

20 Series

LCG™ Carrier



*some Optional Equipment shown

Low Center of Gravity

A New Revolutionary Carrier from Miller Industries

The 20 Series LCG™ Carrier uses a patent subframe design that lowers the deck 4" to 6" then most industrial carriers. The lower deck provides:

- Increased Load Stability with Lower Center of Gravity
- Lower Load Angle
- The Ability to Transport Taller Loads
- The Ability to Secure the Load from the Ground

The 20 Series LCG™ is designed for a chassis with either Single or Tandem Rear Axles and Dual Rear Wheels. Deck Lengths are available from 24' to 30'.



Standard Features

- Full Length Subframe
- Full Length Subframe Wear Pads
- Roller Bed Positive Lock-Down
- Painted w/Black Acrylic Urethane
- Driver & Passenger side Chain Trays
- Hydraulic Dock Stabilizer
- 7 Tie-Down Points (2 front, 5 rear)
- Floor Level Sides, w/Stake Pockets
- Two Front Safety Chains
- Bed Anti-Tilt Feature
- Dual Tilt Cylinders
- Dual Bed Extension Cylinders
- Roller Bed Lock Positive Down System
- Dual Illuminated Controls
- Back-up Alarm • L.E.D. Lights
- Hydraulic Pump • Mud Flaps
- Federal Standard 108 Lighting
- 20,000 lb. Planetary Winch
- 3/16" Deck Plate
- Winch Air Clutch Release
- Cable Tensioner

Chassis Recommendations

Fuel tanks must be under cab and not to extend behind front of the bed. Fuel fill must not be behind cab. The preferred location for the battery box is under the passenger seat or under the cab. Battery boxes in other locations may require relocation.

Chassis components directly behind the cab must be 2 inches below the top of the truck frame to clear the bed rails. Air tanks in the tilt cylinder zone will need to be relocated.

*Minimum space of 49" required between the inside tires. Tire 275/70R 22-5 and above require aluminum inside wheels. 295/75 R 22.5 are preferred.

*Rear frame height should equal rear tire height.

*Air-bag rear suspension is recommended for lower load angle

**Use back of vertical exhaust for the usable CA & effective back of cab

Minimum frame height.....	38"
Maximum frame height.....	43"

Series 20 Single Rear Axle

Minimum GVWR.....	31,000 lbs.
Minimum frame RBM each rail	
24 - 28".....	1,800,000 in. • lbs.
29 - 30	2,100,000 in. • lbs.
Minimum cab to axle (clear)**	(w/Lift Axle)
24'.....	166" 174"
25'.....	170" 178"
26'.....	182" 190"
27'.....	194"
28'.....	206"
Minimum frame length behind center of rear axle.....	34"

Series 20 Tandem Rear Axle

Minimum GVWR.....	50,000 lbs.
Minimum frame RBM each rail.....	2,500,000 in. • lbs.
Minimum Cab to Bogie (clear)**	
26'.....	174"
27'.....	182"
28'.....	190"
29'.....	198"
30'.....	206"
Minimum frame length behind center of rear axle.....	54"

**Use back of vertical exhaust for the usable CA and effective back of cab.

Optional Features

- Combination Wheel Lift & Dock Stabilizer - 4,000 lb. Wheel Lift
- Combination Wheel Lift & Dock Stabilizer - 6,000 lb. Wheel Lift (requires tandem rear axle)
- Combination Hydraulic Ext. Pintle & Dock Stabilizer
- Removable Side Rails
- Stabilizer Spades
- Industrial Floor Level sides with 24" O.C. Chain Locks
- Tool Compartments
- PTO
- Smooth Floor in Lieu of Deck Plate
- 1/4" Steel Floor (smooth or deck plate)
- Apitong Wood Floor
- Rubber Flooring
- Additional Key Slots
- Dual Key Slots Down Center of Deck
- Bed Mounted Cab Protector
- Frame Mounted Pylon (requires 12" additional CA)
- Window Guard in the Cab Protector
- Locking Chain Rack (for bed mounted cab protector)
- Switch Panel
- Work Area & Emergency Lighting
- Optional Color on Top of Deck and Side Rails
- Wireless Winch Remote
- 15,000 lb. Stacked Planetary Winches
- Bolt on Winch Guard
- Dual Air Free Spool
- Galvanized Subframe
- Trailer Ball Kit for Optional Underlift
- Fork Holders & Lift Forks for the Optional Wheel Lift
- Pintle Adapter for the Optional Underlift

Carrier Specifications

Load Rating.....	20,000 lbs.
Body Length.....	24', 25', 26', 27', 28', 29', 30'
Body Floorplate Thickness.....	3/16"
Body Width (outside).....	102"
Body Width (inside)*.....	97"
Body Mainbeam.....	6" I-Beam
Crossmembers.....	3" x 3" Corten tube
Crossmember Spacing.....	8" on center
Body Sides.....	6" x 4" x 3/8" angle
Subframe Rails.....	5" x 3" x 1/2" H.S. tube
Subframe Hinge.....	1 piece 2" diameter Cable
15,000 lb. winch.....	1/2 x 50'
20,000 lb. winch.....	9/16 x 75'
Bed tilt cylinders.....	4" bore
Bed extension cylinders (2).....	3-1/2" x 120" stroke

Wheel lift ratings:	4,000	6,000
Lift rating extended:	4,000 lbs.	6,000 lbs.
Tow rating:	10,000 lbs.	20,000 lbs.
Deck Height Above Chassis Frame	7.75" (Steel)	8.75" (Wood)

* Inside bed width applies to optional removable tube rails.



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