response, and can cause failure of the loader parts.

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(T770) LOADER SPECIFICATIONS (CONT'D)

Performance

	ROLLER SUSPENSION UNDERCARRIAGE	SOLID-MOUNTED UNDERCARRIAGE
Rated Operating Capacity	3325 lb (1508 kg)	3475 lb (1576 kg)
with 200 Pound Frame Mounted Counterweight Kit	3425 lb (1554 kg)	3575 lb (1622 kg)
with 300 Pound Frame Mounted Counterweight Kit	3500 lb (1588 kg)	3650 lb (1656 kg)
with 400 Pound Frame Mounted Counterweight Kit	3575 lb (1622 kg)	3725 lb (1690 kg)
Tipping Load	9500 lb (4309 kg)	9929 lb (4503 kg)
Operating Weight	10573 lb (4796 kg)	10465 lb (4747 kg)
Breakout Force – Lift	6994 lb (3172 kg)	
Breakout Force – Tilt	6494 lb (2946 kg)	
Travel Speed:		
– Single Speed Loader	0 – 6.6 mph (0 – 10,6 km/h)	0 – 6.6 mph (0 – 10,6 km/h)
– Two-Speed Loader (Option):		
Low Range	0 – 6.1 mph (0 – 9,8 km/h)	0 – 6.1 mph (0 – 9,8 km/h)
High Range	0 – 10.7 mph (0 – 17,2 km/h)	0 – 10.7 mph (0 – 17,2 km/h)

(T770) LOADER SPECIFICATIONS (CONT'D)

Engine

Make / Model	Bobcat Engine / 3,4L Bobcat Engine Tier 4
Fuel / Cooling	Diesel / Liquid
Horsepower:	
– ISO 9249 EEC / SAE J1349 Net	88.2 hp (66,6 kW) @ 2400 rpm
– ISO 14396 Gross	92.1 hp (68,7 kW) @ 2400 rpm
– SAE J1995 Gross	93.3 hp (69,6 kW) @ 2400 rpm
Torque:	
– ISO 9249 EEC / SAE J1349 Net	258.1 ft-lb (349,9 N•m) @ 1600 rpm
– SAE J1995 Gross	261.7 ft-lb (354,9 N•m) @ 1600 rpm
Low Idle rpm	1050
High Idle rpm	2400
Number of Cylinders	4
Displacement	208.0 in^3 (3409 cm^3)
Bore / Stroke	3.86 in / 4.45 in (98 mm / 113 mm)
Lubrication	Gear Pump Pressure System with Filter
Crankcase Ventilation	Closed Breathing
Air Cleaner	Dry replaceable paper cartridge with separate safety element
Ignition	Diesel – Compression
Air Induction	Turbo-Charged and Charged Air Cooled
Engine Coolant	Propylene Glycol / Water Mixture
Starting Aid	Air intake heater automatically activated as needed in RUN position

Drive System

Main Drive	Fully hydrostatic, rubber track drive
Transmission	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors
Tracks (Tension)	Grease cylinder and spring

(T770) LOADER SPECIFICATIONS (CONT'D)

Controls

Machine Steering	Direction and speed controlled by two hand operated steering levers or optional joystick(s)
Loader Hydraulics: – Lift and Tilt	Controlled by separate foot pedals or optional Advanced Control System (ACS) or optional Selectable Joystick Controls (SJC)
– Front Auxiliary	Controlled by electrical switch on Right Hand steering lever or joystick
– Rear Auxiliary (Option)	Controlled by electrical switch on Left Hand steering lever or joystick
Auxiliary Pressure Release	Pressure relieved through quick couplers; Push couplers in, hold for 5 seconds
Engine	Hand operated speed control, additional foot operated speed control pedal with SJC option; key-type start switch or optional Keyless Start Panel or optional Deluxe Instrumentation Panel and function error shutdown
Service Brake	Two independent hydrostatic systems controlled by two hand operated steering levers or optional joystick(s)
Secondary Brake	One of the hydrostatic transmissions
Parking Brake (Standard)	Spring applied pressure release multi-disc brake activated by manually operated switch on left instrument panel

