LADDER & CAGE SYSTEMS

DEFI's fiberglass ladders and ladder cages are used in a wide range of industries. DEFI's fiberglass ladder and cage systems meet or exceed OSHA requirements and have become the preferred system for use in chemical plants and other corrosive environments. Fiberglass ladder and cage systems are light weight, corrosion resistant, easy to install, will outlast aluminum and steel, and require little or no maintenance.

Applications

- Industrial
- Marine
- Mining
- Chemical
- Oil and Gas
- Power Plants
- Off Shore
- Recreation
- Building Construction
- Water / Wastewater
- Transportation
- Electrical

Benefits

- Lightweight
- Low Maintenance
- Strong
- Easy to Install
- Corrosion Resistant
- Chemical Resistant
- Fire Resistant
- Non Conductive
- Dimensionally Stable

DEFI
STRUCTURAL FIBERGLASS

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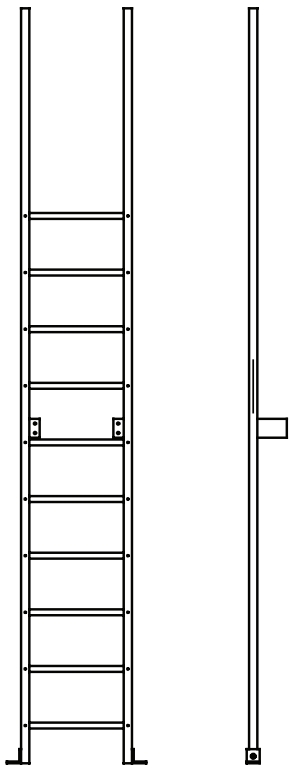
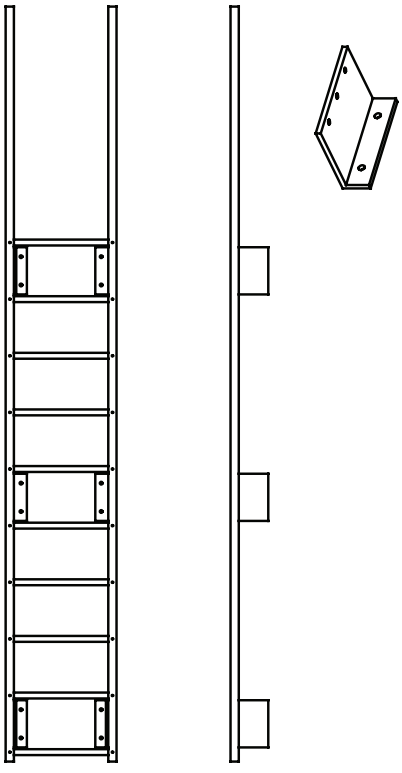
Sizes & Availability

DEFI's ladder and cage systems are designed and fabricated to meet the requirements of OSHA 1910.27. DEFI's ladders are fabricated in various lengths with a standard 18"rung width configuration with 12" rung spacing. Custom colors and custom designed ladders and cages can be fabricated upon request. Ladders can be shipped pre-assembled or as a kit for installation in the field.

Access Ladder with Walkthru
Base Mounted with Wall Brackets



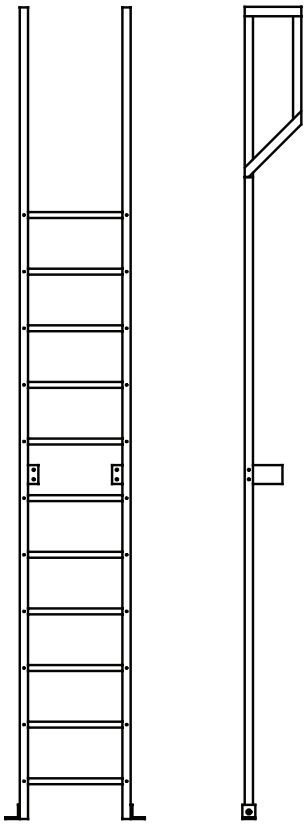
Access Ladder with Walkthru
Heavy Duty Wall Brackets



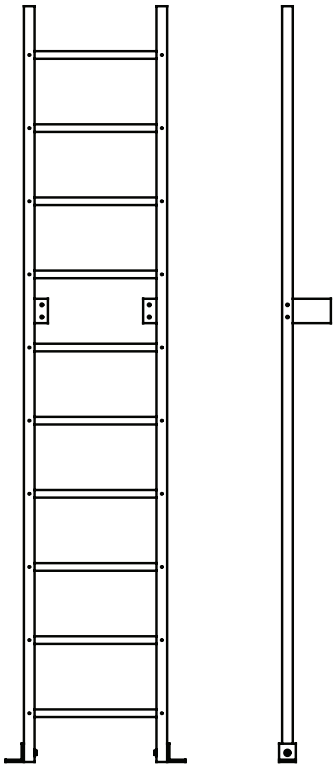
Materials of Construction

DEFI's fiberglass ladders and cage systems are constructed from pultruded shapes produced using a premium grade polyester resin system with flame retardant and ultraviolet (UV) inhibitor additives. For extremely corrosive environments an optional vinyl ester resin system is available. Side rails and cages are pigmented OSHA safety yellow. The rungs are a pultruded fiberglass fluted tube or a solid rod with non-skid surface.

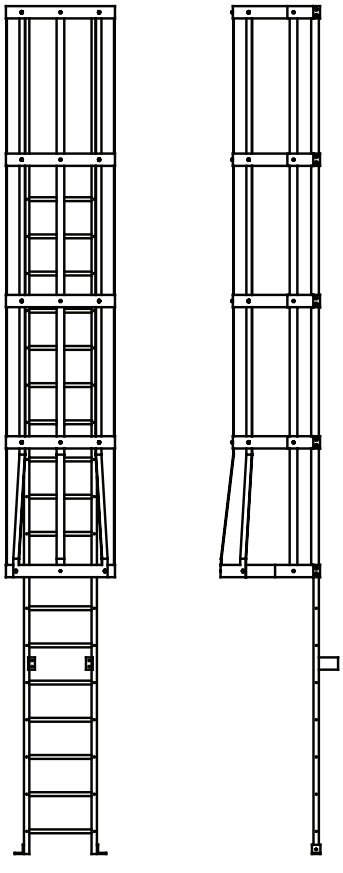
Access Ladder
with Walkthru and Return



Standard Access Ladder
Base Mounted with Wall Brackets



Walkthru Ladder with Cage
Base Mounted with Wall Brackets



STANDARD SPECIFICATIONS AND AVAILABLE OPTIONS

LADDER

Standard ladders are constructed with 1 ¾''x ¼'' square tube side rails and 1 ¼'' fluted tube for rungs. Heavy duty 2'' x ¼'' side rails and solid 1'' gritted rungs are also available.

CAGE

If a ladder cage is required the starting height will be between 7' and 8' as required by OSHA. The cage can be shipped attached to the ladder or loose as a kit. Exit method will be determined by customer.

RESIN SYSTEM

The standard resin system for ladders and cages is flame retardant polyester. A vinyl ester resin system is available upon request.

COLOR

Standard DEFI ladders feature OSHA safety yellow side rails, rungs, and cages. Custom colors are available upon request.

PAINTING

Painting for both ladders and cages is available upon request.

CUSTOM SOLUTIONS

In addition to our standard configurations custom sized ladders, cages and mounting brackets are also available. Contact us today for a quote.

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