

Duke

Aerial Equipment Inc.

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www.dukeaerialinc.com

Zoom Boom by **CareLift**



ZB20044 • 20,000 lb. capacity
• 44 ft. lifting height

SUPERIOR TOOL CARRIER

ZOOM BOOM Model ZB20044

DIMENSIONS

Wheelbase	138"	350 cm
Overall width	102"	259 cm
Overall height	108"	274 cm
Length less forks	243"	617 cm
Ground clearance	18"	46 cm
Total weight (approx.)	44,000 lb	20,000 kg
Turn radius	220"	559 cm
Frame level	+/-8 Degrees	

SPECIFICATIONS

Engine	Cummins, turbocharged diesel, 6BT-5.9, 152 horsepower @ 2500 rpm
Transmission	Electric powershift, 3 speed forward and 3 speed reverse Top speed - 20.5 mph 33 km/hr
Axes	Axletech (Rockwell) steerable outboard planetary
Brakes	Dry disc brakes on all four wheels Parking - pinion mounted dry disc on front axle
Tire	17.5 x 25 - 16 ply rock lug grader tubeless
Steering	2 wheel, 4 wheel, crab
Boom	3 section, welded construction Maximum lift height - 44' 10" - 1366 cm Maximum forward reach - 27' 5" - 838 cm Dual shaft type carriage Carriage rollback - 19 degrees Carriage forward tilt - 80 degrees
Forks	2½" x 8" x 60" 6 cm x 20 cm x 122 cm
General	Fuel/hydraulic oil tank - 55 US gal - 212L Dual load sensing piston type Hydraulic pump - 64 gpm @ governed rpm 12 volt - 105 amp. alternator

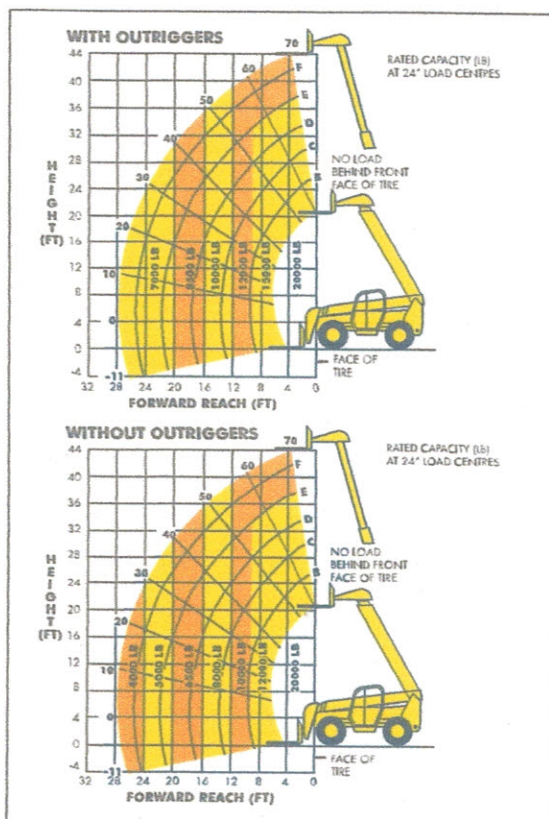
STANDARD EQUIPMENT

- Pilot-operated joystick boom & frame level controls
- Gauge instrumentation
- Hydraulic frame leveling
- Enclosed lockable engine cowl
- Load capacity chart
- Automatic self-leveling forks
- 4 wheel drive
- Engine block heater
- Quick disconnect carriage
- ROPS/FOPS operator compartment
- Lockable fuel cap and engine compartment
- Service and park brake activated transmission disconnect
- Anti restart keyed ignition switch with neutral start
- Rear axle "stable lock" cylinder
- Adjustable seat
- Right-hand arm rest
- Dual batteries
- Anti freeze
- Retractable seat belt
- Load backrest
- Central frame tilt lubrication
- Electric horn
- Checker plate deck covers and anti-skid floor and steps
- Yellow paint with black trim
- Overcentre lock valves on all hydraulic functions
- Foot throttle
- External rear view mirrors
- Two stage air cleaner
- 4 wheel power steering
- Automatically activated S.A.H.R. parking brake
- Return line hydraulic oil filter
- Hydraulic tank pickup sump strainer
- Muffler guard
- Outriggers

OPTIONAL EQUIPMENT

- Various carriages/fork sizes
- Turn signals/lights
- Working lights
- Flashing beacon
- Auxiliary hydraulics
- Enclosed operator cab
- Air conditioning
- Fork positioner
- Sideshift carriage
- Material bucket
- 15,000 lb winch
- Foam filled tires
- Fenders
- Coil ram
- Pipe and pole grapple
- Pipe and pole clamp
- Other specialized attachments
- Mine code specification

CAPACITY CHARTS



- Machine design complies with ASME/ANSI B56.6 stability requirements for rough terrain forklifts.
- For attachments consult factory for load rating.
- Read boom angle and boom extension, then determine allowable load from chart.
- Figures shown are stacking capacity with truck level on a firm surface and with properly inflated tires.
- Do not exceed rated loads as dangerous and unstable machine conditions will result.

IMPORTANT

- All capacities rated on firm ground, with the machine steered straight and frame level.
 - Always travel with boom retracted in the lowest possible position.
 - Never position fork carriage behind front face of tire.
- Note:* Materials and specifications are subject to change without notice.

ZOOM BOOM
by CareLift®

Extending ourselves for you.

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