(T770) LOADER SPECIFICATIONS (CONT'D)

Hydraulic System

Pump Type	Engine driven, gear type
Pump Capacity – Standard-Flow	23.0 U.S. gpm (87,1 L/min)
Pump Capacity – High-Flow (Option)	36.6 U.S. gpm (138,5 L/min)
System Relief at Quick Couplers	3450 – 3550 psi (23,8 – 24,5 MPa) (238 – 245 bar)
Filter (Hydraulic / Hydrostatic)	Replaceable beta 10 micron = 200, drop in element
Filter (Charge)	Replaceable beta 10 micron = 200, drop in element
Hydraulic Cylinders:	Double-acting; lift cylinders have cushioning feature on lower, tilt cylinders have cushioning feature on dump and rollback
Lift Cylinder (2):	
Bore Diameter	3.25 in (82,6 mm)
Rod Diameter	2.00 in (50,8 mm)
Stroke	26.09 in (662,7 mm)
Tilt Cylinder (2):	
Bore Diameter	3.00 in (76,2 mm)
Rod Diameter	1.50 in (38,1 mm)
Stroke	13.74 in (349,0 mm)
Control Valve – Standard	3-Spool, open center, manually operated with spring detent for lift float; Electrically controlled auxiliary spool
Control Valve – ACS and SJC	3-Spool, open center with electric actuator controlled lift with float and tilt; Electrically controlled auxiliary spool
Fluid Lines	SAE Standard tubelines, hoses, and fittings
Hydraulic Function Time:	
Raise Lift Arms	4.8 seconds
Lower Lift Arms	3.4 seconds
Bucket Dump	2.34 seconds
Bucket Rollback	2.05 seconds

(T770) LOADER SPECIFICATIONS (CONT'D)

Electrical System

Alternator	Belt driven, 120 amperes, open frame
Battery	12 volt, 1000 cold cranking amperes @ 0°F (-18°C), 180 minute reserve capacity @ 25 amperes
Starter	12 volt, gear type, 3.62 hp (2,7 kW)
Instrumentation	**Gauges:** Engine Coolant Temperature and Fuel Level **Warning lights:** Fuel Level, Seat Belt, Engine Coolant Temperature, Engine Malfunction, Hydraulic System Malfunction, Diesel Exhaust Fluid (DEF) / AdBlue®, and General Warning **Indicators:** Diesel Exhaust Fluid (DEF) / AdBlue® Level, BICS™ Functions, Two-Speed, 3-Point Restraint, and Turn Signals **Data Display:** Operating Hours, Engine rpm, Speed Management Setting, Maintenance Clock Countdown, Battery Voltage, Service Codes, Engine Preheat Countdown, Lift and Tilt Compensation Setting, Steering Drift Compensation Setting, and Drive Response Setting **Other:** Audible Alarm, Lights, and Option / Accessory Switches **Optional Deluxe Instrumentation Panel:** *Additional displays for: Engine rpm, Engine Coolant Temperature, Engine Oil Pressure, System Voltage, Hydraulic Fluid Temperature, and Hydrostatic Charge Pressure *Additional Features Included: Keyless Start, Digital Clock, Job Clock, Password Lockout, Multiple-Language Display, Help Screens, Diagnostic Capability, and Engine / Hydraulic Systems Shutdown Function

(T770) LOADER SPECIFICATIONS (CONT'D)

Capacities

Fuel	44.4 U.S. gal (166,4 L)
Engine Oil with Filter Change	13.3 qt (12,6 L)
Engine Cooling System with Heater	3.8 U.S. gal (14,4 L)
Engine Cooling System without Heater	3.6 U.S. gal (13,6 L)
Hydraulic / Hydrostatic Reservoir	2.5 U.S. gal (9,5 L)
Hydraulic / Hydrostatic System	9.5 U.S. gal (36,0 L)
Diesel Exhaust Fluid (DEF) / AdBlue®	6.8 U.S. gal (25,7 L)
Hydrostatic Drive Motor (Each)	6.1 U.S. fl oz (180,0 mL)
Air Conditioning Refrigerant (R-134a)	1.5 lb (0,68 kg)

