

THE LCG™ CARRIER

LOW CENTER OF GRAVITY

A NEW REVOLUTIONARY CARRIER FROM MILLER INDUSTRIES



MILLER INDUSTRIES HAS INTRODUCED A NEW LCG (LOW CENTER OF GRAVITY) INDUSTRIAL CARRIER. THE LCG CARRIER IS AVAILABLE IN DECK LENGTHS FROM 24-30 FEET WITH DECK CAPACITIES OF 20,000 OR 30,000 LBS. THE CARRIER USES A REVOLUTIONARY NEW PATENT PENDING SUBFRAME DESIGN THAT ALLOWS THE CARRIER DECK TO SIT 6" TO 8" LOWER THAN CONVENTIONAL INDUSTRIAL CARRIERS. THE LOW DECK HEIGHT ALLOWS FOR THE TRANSPORT OF MANY LOADS THAT WOULD BE OVER HEIGHT ON A TRADITIONAL INDUSTRIAL CARRIER AND WOULD NEED TO BE HAULED ON A TRAILER. ADDITIONALLY THE LCG CARRIER IS MORE STABLE AGAINST SWAY AND ROLLOVER WITH HEAVIER LOADS AND PROVIDES A LOAD ANGLE AS LOW AS 11 DEGREES MAKING IT IDEAL TO LOAD EQUIPMENT AND MACHINERY. THE OPERATOR IS ABLE TO SECURE MOST LOADS FROM THE GROUND WITHOUT THE NEED TO CLIMB UP ON THE DECK. THE UNIT IS DESIGNED TO BE MOUNTED ON A CHASSIS EQUIPPED WITH SUPER SINGLE REAR WHEELS AND TIRES.



STANDARD FEATURES

- Full Length Sub Frame
- Full Length Nylatron Slide Pads
- Painted with Black Acrylic Urethane
- Driver's & Passenger Side Chain Trays
- Fixed Position Stabilizer with Adjustable Extension Stands
- Six Tie-Down Points (2 Front, 4 Rear)
- Floor Level Sides, with Stake Pockets
- Two Front Safety Chains
- Hydraulic Winch & Cable
- Winch Air Clutch Release
- Bed Anti-Tilt Feature
- Dual Lift Cylinders
- Dual Extension Cylinders
- Positive Lock Down System
- Dual Illuminated Controls
- Back-Up Alarm
- Hydraulic Pump
- Mud Flaps
- Federal Standard 108 Lighting

STANDARD FEATURES 20 SERIES ONLY

- 9,000 lb. Planetary Winch with Spring Tensioner
- 3/16" Tread Plate Deck

STANDARD FEATURES 30 SERIES ONLY

- 20,000 lb. Planetary Winch with Spring Tensioner
- 1/4" Tread Plate Deck

OPTIONAL FEATURES 20/30

- Hydraulic Dock Stabilizer
- Combination Wheel Lift & Dock Stabilizer
- Removable Side Rails
- Rub Rails (Trailer Style with Integrated Stake Pockets)
- Tool Compartments
- PTO
- Smooth Floor in Lieu of Tread Plate
- 1/4" Steel Floor (Std. on 30 Series)
- Apitong Wood Floor
- Rumber Flooring
- Additional Key Slots
- Dual Key Slots Down Center or Deck Edge
- Bed Mounted Cab Protector
- Frame Mounted Pylon (Requires 8" Additional CA)
- Wire Mesh in the Cab Protector
- Tri-Box Toolboxes (For Frame Mounted Pylon)
- Locking Chain Rack (For Body Mounted Cab Protector)
- Switch Panel
- Work Area & Emergency Lighting
- Optional Color on Top of Deck and Side Rails
- Wired or Wireless Winch Remote
- 12,000 or 15,000 lb. Planetary Air Shift Winch (20 Series)
- 20,000 lb. Planetary Winch with Spring Tensioner (Std. on 30 Series)
- 30,000 lb. Planetary Winch with Spring Tensioner (30 Series Only)
- Trailer Ball Kit for the Optional Wheel Lift
- Fork Holders & Lift Forks for the Optional Wheel Lift
- Pintle Hook or Hitch Adapter for the Optional Wheel Lift

NOTE: All ratings are based on structural factors only, not vehicle capacities or capabilities. Specifications shown are approximations and may vary depending on chassis selected. Platform rating is based on an equally distributed load. Actual payload carrying capacity is determined by the curb weight of the chassis and equipment and should not exceed the GVWR of the chassis. Miller Industries Towing Equipment Inc. reserves the right to change or modify product and or specifications without notice or obligation. Some equipment shown is optional.

BED SPECIFICATIONS

	20 SERIES	30 SERIES
Load Rating	20,000 lbs.	30,000 lbs.
Platform Length	24', 25', 26', 27', 28', 29', 30'	26', 27', 28', 29', 30'
Platform Floorplate Thickness	3/16"	1/4"
Platform Width (Outside)	102"	102"
Platform Width (Inside)*	97"	97"
Platform Mainbeam	8" I-Beam	8" I-Beam
Platform Crossmembers	3" x 3" Cor-ten Tube	3" x 3" Cor-ten Tube
Crossmember Spacing	8" On Center	8" On Center
Platform Sides	6" x 4" x 3/8" Angle	7" x 4" x 3/8" Angle
Subframe Rails	6" x 3" x 3/8" H.S. Tube	6" x 3" x 3/8" H.S. Tube
Rear Pivot	1 Piece 2" Diameter	1 Piece 2" Diameter
Winch (1st Layer)	9,000 lb. Planetary	20,000 lb. Planetary
Cable	3/8" x 50'	9/16" x 75'
Bed Tilt Cylinders	4" Bore	4 1/2" Bore
Bed Extension Cylinders	3 1/2" x 120" Stroke	4" x 120" Stroke
Wheel Lift Rating (Extended)	4,000 lbs.	6,000 lbs.
Tow Rating	10,000 lbs.	20,000 lbs.

* Inside Bed Width Applies to Optional Removable Rails

CHASSIS RECOMMENDATIONS

The LCG Carrier Requires Super Single Tires & Wheels, 445/50R 22.5 with at least 58" between the tire sidewalls (interior).

Fuel Tanks must be under cab, not to extend more than 12" behind the cab. Fuel fill must not be behind the cab.

The preferred location for the battery box is under the passenger seat, battery boxes in other locations may require relocation.

Air bag rear suspension is recommended.

Minimum Frame Length Behind Center of Rear Axle	60"
Minimum Frame Height	40 1/2"
Maximum Frame Height	44"

20 Series Single Axle

Minimum GVWR	31,000 lbs.
Minimum Frame RBM (Each Rail)	
24' - 28'	1.8 Million Inch Pounds
29' & 30'	2.1 Million Inch Pounds
Minimum Cab to Axle (Clear†)	
24'	176"
25'	184"
26'	192"
27'	200"
28'*	208"
29'*	216"
30'*	224"

If a 20 Series carrier is to be mounted on a tandem axle chassis, use the 30 Series C.B. dimensions and a Frame RBM (Each Rail) of 2.5 Million Inch Pounds.

30 Series Tandem Axle

Minimum GVWR	50,000 lbs.
Minimum Frame RBM (Each Rail)	3.0 Million Inch Pounds
Minimum Cab to Bogie (Clear†)	
26'	174"
27'	182"
28'*	190"
29'*	198"
30'*	206"

† The outside frame rails of the chassis extending behind the cab must be free of fuel tanks, air tanks, battery boxes, exhaust stacks, etc.

* Check state and local road restrictions for maximum vehicle lengths allowed.



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DISTRIBUTED BY:

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