

# *Hy-Brid Lifts*<sup>®</sup>

*by Custom Equipment*



## *Scissors Lifts*



# FEATURES AND BENEFITS



## LOW STOWED HEIGHT

Low entry height onto the lift allows for easier lifting of materials and tools onto the platform.

## FULL-SWING GATE

Allows for easier and quicker entry onto the platform compared to a lift bar entry system.

## NON-MARKING TIRES

Prevents floor scuffing and damage to delicate surfaces. Improved tires for better maneuverability and traction on site.



## SLIDE-OUT DECK EXTENSION

Provides a large deck extension with no rollers for debris to interfere, for increased operator mobility and easier job access.

*\*Not available on HB-P830*

## EASY ACCESS PANELS

Allow for quick access into the cabinets, featuring pull-out battery trays for easy service.

## ZERO-TURN RADIUS

Navigate smoothly and easily around corners without inflicting damage to drywall and other delicate surfaces.

*\*HB-P830 only*

## SAFETY FEATURES

- Reduces risk of falls from ladders and scaffolding
- Tilt sensor to help prevent unsafe operation
- Pothole protection to prevent tip-overs
- Ergonomically designed to reduce worker fatigue
- Platform overload protection
- Meets all OSHA, ANSI, and CE requirements

## MODELS AVAILABLE:

Manual: HB-P830

Electric: HB-830 / HB-1030 / HB-1430



## LONGER RUN TIMES

Utilizing electric drive and electric steer, Hy-Brid Lifts run times are significantly longer than hydraulic lifts, allowing for operation in environments where no external power source is available.

## BETTER MANEUVERABILITY

Compact size allows the machine to easily go through standard single doors, turn tight corners, navigate in narrow spots, and fit into most personnel elevators.

## LOWER FLOOR LOADING

Access floors earlier with unparalleled low floor loading pressures that let you complete projects faster and more efficiently than others in the scissor lifts industry.

## HIGHER LIFTING CAPACITIES

Hy-Brid Lifts are designed to be sturdier than mast lifts and their scissors lifts counterparts, allowing them higher lifting capacities on the jobsite while still maintaining a light weight footprint.

750 lb / 340.2 kg - HB-1030

670 lb / 304 kg - HB-1430

500 lb / 226.8 kg - HB-P830/830/P3.6

## ERGONOMIC DESIGN

Full-swing door and lowest entry heights in the scissors lift industry reduces changes of repetitive stress injury (RSI) caused by neck, back, and knee strain.

## VIRTUALLY MAINTENANCE FREE

With only 2 batteries to maintain and no lubrication needed, Hy-Brid Lifts offer a reliable solution to keeping costs low and minimizing downtime.



**MADE IN THE U.S.A.**

# Specifications

## MODELS

HB-P830

HB-830

HB-1030

HB-1430

### HEIGHTS

Working Height	14 ft (4.27 m)	14 ft (4.27 m)	16 ft (4.87 m)	20 ft (6.1 m)
<b>A</b> - Platform Height Max	8 ft (2.44 m)	8 ft (2.44 m)	10 ft (3 m)	14 ft (4.26 m)
<b>B</b> - Platform Height Min	23.75 in (0.6 m)	26.6 in (0.68 m)	23.25 in (0.59 m)	27.8 in (0.7 m)
<b>C</b> - Ground Clearance Raised	2.5 in (6.35 cm)	0.2 in (0.51 cm)	0.375 in (0.95 cm)	0.375 in (0.95 cm)
<b>D</b> - Ground Clearance Stowed	2.5 in (6.35 cm)	2 in (5.1 cm)	3 in (7.6 cm)	3 in (7.6 cm)