Tracks

Standard Rubber	17.7 in (450 mm) Rubber, C-Pattern

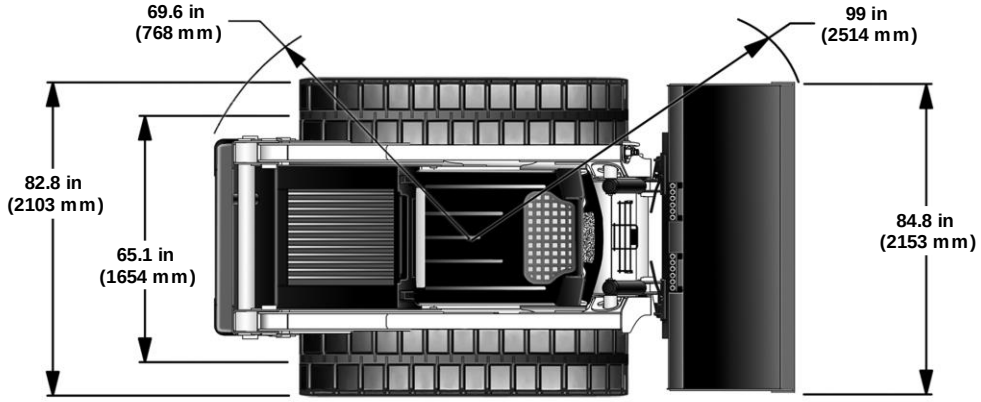
Ground Pressure

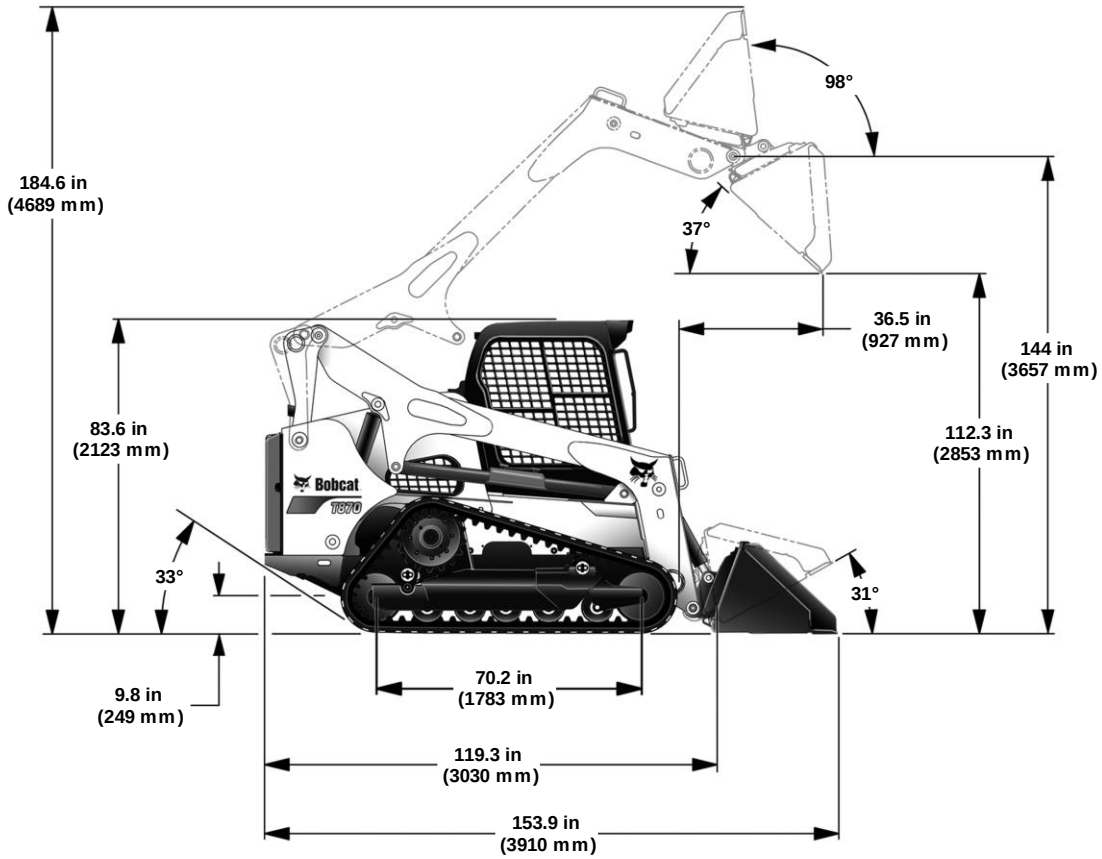
	ROLLER SUSPENSION UNDERCARRIAGE	**SOLID-MOUNTED UNDERCARRIAGE**
Rubber Track – 17.7 in (450 mm)	4.3 psi (0,030 MPa) (0,30 bar)	4.2 psi (0,029 MPa) (0,29 bar)

