

# SPECIFICATIONS

## Performance

	V518	V623	V623 with Frame Level
Operating Weight	10846 lb. (4920 kg)	14550 lb. (6600 kg)	14760 lb. (6695 kg)
Max. Load Capacity	5500 lb. (2495 kg)	6500 lb. (2948 kg)	6500 lb. (2948 kg)
Max. Load Full Height	5500 lb. (2495 kg)	6500 lb. (2948 kg)	6500 lb. (2948 kg)
Max. Load at Reach	2200 lb. (998 kg)	2660 lb. (1207 kg)	2660 lb. (1207 kg)
Auxiliary Hydraulic Flow	20 gpm (76 L/min)	20 gpm (76 L/min)	20 gpm (76 L/min)
Hydraulic Pressure	3191 PSI (220 Bar)	3191 PSI (220 Bar)	3191 PSI (220 Bar)
Lift Height (K)	217.7 in. (5530 mm)	283.4 in. (7198 mm)	280.1 in. (7115 mm)
Max Reach (L)	128.2 in. (3256 mm)	164.8 in. (4186 mm)	168.1 in. (4270 mm)
Reach at Max Height (M)(24 in. Load Center)	42.0 in. (1067 mm)	58.8 in. (1494 mm)	62.1 in. (1587 mm)
Bucket Dump Height (N)	194.9 in. (4951 mm)	248.9 in. (6322 mm)	245.6 in. (6238 mm)
Reach at Dump Height (O)	31.9 in. (811 mm)	45.3 in. (1151 mm)	48.6 in. (1235 mm)
Bucket Dump Angle Full Height (P)	26.8 degrees	38.6 degrees	38.6 degrees
Frame Level Angle	N/A	N/A	± 6 degrees
Maximum Travel Speed			
Low	4.7 mph (7.6 km/hr.)	4.4 mph (7.1 km/hr.)	3.7 mph (6 km/hr.)
High	18.4 mph (29.6 km/hr.)	18.7 mph (30.1 km/hr.)	15.5 mph (25 km/hr.)
Draw Bar Pull	8317 lb. force (36996 N)	10341 lb. force (46000 N)	10341 lb. force (46000 N)
Bucket Breakout Force	8093 lb. force (36000 N)	10263 lb. force (45652 N)	10263 lb. force (45652 N)

## Dimensions

	V518	V623	V623 with Frame Level
Tires	400/70x20 Dunlop	400/80x24 Dunlop	400/70x20 Dunlop
Length Fork Heel To Rear (A)	173.5 in. (4407 mm)	194.5 in. (4940 mm)	194.5 in. (4940 mm)
Length Fork Heel to Rear Hitch (A1)	178.5 in. (4554 mm)	199.5 in. (5067 mm)	199.5 in. (5067 mm)
Length Front Tire To Rear (B)	153.9 in. (3909 mm)	164.6 in. (4181 mm)	161.3 in. (4097 mm)
Wheelbase (C)	98.4 in. (2499 mm)	108.3 in. (2751 mm)	108.3 in. (2751 mm)
Ground Clearance (D)	13.4 in. (340 mm)	20.2 in. (514 mm)	16.9 in. (430 mm)
Cab Height (E)	82.6 in. (2097 mm)	93.4 in. (2372 mm)	90.1 in. (2288 mm)
Width (F)	78.1 in. (1984 mm)	87.2 in. (2215 mm)	87.2 in. (2215 mm)
Tread (G)	62.2 in. (1580 mm)	70.8 in. (1798 mm)	70.8 in. (1798 mm)
Inside Turning Clearance (H)	58.0 in. (1473 mm)	50.4 in. (1280 mm)	50.4 in. (1280 mm)
Wheel Turning Clearance (I)	147.4 in. (3744 mm)	151.6 in. (3851 mm)	151.6 in. (3851 mm)
Fork Turning Clearance (J)	184.8 in. (4694 mm)	196.2 in. (4984 mm)	196.2 in. (4984 mm)
Angle of Departure (Q)	35 degrees	40 degrees	40 degrees

