HC 108 B Zephyrcrane

Feature for feature...matchless in its work range

Check this Buyer's Guide to quick facts and features.

STANDARD

UPPER
- Speed-o-Matic controls
- All-rolled, stress-relieved upper frame
- Inverted-rolled heat-treated shafting throughout
- Machine cut pinion gears and pinions
- Exclusive drum shaft design
- Extended front and rear drum shafts
- Fully Interchangeable clutches
- Independent boom hoist
- Room lowering clutch
- Eight adjustable conical hook rollers, mounted in four separated units
- Rollers, roller brackets and roller pads are heat-treated
- Pin-connected crane boom
- Two-piece, box-lattice crane boom
- Fixed boom backstays—spring loaded bumpers (standard angle boom)
- Friction type swing brake
- Heavy duty retractable high gannon
- Extender cables
- Footboard
- Three hoistpoint 90° deviation bearings
- Boom hoist lever kick-out device

CARRIER
- Heavy-duty custom built 4-tube carrier
- Hydraulic power steering
- Planetary rear axles
- 12 speeds forward and 3 reverse
- Tapaged rear overrigger assembly
- Double box, removable front and rear outriggers with full width sliding beams
- Outrigger boxes mounted on rollers
- Full width fenders
- Storage type running boards
- 8 x 4 drive
- 8-wheel brake

OPTIONAL

UPPER
- Wide selection of gasoline or diesel engines equipped with friction clutch, hydraulic coupling or torque converter
- Extra two-speed transmission for gasoline engines
- Throttle control mounted on swing or hoist levers
- Reversing clutches for either or both main operating drums
- Third operating drum
- Hydraulic jack for raising or lowering retractable gantry
- Elevator cab
- "HI-LITE" telescopic boom with telescopic boom backsteps
- Crane boom cable supporting rollers
- Crane boom angle indicator
- Visual drum rotation indicator
- Two-speed hoist drums

CARRIER
- Electric remote control
- Screw-type outrigger locks and light-weight pontoons
- Hydraulic outrigger beams and locks (cable or manual controlled arrangements available or combination of both)
- Choice of diesel engines

Zephyrcrane

HC-108B

TRUCK-CRANE

LINK-BELT SPEEDER

45-TON

Zephyrcrane

HC-108B

Speed-o-Matic power hydraulic controls

Angle-type boom and revolutionary "HI-LITE" boom

Cedar Rapids, Iowa
Woodstock, Ontario, Canada

Power cranes and shovels... diesel pile hammers... all hydraulic excavators

Road Machinery & Supplies Co.
4901 W. 78th Street
Minneapolis, Minnesota 55431
Telephone No. 920-3900

210 East First Street
Duluth, Minnesota 55802
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Sales & Service Headquarters

Printed in U.S.A.
For long booming... the revolutionary

Less weight + double strength

"Hi-Lite" tubular boom design

More capacity, longer reach

Unassisted, the HC-108B raises a total of 200 feet of boom and jib from ground to sky...

Applied geometry and new steel pay off. Use of an age-old geometric figure—the tetrahedron—plus high strength, light weight steel tubing explains how it's possible for this 45 ton rig to pick up from the ground 150 feet of main boom plus 50 feet of jib or 150 feet of main boom alone... both unassisted... with "Hi-Lite" boom.

Job-tailored safety-rated features include: spring-loaded steel boom backstops for angle booms and telescopic boom. And for "Hi-Lite" boom, extender cables for both booms; hydraulic controlled break (friction) dependent boom height... power up and down; automatic brake hookdown; plus low boom; boom built-in overload device. Among optional features are boom angle indicator, drum rotation indicator, cable supporting rollers for top side of crane booms and roller type hoist cable guards for both crane booms.
cat-quick on the road . . . tigers on the job

Standard 4-axle carrier

Custom-built to Link-Belt Speeder's specifications, this specially designed carrier provides a sturdy, stable working platform for all lifting crane jobs. . . . offers the quality construction needed for many years of trouble-free service.

It features these outstanding customer benefits as standard equipment:
- Hydraulic power steering
- Full-floating walking beam support for tandem front and rear axles
- 12 speeds forward and 3 reverse provide a wide range of speeds for both on and off-highway travel
- 8 x 4 drive
- Planetary rear axles
- 8-wheel air brakes
- Removable front and rear outrigger boxes and beams
- Diamond plate rear fenders

Optional features include:
- Diesel engine
- Electronic control
- Screw-type outrigger jacks and lightweight penthouse
- Hydraulically controlled outrigger beams and jacks

Power Hydraulic Outriggers

Optional hydraulic outriggers have individual beams and piston jacks which are positioned quickly and accurately. Maximum stability is insured even on the roughest terrain or close to structures or obstructions. No additional enlisting for proper adjustment is necessary. Directional control valve at operator's stand provides oil pressure for the hydraulic outriggers. This valve locks existing pressure in the Speed-o-Matic system and assures no loss of pressure at the operator's control panel within 24 hours of operating the hydraulic outriggers. All hoses are contained in the outrigger housing and there is no external abuse. Valve on each jack cylinder prevents loss of pressure due to accidental line breakage. Quick disconnect on hoses permits outrigger boxes to easily be removed.

Three Optional Arrangements

- Two-point contact (rear only) with individual cab controls for both beams and jacks.
- Four-point contact (front and rear) with individual ground operated controls for beams and jacks at all four contact points.
- Four-point contact with rear two points operable from operator's cab.