

UM Manipulator Systems

The UNIDEX Overhead Manipulator System has been ergonomically designed to provide the greatest durability, versatility, flexibility and safety for your production needs.

STANDARD FEATURES

- Lift Capacity: 300 lbs. at column centerline
- Lift Stroke: 60"
- Two-speed lifting/lowering:
Slow at 1.6" per second, Fast at 6.4" per second
- Custom end tooling
- Force Required To Move: Approx. 4 lbs.
- Easily customized

OPTIONAL FEATURES

- Higher load capacities
- Turnkey systems offered, includes dual bridge crane
- Custom heights
- Air operated

UNIDEX manipulators provide versatile workplace solutions when mounted overhead. One machine does the work of many by taking advantage of the X and Y axis movement offered by bridge cranes. The UM system requires 2 bridges and 4 trolleys.

The unique design offers reach-in flexibility for machine loading and unloading as well as a capability for stabilizing out of balance loads that can not be matched by a swinging hoist.

The manipulator's round, telescoping lifting column or rigid column permits lift strokes of 60" or more from floor level. These manipulators are customized to fit your application. A wide variety of manual, mechanical and powered end effectors can be attached to the carriage/bolt plate on the vertical column for handling practically any load. Control options include handle mounted and pendant operation.

All UNIDEX manipulators 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.



Pictures show a typical installation on a 12' bridge, other heights can be accommodated. In keeping with our policy of ongoing product improvement, specifications are subject to change without notice.



*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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