



COMPRESSOR SHELL GRAB LIFTER



CUSTOM ADJUSTABLE SPREADER BEAM



WHEEL LIFTER



CUSTOM HOOK LIFTER



ENGINE HEAD LIFTER



POWERED BOX LIFTER/EJECTOR



8-PAD VACUUM LIFTER



C-HOOK

BELOW THE HOOK DEVICES



CUSTOM DEVICES

COATINGS



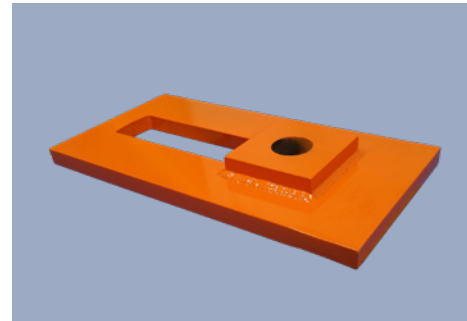
THERMOSTAT HOUSING LIFTER

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.



LUG ADAPTOR

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 achieve a more secure and balanced load.



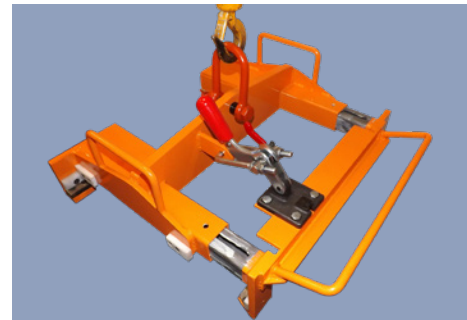
FIXTURE STORAGE CART

A custom cart used to store lifting devices when not in use, keeping work areas tidy and extending the life of the fixtures. Carts can be made to fit virtually any custom or standard lifting fixtures or beams.



4-POINT SLING

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



ENGINE BLOCK LIFTER

Machine clamping can make it difficult to lift irregularly shaped equipment like engine blocks. The Engine Block Lifter's custom design allows the device to slip around and underneath the load with ease. The one-handed design allows the operator more control. Bronze and plastic bumper pads keep the part safe.



BLACK OXIDE

Penetrating oxide treatment provides a deep black finish that's resistant to corrosion. This treatment adds minimal change to the dimension of parts, providing an economical and attractive finish that won't chip.



POWDER COATING

Powder coating offers a durable finish that's resistant to corrosion and scratching. The result: an attractive, vibrant finish available in virtually any color (shown: safety yellow).



RUBBER COATING

A rubber finish adds a flexible and durable coating that won't chip. Coating thickness is easily controlled, and provides protection for any parts that contact the fixture. Rubber coating also can reduce noise and vibration during use.



DESIGN SPECIFICATIONS

DESIGN CATEGORY

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 888.544.2121 to speak to one of our Below the Hook experts.

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 not predictable, where the loading and environmental conditions are not accurately defined or severe.

SERVICE CLASS

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.

	DESIRED LIFE (YEARS)				
CYCLES/DAY	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

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