LOADER SPECIFICATIONS

Machine Dimensions

- Dimensions are given for loader equipped with standard tracks and 84 in. Heavy Duty Construction and Industrial bucket and may vary with other bucket types.
- Where applicable, specifications conform to SAE or ISO standards and are subject to change without notice.





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Changes of structure or weight distribution of the loader can cause changes in control and steering response, and can cause failure of the loader parts.

LOADER SPECIFICATIONS (CONT'D)

Performance

Rated Operating Capacity	3650 lb (1656 kg)
with 200 Pound Frame Mounted Counterweight Kit	3750 lb (1701 kg)
with 300 Pound Frame Mounted Counterweight Kit	3800 lb (1724 kg)
with 400 Pound Frame Mounted Counterweight Kit	3850 lb (1746 kg)
Tipping Load	10430 lb (4731 kg)
Operating Weight	12925 lb (5863 kg)
Breakout Force – Lift	7780 lb (3520 kg)
Breakout Force – Tilt	8733 lb (3961 kg)
Travel Speed:	
Low Range	0 – 6.5 mph (0 – 10,5 km/h)
High Range	0 – 11.4 mph (0 – 18,3 km/h)

Engine

Make / Model	Bobcat Engine / 3,4L Bobcat Engine Tier 4
Fuel / Cooling	Diesel / Liquid
Horsepower:	
– ISO 9249 EEC / SAE J1349 Net	95.9 hp (71,5 kW) @ 2400 rpm
– ISO 14396 Gross	100.1 hp (74,6 kW) @ 2400 rpm
– SAE J1995 Gross	101.4 hp (75,6 kW) @ 2400 rpm
– Rated Power	100.0 hp (74,6 kW) @ 2400 rpm
Torque:	
– ISO 9249 EEC / SAE J1349 Net	262.4 ft-lb (355,8 N•m) @ 1600 rpm
– ISO 14396 Gross	276.9 ft-lb (375,4 N•m) @ 1600 rpm
– SAE J1995 Gross	280.5 ft-lb (380,3 N•m) @ 1600 rpm
– Rated Torque	276.6 ft-lb (375,0 N•m) @ 1600 rpm
Low Idle rpm	1050
High Idle rpm	2400
Number of Cylinders	4
Displacement	208.0 in^3 (3409 cm^3)
Bore / Stroke	3.86 in / 4.45 in (98 mm / 113 mm)
Lubrication	Gear Pump Pressure System with Filter

