

Better by Design

H-20 HEAVY DUTY ALUMINUM HATCHES



Syracuse Castings

Better By Design

Designing A Safer Public World

H-20 Aluminum Hatches are designed to stand up to heavy use – strong enough to handle the weight of truck traffic.

Syracuse Castings builds products that are “Better by Design.” Our engineers are in the field listening to what you say about the form, function and maintenance of our products. We incorporate what we have learned into our designs so that our products will provide years of operation.

Better Products

Our field knowledge is extensive and we pay attention to operational detail. This positions our engineering staff to anticipate and then manufacture products that lead the market.

Some of our standard features include:

- Heavy Duty hatches designed per AASHTO H-20, backed by proper engineering calculations
- Heavy Duty stainless steel lift handles (no more cheap aluminum handles breaking)
- Heavy Duty stainless steel hinges with a heavy duty 3/8" stainless steel hinge pin (a key feature for longevity and service)
- Heavy Duty stainless steel slam lock plugs (no more plastic plugs breaking off)

- Optional “Safety Sure Grip” for slip resistance, in conformance with the American Disability Act (ADA) standard
- Optional recessed clip for improved 9/11 security needs

Better Processes

Our experienced staff provides you timely quotes, drawings and answers to your questions. You will discover our commitment to customer service from your first call to us.

State-of-the-Art Manufacturing

We strive for continuous improvement in all of our manufacturing processes. Lean manufacturing techniques translate into savings for our customers and improved lead times. Try us and you will see the difference “Better by Design” makes.

Call today, 800-999-2601.

Our standard heavy duty features are designed for years of service.

Safety Sure Grip
Optional
Slip resistant per
American Disability Act
(ADA) standard



Slam Lock Plug
Stainless Steel
Heavy Duty



Lift Handle
Stainless Steel
Heavy Duty



Lift Hinges and Hardware
Stainless Steel
Heavy Duty 316



Padlock Clip
Optional, recessed clip for improved 9/11 security needs



Easy to Maintain

**Reinforcement Design
Heavy Duty
Properly calculated
for AASHTO H-20**



Technical Specifications

- Material shall be 6061-T6 aluminum for bars, angles, and extrusions.
1/4" diamond plate shall be 5086 aluminum.
- Unit designed Heavy Duty, for H-20 wheel loads, where not subject to high density traffic.
- Unit supplied with a Heavy Duty stainless steel spring, for ease of operation when opening cover. Cover shall be counterbalanced, so one person can easily open the hatch door.
- All hardware shall be stainless steel.
- Hinges shall be of Heavy Duty design. Material shall be Grade 316 stainless steel. Each hinge shall have a Grade 316 stainless steel, 3/8"-diameter hinge pin. Hinge shall be fastened to the channel frame and diamond plate with Grade 316 stainless steel bolts and NY-lock nuts.
- Aluminum shall be supplied with mill finish. Exterior of frame which comes in contact with concrete shall have one coat black primer.
- Each hatch cover shall be equipped with a Heavy Duty stainless steel lift handle. Lift handle shall be flush with top of 1/4" diamond plate.

Syracuse Castings was established in 1971. We design and manufacture cast iron and fabricated access products for the construction industry.

Syracuse Castings is committed to serving others in their efforts to create a safer public world.

Hydraulic Lift Spring Heavy Duty, Stainless Steel

- Ease of operation when opening the cover
- Hatch is easy to install and retrofit in concrete because of the horizontal installation of the spring unlike vertically installed mechanical springs which require a 12" slab thickness
- Operation is safer—no “rocket springs” to fail
- Easy to maintain. Springs can be changed in minutes unlike mechanical springs. (Just ask your maintenance people.)

With a state-of-the-art manufacturing facility and our innovative products, our customer-focused sales organization is committed to creating a safer public world through the best product designs, manufacturing and service.

**Optional
Safety Chain**



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