



SHEET LIFTERS

SECTION

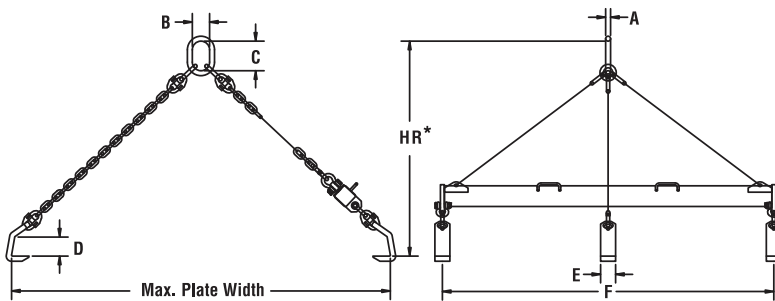


PL PLATE LIFTER

The Plate Lifter provides a quick and easy solution for handling thick plates, one at a time. Simply position the Plate Lifter over your load, check to see that the hooks are engaged and lift.

PRODUCT FEATURES

- Rugged-chain rigging.
- Heavy duty plate hooks.
- Design allows for easier crane alignment.
- Steel spreader stabilizes two hooks.
- Complies with ASME standards.



SPECIFICATIONS

Model Number	Rated Capacity (tons)	Dimensions (inches)							Max. Plate Width (in.)	Weight (lbs.)
		A	B	C	D	E	F	HR		
PL5	5	1	3.5	6	3	2.3	84	58	96	185
PL10	10	1.25	4.38	7.5	5	3.8	84	58	96	320

* Headroom at maximum plate width.

HSL HEAVY DUTY SHEET LIFTER

PRODUCT FEATURES

- Versatile handling of bundles, sheets, plates and other materials stacked horizontally.
- Low headroom design for optimum lifting capabilities.
- One person operation minimizes handling cost.
- Self-locking worm gear drive for leg adjustment is standard.
- Easy adjustment for different sheet widths.
- Rack and pinion leg drive.
- Designed for ease of maintenance.
- Designed for greater sheet width range.
- Complies with ASME standards.

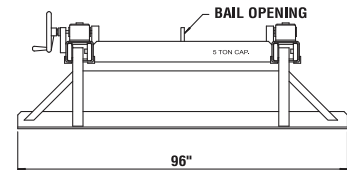
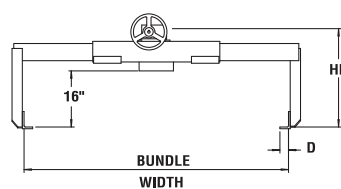
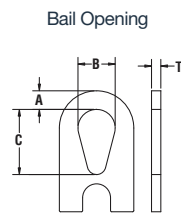


PRODUCT OPTIONS

- Hand wheel lockout.
- Motorized leg adjustment.
- Chain-wheel leg adjustment.
- Extended length hand wheel leg adjustment.
- End chains with plate hooks (recommended for all widths 72" and greater).
- Extended grab shoe lengths available.
- Additional bundle clearance available (longer legs).

WARNING

DO NOT LIFT LOOSELY BUNDLED, THIN OR OILY SHEETS



SPECIFICATIONS

Model Number	Capacity (tons)	Dimensions (inches)								Weight (lbs.)	
		Bundle Width		HR Headroom	Shoe D	Min. Aisle	Bail Opening				
		Min.	Max.				A	B	C		T
HSL348	3	16	48	28	2.63	9	1.5	3	5	.75	920
HSL360		16	60								
HSL372		16	72								
HSL548	5	16	48	29	2.63	9	2	4	6	1	1125
HSL560		16	60								
HSL572		16	72								
HSL584		16	84								
HSL596	16	96	1550								
HSL1048	10	16	48	30	3.5	11	2	4	7	1.5	1510
HSL1060		16	60								
HSL1072		16	72								
HSL1084		16	84								
HSL1096		16	96								
HSL1548	15	16	48	32	3.5	12	2.5	5	9	1.5	1570
HSL1560		16	60								
HSL1572		16	72								
HSL1584		38	84								
HSL1596		38	96								

Other sizes available, consult factory.

SBSL SMALL BUNDLE SHEET LIFTER

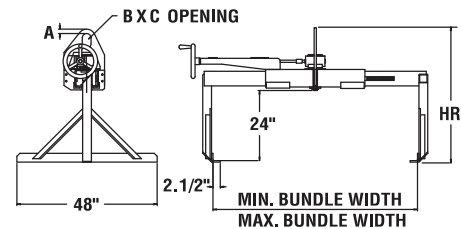
PRODUCT FEATURES

- Standard light duty unit for handling smaller size sheets and bundles.
- Size and versatility allows for handling of crates, bins and other smaller size containers.
- Side oriented extended length hand wheel adjustment standard.
- Self locking worm gear leg drive system.
- Complies with ASME standards.



SPECIFICATIONS

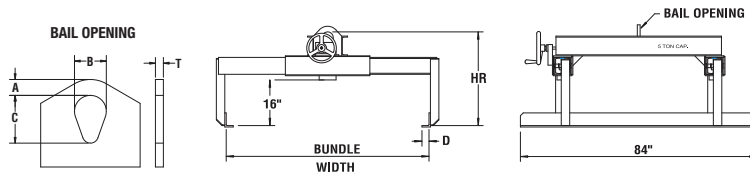
Model Number	Capacity (tons)	Dimensions (inches)							Weight (lbs.)
		Bundle Width		Min. Aisle	A	B	C	HR Headroom	
Min.	Max.								
SBSL1536	1-1/2	12	36	8	1-1/2	3	8	42	512
SBSL1548	1-1/2	16	48						525
SBSL348	3	16	48	8	1-1/2	5	8	44	670
SBSL360	3	20	60						736
SBSL548	5	16	48	8	2	7	8	52	750
SBSL560	5	20	60						763



SSL STANDARD DUTY SHEET LIFTER

PRODUCT FEATURES

- Lightweight.
- Channel steel construction.
- 84" grab shoe length.
- Complies with ASME standards.