Crankcase Ventilation	Closed Breathing
Air Cleaner	Dry replaceable paper cartridge with separate safety element
Ignition	Diesel – Compression
Air Induction	Turbo-Charged and Charged Air Cooled
Engine Coolant	Propylene Glycol / Water Mixture
Starting Aid	Air intake heater automatically activated as needed in RUN position

LOADER SPECIFICATIONS (CONT'D)

Drive System

Main Drive	Fully hydrostatic, rubber track drive
Transmission	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic drive motors
Tracks (Tension)	Automatic track tension system with hydraulic cylinder and spring

Controls

Machine Steering	Direction and speed controlled by two hand operated steering handles or optional joystick(s)
Loader Hydraulics: – Lift and Tilt	Controlled by separate foot pedals or optional Selectable Joystick Controls (SJC)
– Front Auxiliary	Controlled by electrical switch on Right Hand steering handle or joystick
– Rear Auxiliary (Option)	Controlled by electrical switch on Left Hand steering handle or joystick
Auxiliary Pressure Release	Pressure relieved through quick couplers; Push couplers in, hold for 5 seconds
Engine	Hand operated speed control, additional foot operated speed control pedal with SJC option; key-type start switch or optional Keyless Start Panel or optional Deluxe Instrumentation Panel and function error shutdown
Service Brake	Two independent hydrostatic systems controlled by two hand operated steering handles or optional joystick(s)
Secondary Brake	One of the hydrostatic transmissions
Parking Brake (Standard)	Spring applied pressure release multi-disc brake activated by manually operated switch on left instrument panel

LOADER SPECIFICATIONS (CONT'D)

Hydraulic System

Pump Type	Engine driven, gear type
Pump Capacity – Standard-Flow	23.0 U.S. gpm (87,1 L/min)
Pump Capacity – High-Flow (Option)	36.6 U.S. gpm (138,2 L/min)

System Relief at Quick Couplers	3450 – 3550 psi (23,8 – 24,5 MPa) (238 – 245 bar)
Filter (Hydraulic / Hydrostatic)	Replaceable beta 10 micron = 200, drop in element
Filter (Charge)	Replaceable beta 10 micron = 200, spin-on element
Hydraulic Cylinders:	Double-acting; lift cylinders have cushioning feature on lower, tilt cylinders have cushioning feature on dump and rollback
Lift Cylinder (2):	
Bore Diameter	3.50 in (88,9 mm)
Rod Diameter	2.00 in (50,8 mm)
Stroke	27.51 in (698,75 mm)
Tilt Cylinder (2):	
Bore Diameter	3.25 in (82,6 mm)
Rod Diameter	1.50 in (38,1 mm)
Stroke	15.29 in (388,36 mm)
Control Valve – SCPA	3-Spool, open center, manually operated with spring detent for lift float; Electrically controlled auxiliary spool
Control Valve – SJC	3-Spool, open center with electric actuator controlled lift with float and tilt; Electrically controlled auxiliary spool
Fluid Lines	SAE Standard tubelines, hoses, and fittings
Fluid Type	BOBCAT FLUID, Hydraulic / Hydrostatic 6903117 – (Two – 2.5 U.S. gal) 6903118 – (5 U.S. gal) 6903119 – (55 U.S. gal)
Hydraulic Function Time:	
Raise Lift Arms	5.9 seconds
Lower Lift Arms	4.0 seconds
Bucket Dump	2.9 seconds
Bucket Rollback	2.3 seconds

LOADER SPECIFICATIONS (CONT'D)

Electrical System

Alternator	Belt driven, 120 amperes, open frame
Battery	12 volt, 1000 cold cranking amperes @ 0°F (-18°C), 186 minute reserve capacity @ 25 amperes

