

V518-V623

VersaHANDLER™

TELESCOPIC TOOL CARRIER



One Tough Animal

Courtesy of Crane Market



Bobcat®

You've heard
about it — now
check it out!

What's a VersaHANDLER TTC?
It's a multi-purpose machine
using innovative engineering,
exceptional power and
over-the-top performance to
handle a wide variety of jobs
effortlessly and efficiently.

- Loading
- Digging
- Grading
- Handling and placing
material
- Removing snow

The VersaHANDLER TTC
combines the speed, agility
and strength of a skid-steer
loader with the extended
reach of a telescopic in
the performance of many
worksite tasks.

REACH UP... OUT... AND OVER!

Bobcat® VersaHANDLER™ TTC
(Telescopic Tool Carrier)

Model V623 / V623 FL

Rated Load Capacity:

6,500 lb.

48" Wide Pallet Fork Frame
24" Load Center

Lifting Height:

23 ft.

Model V518

Rated Load Capacity:

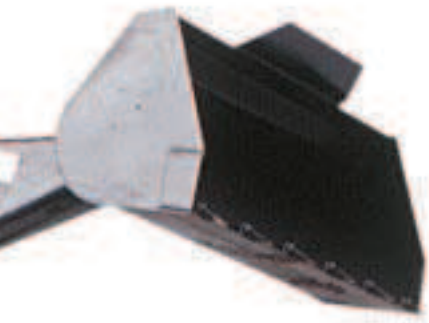
5,500 lb.

48" Wide Pallet Fork Frame
24" Load Center

Lifting Height:

18 ft.





The powerful telescopic tool carrier that gets these tough jobs off the ground!



Construction

Grading, back-filling, truss placement, material handling, cleanup, excavating, light to medium construction.



Municipalities

Mulching, waste transfer, leaf and tree cleanup, loading trucks, choppers and mulching machines, stockpiling, general maintenance and snow removal.



Landscaping

Landscaping contractors, landscape supply, nurseries, tree farms, sod farms. Ideal for loading and stockpiling landscape materials, loading and unloading sod, sod placement, transporting plants, trees and other landscaping materials, grading, retaining walls, stockpiling.



Industrial

Recycling (plastic, paper, metal), waste handling, sorting material, cleanup, loading conveyors, picking and placing material, loading trucks and waste containers.



Agriculture and Agribusiness

Bale handling, feeding, loading trucks and tub grinders, pulling bale trailers, cleaning pens, handling silage and fertilizer.



Rental Operators

Rent a VersaHandler TTC as an attachment carrier, material handler, or for loading. VersaHandler TTC can be used in many applications requiring a loader-tractor or small- to mid-size wheel loader. Its ease of operation makes it ideal for rental customers.



Backfilling

The VersaHandler TTC makes fast, easy work of backfilling trenches, filling holes and leveling and grading a jobsite.

Courtesy of Crane.Market

VersaHandler TTC Performance Features



Frame

A light, rigid, unitized frame provides the strength to lift as much as heavier machines in its class.



Extendable Boom

Two-section boom protects cylinders, hoses and lines. Optimal rear pivot position for superior digging ability and excellent reach at maximum lift height.



Visibility

Low-mount boom gives all-around visibility. Standard left and right mirrors aid operators.



Engine

Side-mounted engine allows better visibility to side and rear of machine, low machine profile and convenient serviceability.



Transmission

Simple-to-use, heavy-duty industrial hydrostatic transmission. Great wheel torque for digging and pushing. Dynamic braking. Shift on the fly; smooth transition between low and high. Two speed ranges plus two operator preference modes along with inching capabilities.



Hydraulic Quick-Tach

For easy hookup and disconnect of attachments. The operator can even hook up non-hydraulic attachments without leaving the VersaHandler TTC cab. Hydraulic Quick-Tach gives you a time-saving edge on every jobsite.



Training Resources

Training kits are available through your Bobcat dealer to assist you in complying with OSHA Rule 29 CFR 1910.178(l) for Powered Industrial Trucks. Check out www.Bobcat.com for more information on Bobcat Training Resources.