### MEASUREMENTS

<b>E</b> - Overall Length	43 in (1.09 m)	47 in (1.19 m)	63.5 in (1.61 m)	69.5 in (1.76 m)
<b>F</b> - Overall Width	30 in (0.76 m)	30 in (0.76 m)	30 in (0.76 m)	30 in (0.76 m)
<b>G</b> - Stowed Height	67.7 in (1.72 m)	69.25 in (1.76 m)	65.63 in (1.67 m)	70 in (1.78 m)
<b>H</b> - Platform Length	40 in (1 m)	44.5 in (1.13 m)	60 in (1.52 m)	60 in (1.52 m)
<b>I</b> - Platform Width	25 in (0.64 m)	25 in (0.64 m)	25 in (0.64 m)	25 in (0.64 m)
<b>J</b> - Platform Extension	N/A	19 in (0.48 m)	30 in (0.76 m)	30 in (0.76 m)
Wheelbase	35 in (0.89 m)	37 in (0.94 m)	51 in (1.29 m)	51 in (1.29 m)

### PERFORMANCE

Platform Capacity	500 lb. (226.8 kg)	500 lb. (226.8 kg)	750 lb. (340.2 kg)	670 lb. (304 kg)
Extension Capacity	N/A	250 lb. (113.4 kg)	250 lb. (113.4 kg)	250 lb. (113.4 kg)
Weight	680 lb (346 kg)	1080 lb. (506 kg)	1273 lb (577.4 kg)	1645 lb (746 kg)
Rated Occupancy	1 person	1 person	2 persons	2 persons
Gradeability	N/A	25%	25%	25%
Inside Turning Radius	0	0	21 in (0.53 m)	21 in (0.53 m)
Outside Turning Radius	41.8 in (1.06 m)	43.5 in (1.1 m)	76.4 in (1.94 m)	76.4 in (1.94 m)
Drive Speed Raised	N/A	0.7 mph (0.32 m/s)	0.7 mph (0.31 m/s)	0.7 mph (0.31 m/s)
Drive Speed Stowed	N/A	2.3 mph (1.0 m/s)	2.5 mph (1.18 m/s)	2.5 mph (1.18 m/s)
Lift Speed Up/Down	10 sec / 10 sec	10 sec / 10 sec	15 sec / 22 sec	21 sec / 31 sec
Power Source	12 VDC	24 VDC	24 VDC	24 VDC
Tires - non-marking	- Front 8 in (0.2 m) - Rear 8 in (0.2 m)	8 in (0.2 m) 10 in (0.25 m)	8 in (0.2 m) 10 in (0.25 m)	10 in (0.25m) 10 in (0.25m)

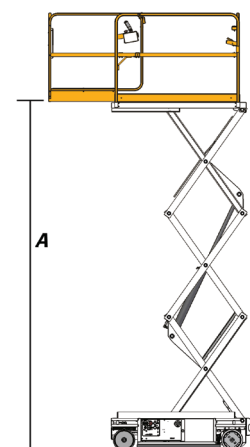
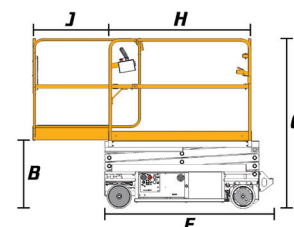
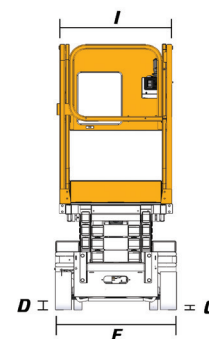
### FLOOR LOADING

Min Wheel Load	21.25 psi (146.8 kPa)	68.8 psi (474.8 kPa)	62.7 psi (432.5 kPa)	80.9 psi (557.6 kPa)
Max Wheel Load	36.88 psi (254.2 kPa)	100.1 psi (690.3 kPa)	99.3 psi (684.8 kPa)	113.6 psi (783.0 kPa)
Min Machine Load	75.9 psf (3.63 kPa)	110.3 psf (5.28 kPa)	97.2 psf (4.54 kPa)	125.3 psf (6.0 kPa)
Max Machine Load	131.7 psf (6.31 kPa)	160.2 psf (7.67 kPa)	153.9 psf (7.37 kPa)	180 psf (8.43 kPa)

### OPTIONS

110V-AC to Platform  
Air Line to Platform  
Non-Std Railing Color

All Motion Alarm  
Flashing Amber Beacon  
Tool Tray



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**Hy-Brid Lifts™**