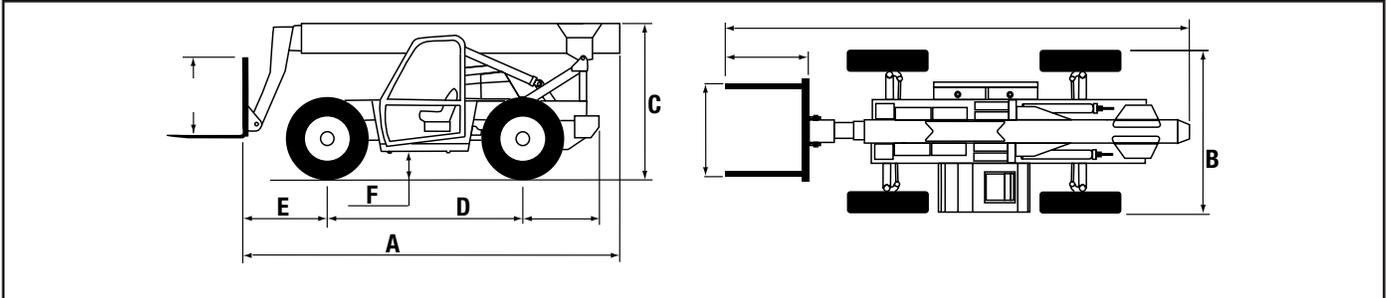


VR-642C Material Handlers

SPECIFICATIONS



MACHINE DIMENSIONS*		FT / IN	MM
Overall Length (less forks)	A	20' 3"	6172
Overall Width	B	8' 6"	2591
Overall Height	C	7' 11"	2413
Wheelbase	D	10' 0"	3048
Drive Axle to Carriage Front	E	4' 10"	1473
Ground Clearance	F	1' 4"	406
Shipping Weight**		19,750 lb	8977 kg
Tread Width		7' 3"	2210
Boom Extension		23' 6"	7163
Max Forward Reach		26' 4"	8026
Max Lift Height		42' 0"	12802
Max Reach @ Max Lift Height		3' 0"	914
Practical Placement Height		40' 1"	12217
Max Reach @ Practical Placement Height		6' 3"	1905
Max Reach Below Grade w/ Standard Carriage		2' 5"	737
TURNING RADIUS		FT / IN	MM
To Outside of Tires		11' 11"	3632
To Inside of Tires		6' 5"	1956
PERFORMANCE		LB	KG
Boom Retracted @ Max Height		6,700	3045
Capacity @ Max Height		6,000	2727
Capacity @ Max Reach		1,000	454

* Vehicle dimensions with 24-in (600 mm) load center.

** Lightest machine — no attachment, air-filled tires and open ROPS.

42-ft

Maximum Lift Height

110 hp

EPA Tier II
Turbocharged Diesel Engine

6,700 lb

Rated Lift Capacity



VR-642C Material Handlers

SPECIFICATIONS

BOOM

Boom Type	3-stage
Max Boom Angle	70°
Min Boom Angle	-6°
Telescope Extend Speed	15.6 seconds
Telescope Retract Speed	13.9 seconds
Boom Raise	10.6 seconds
Boom Lower	8.9 seconds
Carriage Rotation	113°

ENGINE

Make / Model	Cummins QSB4.5-30T
Fuel / Cooling	Diesel / liquid
SAE net hp	110 hp (82.1 kW)
Fuel Tank Capacity	35 gal (132 L)

OPERATION

Steering	2-wheel, 4-wheel or crab steering available controlled by steering wheel
Drive	All-wheel drive
Hydraulics	Boom lift, telescope, carriage rotate & auxiliary boom circuit controlled by single joystick. Optional stabilizers controlled by console switch.
Transmission	3-speed powershift with soft shift

STANDARD FEATURES

- Single joystick control
- Air cleaner restriction indicators
- Back-up alarm
- Boom angle indicator
- Cup holder
- Engine coolant heater
- Frame level indicator
- Horn and seat belt
- Lockable engine hood
- 12V power port
- Lockable battery cover
- Lockable fuel tank cap
- Lockable hydraulic tank cap
- Lockable toolbox
- Rear wiper/washer

OPTIONS / ACCESSORIES

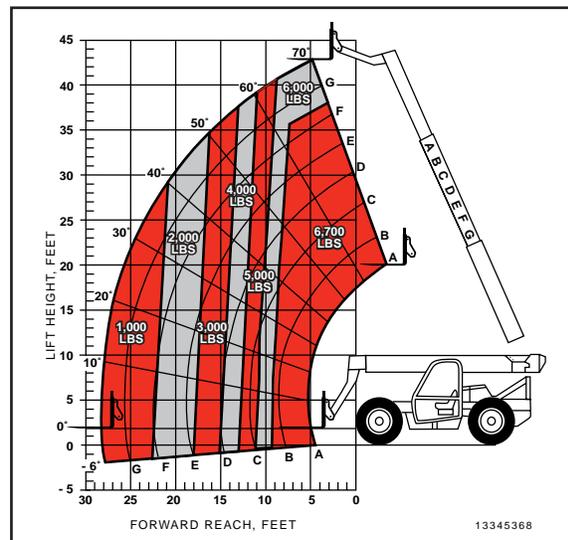
- Air conditioning
- All-weather cab w/ heat
- Boom lights
- Dual joystick control
- Ether cold start
- Fenders
- Front and rear worklights
- Full-suspension seat
- Pintle hook
- Road lights
- Rotating beacon
- Single auxiliary hydraulics
- Specialty-tire options
- Stabilizers
- Turn signals / flashers / brake lights
- Vandal protection

ATTACHMENTS*

- Buckets
- Drywall handler
- Side-tilt carriages
- Swing carriages
- Truss booms
- Various width carriages

* Contact your local Ingersoll-Rand distributor for additional attachment options.

VR-642C



Always read and understand the published rated load capacity for the material handler model you are operating and do not exceed it. Load ratings per ASME B56.6 — 1992.