V 518 • V 623

VersaHANDLER

TELESCOPIC TOOL CARRIER

Worldwide Support.

With the Bobcat VersaHandler

TTC you get more than an

exceptional piece of compact

equipment. You also get the

support of a worldwide

network of Bobcat dealers

offering industry-leading

attachments, accessories

and parts availability. Their

factory-trained service

technicians are equipped

to handle all your parts

and service requirements,

including engine and

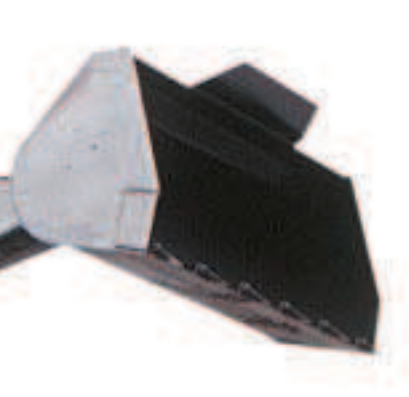
hydrostatic/hydraulic

components. There's an

excellent warranty program,

too. Get all the details from

your Bobcat dealer.



Transmission Mode Switch allows operator to choose method of transmission operation:

- **Drive Mode** for quicker or more direct reaction to any movement of the accelerator pedal.
- **Work Mode** for a gradual reaction to accelerator pedal movement, but higher engine rpm for hydraulics and wheel torque.



Steering

Three steering modes:

- **All-wheel steer** with tight turning radius.
- **Front-wheel steer** for road travel at high speeds.
- **Crab-steer** for side-to-side positioning. Wheel alignment lights indicate when front and rear wheels are centered for switching between steering modes.



Cab

Fully-enclosed with climate control: heat and air conditioning. More than 36 inches wide for operator comfort. Standard suspension seat. Opening rear window and left side window.



Controls

Single loader-style hydraulic joystick for boom and bucket functions. Boom extension and auxiliary functions activated by variable-control thumbwheels on joystick. Single shuttle lever for forward, reverse, high and low. Single lever for turn signals, horn and high-beam road lights. Tilt and telescoping steering wheel.

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

	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

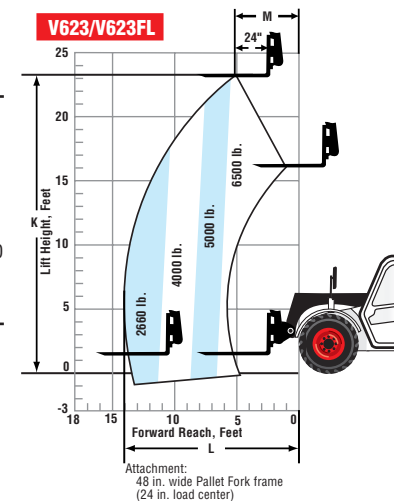
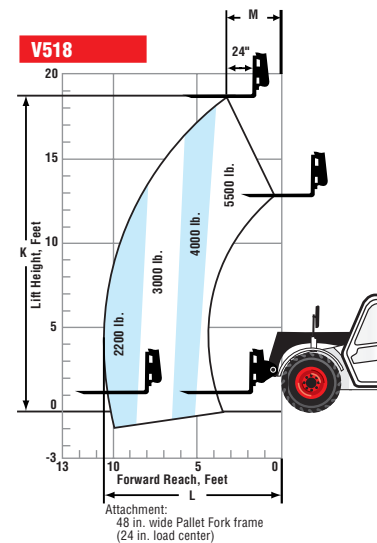
Engine

	Perkins 1004-40T	Perkins 1004-40T	Perkins 1004-40T
Make/Model	Diesel/Liquid	Diesel/Liquid	Diesel/Liquid
Fuel/Cooling	4	4	4
Cylinders	105	105	105
Net Horsepower	2200	2200	2200
Rated RPM	291 ft/lb. (394 NM)@1400	291 ft/lb. (394 NM)@1400	291 ft/lb. (394 NM)@1400
Torque @ RPM	243.3 cu. in. (3.99 L)	243 cu. in. (3.99 L)	243 cu. in. (3.99 L)
Displacement			
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
Attachments
for this
model:

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



Bobcat

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