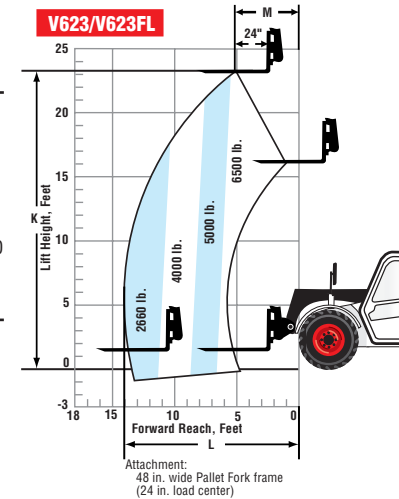
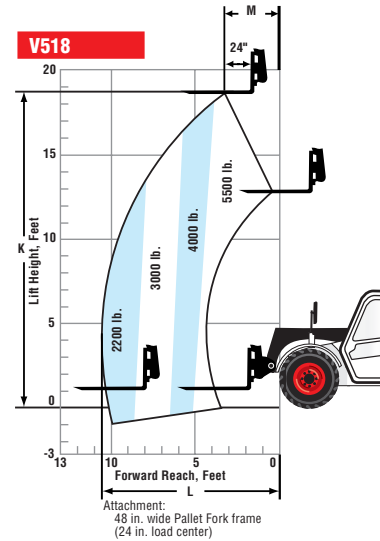
## Engine

	V518	V623	V623 with Frame Level
Make/Model	Perkins 1004-40T	Perkins 1004-40T	Perkins 1004-40T
Fuel/Cooling	Diesel/Liquid	Diesel/Liquid	Diesel/Liquid
Cylinders	4	4	4
Net Horsepower	105	105	105
Rated RPM	2200	2200	2200
Torque @ RPM	291 ft/lb. (394 NM)@1400	291 ft/lb. (394 NM)@1400	291 ft/lb. (394 NM)@1400
Displacement	243.3 cu. in. (3,99 L)	243 cu. in. (3,99 L)	243 cu. in. (3,99 L)
Fuel Tank Capacity	31.7 gal. (120 L)	38.3 gal. (145 L)	38.3 gal. (145 L)

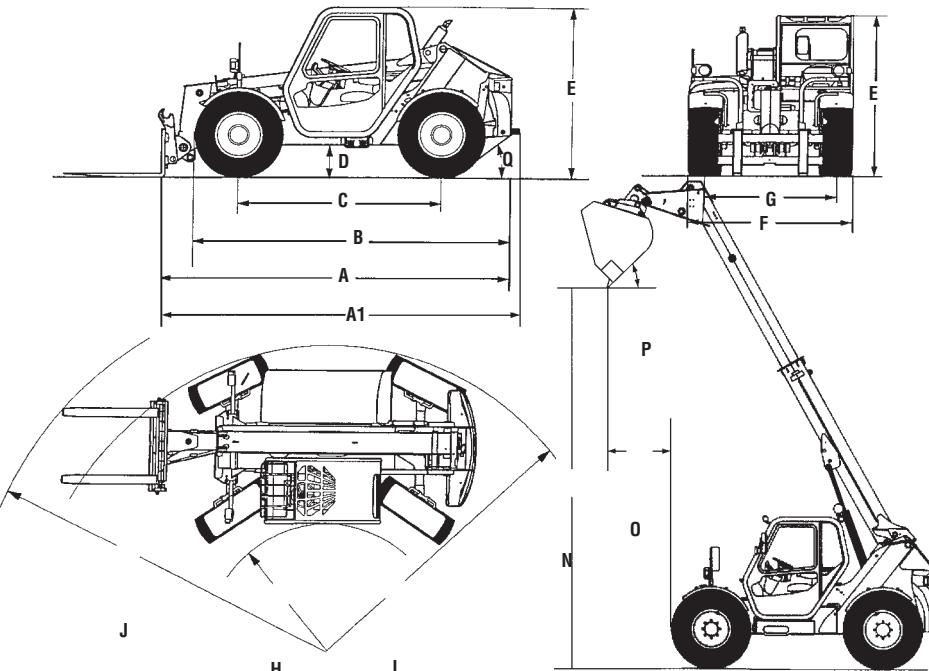
## Operation

Transmission: Hydrostatic, four-wheel drive  
 Steering Modes: Front wheel, four-wheel opposed, crab

## Rated Loads



NOTE — The VersaHANDLER TTC is a telescopic material handler which is a type of rough-terrain forklift truck. Where applicable, dimensions and specifications are in accordance with Society of Automotive Engineers (SAE), ASME B56.6 and ISO standards. Specifications and design are subject to change without notice. Pictures of Bobcat machines may show other than standard equipment. All dimensions are given for a machine equipped with standard tires. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Bobcat Company complies with the requirements of ISO 9001 as registered with BSI.



**Bobcat**

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Bobcat Attachments for this model:

- Angle Broom
- Auger
- Bale Handler
- Bale Squeeze
- Buckets
- Grapple
- Pallet Fork
- Tilt Carriage
- Truss Boom