Starter	12 volt, gear type, 3.62 hp (2,7 kW)
Instrumentation	**Gauges:** Engine Coolant Temperature and Fuel Level **Warning lights:** Fuel Level, Seat Belt, Engine Coolant Temperature, Engine Malfunction, Hydraulic System Malfunction, Diesel Exhaust Fluid (DEF) / AdBlue®, and General Warning **Indicators:** Diesel Exhaust Fluid (DEF) / AdBlue® Level, BICS™ Functions, Two-Speed, 3-Point Restraint, and Turn Signals **Data Display:** Operating Hours, Engine rpm, Speed Management Setting, Maintenance Clock Countdown, Battery Voltage, Service Codes, Engine Preheat Countdown, Lift and Tilt Compensation Setting, Steering Drift Compensation Setting, and Drive Response Setting **Other:** Audible Alarm, Lights, and Option / Accessory Switches **Optional Deluxe Instrumentation Panel:** *Additional displays for: Engine rpm, Engine Coolant Temperature, Engine Oil Pressure, System Voltage, Hydraulic Fluid Temperature, and Hydrostatic Charge Pressure *Additional Features Included: Keyless Start, Digital Clock, Job Clock, Password Lockout, Multiple-Language Display, Help Screens, Diagnostic Capability, and Engine / Hydraulic Systems Shutdown Function

Capacities

Fuel	32.6 U.S. gal (123,4 L)
Engine Oil with Filter Change	13.3 qt (12,6 L)
Engine Cooling System with Heater	3.8 U.S. gal (14,4 L)
Engine Cooling System without Heater	3.6 U.S. gal (13,6 L)
Hydraulic / Hydrostatic Reservoir	2.5 U.S. gal (9,5 L)
Hydraulic / Hydrostatic System	12.0 U.S. gal (45,4 L)

Diesel Exhaust Fluid (DEF) / AdBlue®	6.8 U.S. gal (25,7 L)
Hydrostatic Drive Motor (Each)	17.5 U.S. fl oz (517,5 mL)
Air Conditioning Refrigerant (R-134a)	1.5 lb (0,68 kg)

LOADER SPECIFICATIONS (CONT'D)

Tracks

Standard	17.7 in (450 mm) Rubber

Ground Pressure

Rubber Track – 450 mm (17.7 in)	4.8 psi (0,033 MPa) (0,33 bar)

BOBCAT LOADER WARRANTY

Bobcat Company warrants to its authorized dealers and authorized dealers of Bobcat Equipment Ltd., who in turn warrant to the owner, that each new Bobcat loader with a delivery date on or after January 1, 2019 will be free from proven defects in material and workmanship with respect to (i) all components of the product except as otherwise specified herein for twenty-four (24) months, or a total of 2000 hours of use, whichever occurs first, (ii) tracks and Bobcat brand tires, for twelve (12) months on a prorated basis based on the remaining depth of the track or tire at the time any defect is discovered, (iii) Bobcat brand batteries, for an initial twelve (12) month warranty period and for an additional twelve (12) months thereafter, Bobcat Company shall reimburse a fixed portion of the cost of replacing the battery as designated by Bobcat in the event of a proven defect and (iv) auxiliary hydraulic quick couplers for six (6) months or 200 hours of use, whichever occurs first. The foregoing time periods shall all commence after delivery by the authorized Bobcat dealer to the original buyer.

During the warranty period, the authorized Bobcat dealer shall repair or replace, at Bobcat Company's option, without charge for parts and labor, any part of the Bobcat product except as otherwise specified herein which fails because of defects in material or workmanship. The owner shall provide the authorized Bobcat dealer with prompt written notice of the defect and allow reasonable time for repair or replacement. Bobcat Company may, at its option, require failed parts to be returned to the factory. Travel time of mechanics and transportation of the Bobcat product to the authorized Bobcat dealer for warranty work are the responsibility of the owner. The remedies provided in this warranty are exclusive.

