

EH Series Electric Hydraulic Powered Manipulator Systems

The UNIDEX EH Series Electric Hydraulic Powered Manipulator System has been ergonomically designed to provide the greatest durability, versatility, flexibility and safety for your production needs.

STANDARD FEATURES

- Electric hydraulic powered lift system plugs into 110 VAC outlet
- Lift capacities up to 500 lbs.
- Lift stroke: 60"
- Controlled speed
- Articulating arms up to 96" long

EH Series Manipulator Systems are ideal for light to medium duty applications (500 lbs. or less) where a compact, economical solution is required.

Vertical Lifting Columns

Standard floor mounted, electric hydraulic powered lifting columns provide up to 60" of precise, effortless vertical height adjustment. A steel slider rides up and down on two machined rails along a 5" square tubular steel column. Vertical movement is driven by a chain and pulley arrangement. In the unlikely event of power failure, a fail-safe brake prevents the load from being lowered. The column is coated with a powder coated finish.

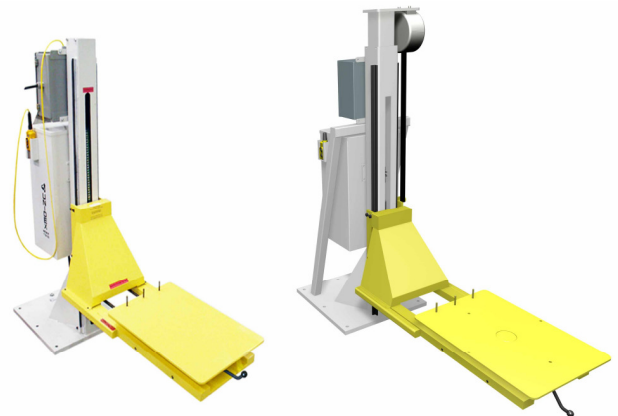
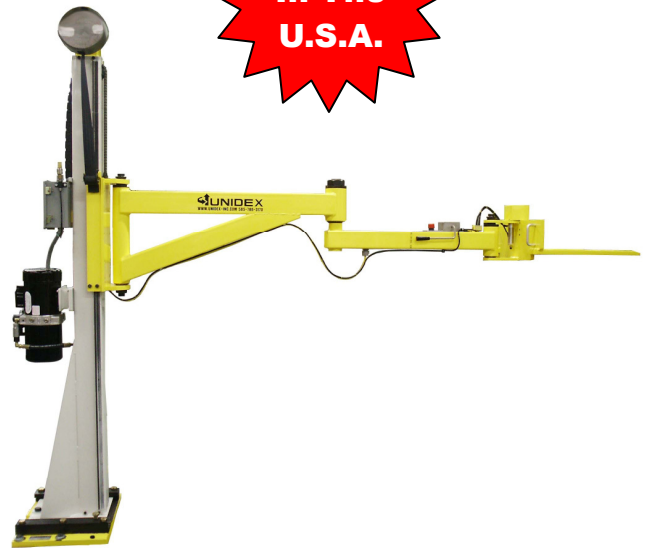
Articulating Arms

Two piece articulating arm styles providing up to 96" of manually guided horizontal reach is available. Arm segments are constructed from tubular steel and finished with an baked-on power coating (safety yellow). Typically the arm's centerline height is specified – depending on the lowest pick-point required. End of arm effectors can pick from the floor if needed. Up to 270 degrees of rotation is available at the pivot point closest to the lifting column. When specifying arm systems, check the drawings, and select the length you'll need for the required reach. Standard arm segments come in lengths of 24", 30", 36", 42" and 48" between pivot points.

Custom Controls & End Effectors

Height adjustment is typically controlled by a push button mounted at the end of the arm or remote hand pendant. UNIDEX can provide manually operated, vacuum, pneumatic and other powered end effectors for practically any application: rolls, sheets, coils, boxes, pails, bags, shafts, frames, spreader beams, vacuum cups or other special designs.

All UNIDEX workstations are designed and manufactured in the USA to exacting quality standards from welded carbon steel construction. Each unit receives a durable, baked-on powder coat finish, and undergoes rigorous quality testing before shipment.



Quantity discounts available. Other custom features available, please call us to discuss your exact needs. Payment can be made using American Express, MasterCard and Visa credit cards.



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