



ADVANCE LIFTS



H I G H C Y C L E L I F T S



HIGH CYCLE LIFTS

These lifts were designed for automated machine feeding or off loading applications that will accumulate cycles very quickly. Standard lift speeds start out twice as fast as our P series units and can be modified to customer needs approaching the 40 feet per minute speed of our UHC lifts. This high cycle unit is a clean and simple design, but it is still feature rich and unmatched by any competitor.



SPECIAL FEATURES

- ▶ Warranted for 1,000,000 cycles.
- ▶ Soft start - soft stop operating speed.
- ▶ All units equipped with linear displacement transducers.
- ▶ Underwriter Laboratory approved electrical controllers with smart relays.
- ▶ Solid lubricant filled slides in place of roller wheels.
- ▶ Patented platform centering devices.
- ▶ Custom designed valve block to provide cylinder isolation and multi-speed operation.
- ▶ Continuous running power units with oil filter.
- ▶ Machine grade single acting cylinders with flooded rods.
- ▶ Double wire braid hoses with JIC fittings.
- ▶ Each unit is washed with phosphoric acid, fully primed & finished with a baked enamel.

FEATURE DETAILS



▶ *Lubricant Filled Slide*



▶ *Machine Grade Cylinder*



▶ *Multi-Speed Valve Block*



▶ *Double Wire Braid Hose*

HIGH CYCLE LIFTS

SPECIFICATION TABLE:

Model	Travel	Capacity	Std. Min. Platform	Opt. Max. Platform	Max. Side Load	Max End Load	Lowered Height	Raised Height	Ship Weight
HC-2518	18"	2,500	36" x 36"	48" X 48"	2,500	2,500	9-1/2"	27-1/2"	1,000
HC-4018	18"	4,000	36" x 36"	48" X 48"	4,000	4,000	10"	28"	1,250
HC-2531	31"	2,500	36" x 48"	48" X 60"	2,500	2,500	9-1/2"	40-1/2"	1,250
HC-4031	31"	4,000	36" x 48"	48" X 60"	4,000	4,000	10"	41"	1,650

STANDARD POWER UNIT: 2HP 230/60/3 CONTINUOUS RUNNING, WHICH PROVIDES A 11.5 FPM SPEED.

OPTIONS:

- ▶ Power units for higher speeds will be quoted to meet customer requirements.
- ▶ Very high cycle applications may require oil coolers.
- ▶ The combination of the smart relay, the linear displacement transducer and variable speed valve block, make it possible to satisfy special positioning requirements at little or no extra cost. Be sure to let us know your needs.
- ▶ Platform sizes and travels beyond those shown in the table above are available. Tell us what you need and we will quote on a unit to meet your specifications.

ONLY ADVANCE LIFTS GIVES YOU WARRANTY CHOICES:

P SERIES LIFTS - 250,000 CYCLES (The longest standard warranty in the industry)

HC SERIES LIFTS - 1,000,000 CYCLES

UHC SERIES LIFTS - 3,000,000 CYCLES



STANDARD P SERIES

Our patented "platform centering device" eliminates the single greatest contributor to lift wear. It greatly increases lift life possibly even doubling or tripling it depending on the application.



ULTRA HIGH CYCLE UHC SERIES

- ▶ Standard positioning accuracy +/-1/4"
- ▶ Optional positioning accuracy to +/- .030"
- ▶ Standard average speed 40 feet per minute.



Our state of the art 120,000 square foot building houses all operations including sales, design, manufacturing and shipping.

ADVANCE LIFTS WARRANTY

For a period of one (1) year from date of shipment from the Company's plant, the Company agrees to replace or repair, free of charge, any defective parts, material or workmanship on new equipment. This shall include electrical and hydraulic components.

For a period of ten (10) years or 250,000 cycles (whichever occurs first) from date of shipment from Company's plant, the Company agrees to replace or repair any defective structure.

Company authorization must be obtained prior to the commencement of any work. The Company reserves the right of choice between effecting repairs in the field or paying all freight charges and effecting the repairs at the Company's plant. The Company further reserves the right of final determination in all warranty considerations. Evidence of overloading, abuse or field modification of units without Company approval shall void this warranty. No contingent liabilities will be accepted.

ADVANCE LIFTS HIGH CYCLE & ULTRA HIGH CYCLE WARRANTY

Structural portion:

High Cycle for a period of ten (10) years or 1,000,000 cycles & Ultra High Cycle for a period of ten (10) years or 3,000,000 cycles (whichever occurs first) from date of shipment from the Company's plant, the Company agrees to replace or repair, any defective parts, material or workmanship in the lift structure. This includes axles, bearings and cylinders, but not cylinder packings.

Power unit portion:

For a period of one (1) year from date of shipment from the Company's plant, the Company agrees to replace or repair any defective parts. This shall include all electric and hydraulic components including cylinder packings.

Company authorization must be obtained prior to the commencement of any work. The Company reserves the right of choice between effecting repairs in the field or paying all freight charges and effecting the repairs at the Company's plant. The Company further reserves the right of final determination in all warranty considerations. Evidence of overloading, abuse or field modification of units without Company approval shall void this warranty. No contingent liabilities will be accepted.

*To receive our complete product line catalog (Lift, Tilt & Turn)
please contact your distributor or call us at 800-843-3625.*

DISTRIBUTED BY:



701 S. Kirk Road
St. Charles, IL 60174
Ph: 1-800-843-3625
Fax: 630-584-9405
www.advancelifts.com