This warranty does not cover replacement of scheduled service items such as oil, filters, tune-up parts, and other high-wear items. This warranty does not cover damages resulting from abuse, accidents, alterations, use of the Bobcat product with any accessory or attachment not approved by Bobcat Company, air flow obstructions, or failure to maintain or use the Bobcat product according to the instructions applicable to it.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND CONDITIONS, EXCEPT THE WARRANTY OF TITLE. BOBCAT COMPANY DISCLAIMS ALL OTHER WARRANTIES AND CONDITIONS, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL BOBCAT COMPANY OR THE AUTHORIZED BOBCAT DEALER BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, LOSS OR INTERRUPTION OF BUSINESS, LOST PROFITS, OR LOSS OF MACHINE USE, WHETHER BASED ON CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY, STATUTE OR OTHERWISE, EVEN IF BOBCAT COMPANY OR THE AUTHORIZED BOBCAT DEALER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE TOTAL LIABILITY OF BOBCAT COMPANY AND THE AUTHORIZED BOBCAT DEALERS WITH RESPECT TO THE PRODUCT AND SERVICES FURNISHED HEREUNDER SHALL NOT EXCEED THE PURCHASE PRICE OF THE PRODUCT UPON WHICH SUCH LIABILITY IS BASED.

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BOBCAT LOADER WARRANTY

Bobcat Company warrants to its authorized dealers and authorized dealers of Bobcat Equipment Ltd., who in turn warrant to the owner, that each new Bobcat loader with a delivery date on or after January 1, 2019 will be free from proven defects in material and workmanship with respect to (i) all components of the product except as otherwise specified herein for twenty-four (24) months, or a total of 2000 hours of use, whichever occurs first, (ii) the drive belt from the hydrostatic pump to the engine, for thirty six (36) months, provided that after the initial twenty-four (24) month warranty period, such warranty shall be limited to parts only and does not include labor, (iii) tracks and Bobcat brand tires, for twelve (12) months on a prorated basis based on the remaining depth of the track or tire at the time any defect is discovered, (iv) Bobcat brand batteries, for an initial twelve (12) month warranty period and for an additional twelve (12) months thereafter, Bobcat Company shall reimburse a fixed portion of the cost of replacing the battery as designated by Bobcat in the event of a proven defect and (v) auxiliary hydraulic quick couplers for six (6) months or 200 hours of use, whichever occurs first. The foregoing time periods shall all commence after delivery by the authorized Bobcat dealer to the original buyer.

During the warranty period, the authorized Bobcat dealer shall repair or replace, at Bobcat Company's option, without charge for parts and labor, any part of the Bobcat product except as otherwise specified herein which fails because of defects in material or workmanship. The owner shall provide the authorized Bobcat dealer with prompt written notice of the defect and allow reasonable time for repair or replacement. Bobcat Company may, at its option, require failed parts to be returned to the factory. Travel time of mechanics and transportation of the Bobcat product to the authorized Bobcat dealer for warranty work are the responsibility of the owner. The remedies provided in this warranty are exclusive.

This warranty does not cover replacement of scheduled service items such as oil, filters, tune-up parts, and other high-wear items. This warranty does not cover damages resulting from abuse, accidents, alterations, use of the Bobcat product with any accessory or attachment not approved by Bobcat Company, air flow obstructions, or failure to maintain or use the Bobcat product according to the instructions applicable to it.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND CONDITIONS, EXCEPT THE WARRANTY OF TITLE. BOBCAT COMPANY DISCLAIMS ALL OTHER WARRANTIES AND CONDITIONS, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL BOBCAT COMPANY OR THE AUTHORIZED BOBCAT DEALER BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, LOSS OR INTERRUPTION OF BUSINESS, LOST PROFITS, OR LOSS OF MACHINE USE, WHETHER BASED ON CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY, STATUTE OR OTHERWISE, EVEN IF BOBCAT COMPANY OR THE AUTHORIZED BOBCAT DEALER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE TOTAL LIABILITY OF BOBCAT COMPANY AND THE AUTHORIZED BOBCAT DEALERS WITH RESPECT TO THE PRODUCT AND SERVICES FURNISHED HEREUNDER SHALL NOT EXCEED THE PURCHASE PRICE OF THE PRODUCT UPON WHICH SUCH LIABILITY IS BASED.

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