



HMH

HARRIMAN MATERIAL HANDLING

BELOW THE HOOK DEVICES

CUSTOM DEVICES

COATINGS



THERMOSTAT HOUSING LIFTER

Easily adjustable twin bails allow parts with varying centers of gravity to hang level with one fixture. Retained locking pins always remain in fixture.



ROTATING FORK ATTACHMENT

Operator can safely lift one side of a trailer for assembly of wheels. Rotating center hitch allows a fork truck to lift one side of the trailer without need for additional powered equipment.



BEAM SADDLE ADAPTER

Adapters were designed to slide over and lock onto an existing lifting beam. This allowed the lifting beam to be more versatile. The additional pick points achieved a more secure and balanced load.



FIXTURE STORAGE CART

This custom cart is used to store lifting device when not in use. Work areas can now be kept tidy. The life of the fixtures can be extended when they are not left on a factory floor. Carts can be made to fit virtually any custom or standard lifting fixtures or beams.



CUSTOM RIGGING EQUIPMENT

When standardized rigging is not possible, a new design may be needed to lift difficult products. This custom sling adapter makes possible this part to be lifted while allowing the sling to reach around top edge. The threaded bolt is retained and will not fall out and be lost.



ENGINE BLOCK LIFTER

Machine clamping can make it difficult for parts to be lifted. This fixture located around machine equipment to locate on part. This one hand operation allows the operator more control over the lift. Bronze and plastic bumper pads keep the part from being damaged.



BLACK OXIDE

Oxide treatment provides a deep black penetrating finish that is resistant to corrosion. This treatment adds minimal change to the dimension of parts, and adds an economical and attractive finish that does not chip.



POWDER COATING

Powder coating offers a durable finish that is even more resistant to corrosion and scratching. This coating provides an attractive and vibrant finish, and is available in virtually any color, safety yellow shown.



RUBBER COATING

A rubber finish adds a flexible and durable coating that won't chip. Coating thickness can be easily controlled and protects parts that may contact the fixture. Rubber coating can also be used to reduce noise and vibrations during use of the lifting device.

DESIGN SPECIFICATIONS

Design Category and Service Class are dependent on the specific use. Duty cycle and loading environments affect the service life of the lifting fixture. Material sizing and component selection are used in accordance to ASME standards to properly design and engineer each fixture to its application. If you need assistance identifying what category your lifter falls under, call 800.203.9176 to speak to one of our Below the Hook experts.

DESIGN CATEGORY | Determined by variation of the load.

CATEGORY	CLASSIFICATION
A	Magnitude and variation of loads applied to the lifter are predictable. Loading and environmental conditions are accurately defined or not severe.
B	Magnitude and variation of loads applied to the lifter are <i>not</i> predictable, where the loading and environmental conditions are <i>not</i> accurately defined or severe.

SERVICE CLASS | Determined by frequency of use.

CYCLES/DAY	DESIRED LIFE (YEARS)				
	1	5	10	20	30
5	0	0	0	1	1
10	0	0	1	1	2
25	0	1	1	2	2
50	0	1	2	2	3
100	1	2	2	3	3
200	1	2	3	3	4
300	2	3	3	4	4
750	2	3	4	4	4
1,000	2	3	4	4	4

All engineering will be performed by a licensed engineer. The device will meet or exceed our interpretations of the ANSE, ASME, OSHA and AWS codes and standards. This includes ASME standard B 30.20. All lifters are designed and built to design category “B” and service class “2” unless otherwise specified.

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