SPECIFICATIONS

Model Number	Capacity (tons)	Dimensions (inches)									Weight (lbs.)
		Bundle Width		HR Headroom	Shoe D	Min. Aisle	Bail Opening				
		Min.	Max.				A	B	C	T	
SSL236	2	15	36	29	2-1/2	8	1-1/2	3	5	3/4	510
SSL248		20	48								
SSL260		24	60								
SSL548	5	20	48	32	2-5/8	8	2	4	6	1	670
SSL560		24	60								
SSL572		30	72								
SSL7548	7-1/2	20	48	34	2-1/2	10	2	4	6	1	840
SSL7560		24	60								
SSL7572		30	72								

Other sizes available, consult factory.

APPLICATION EVALUATION — SHEET LIFTERS

BUNDLE INFORMATION:

Bundle Dimensions:

Minimum: Length _____ Width _____ Height _____ Weight _____

Maximum: Length _____ Width _____ Height _____ Weight _____

Specify material being lifted: _____

Is the bundle palletized? Yes No If yes, specify pallet size: _____

Sheet Condition: Dry Oily Banded Loose

ADDITIONAL INFORMATION:

Please provide the model and/or serial number if this is to replace an existing CM Cadly lifter: _____

Operation Required Motorized Manual

If motorized, please specify DC AC Voltage _____ Phase _____ Cycle _____

Pendant Required Yes No

Should the controls be shipped loose for field mounting? Yes No

Please provide duty cycle of lifter (lifts per hour and hours per day used): _____

Please provide Crane Classification (A, B, C, D, E, F): _____

Please use the space below to provide additional application information or options required.

For example: headroom issues, space restrictions, lifter restrictions or options such as a chainwheel or end chains.

Contact: _____

Company: _____

Address: _____

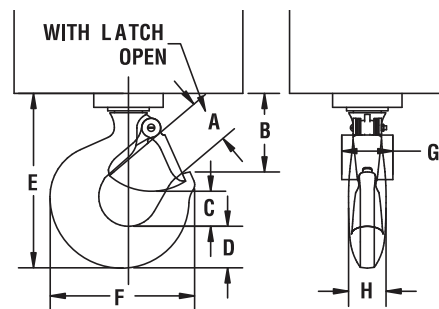
City, State, Zip: _____

Phone: _____

Fax: _____

Email: _____

CRANE HOOK DATA:



INCHES

- A _____ +0
- B _____ +0
- C _____ +0
- D _____ -0
- E _____ -0
- F _____ +/-
- G _____ -0
- H _____ -0

Measurement Tolerances

- +0 = Measurement should be no larger but can be smaller than actual.
- 0 = Measurement should be no smaller but can be larger than actual.
- +/- = Measurement can be larger or smaller than actual.

CARE & USE

Below-The-Hook Lifters by CM Cady have been designed for specific tasks to withstand the particular forces imposed. Guidelines for installation, inspection, maintenance and repair, safe operation and operator training of these lifters follow:

INSTALLATION

Below Hook Lifters shall be assembled and installed in accordance with the manufacturer's instructions, unless other specific arrangements have been approved in writing by manufacturer. When lifter/auxiliary power supply is required, user inspection shall ensure that the power source complies with ANSI/NFPA 70, National Electrical Code and shall include a power disconnect switch as required in accordance with ANSI/NFPA 70 based on the lifters requirements. If electrical connections are made, the power supply and corresponding power disconnects shall be connected to the line side (power supply side) of the crane disconnect or to an independent circuit as specified in the manufacturer's instruction manual.

Check for correct rotation of all pumps and power units, lubrication of moving parts, and filling of reservoirs, all in accordance with manufacturer's instructions.

OPERATOR TRAINING

Lifters shall be operated in accordance with manufacturer's instruction manual, and by personnel who have received instructions described in the "Operating Practices" section of these guidelines. Training shall also include instruction regarding:

1. Details of the lifting cycle.
2. Application of the lifter to the load including (according to the manufacturer's instructions) adjustments to the lifter, if any, to adapt it to various sizes and kinds of loads.
3. Instruction in any special operations or precautions that may be required.
4. Recognition of proper load configuration. For example, preferred operation requires an orderly pattern of stacking.
5. Before assuming responsibility for using the lifter, an operator shall demonstrate his understanding of the lifting procedure to the instructor. The instructor should record notes of operator's demonstrated ability

INSPECTION

The lifter shall be visually inspected by or under the direction of an appointed person on a daily or weekly schedule depending on the nature of the lifter and the severity of the service.

Details to look for include but are not limited to:

1. Structural deformation.
2. Cracks in the structural frame, welds, hoist hook attachment points, mechanically operating parts, any attached slings, clevises and hooks.
3. Malfunctions during operation of a mechanically operating lifter.
4. Loose covers, fasteners and stops.
5. Faulty operation of automatic hold and release mechanisms.
6. Wear of hoist hooking points, load supporting clevises, pins, slings, linkages and mechanical parts.
7. Missing nameplates and markings. Contact CM Cady for replacements.

MAINTENANCE & REPAIRS

1. A preventive maintenance program should be established for each lifter by a qualified person based on recommendations made by its manufacturer.
2. A qualified person should have responsibility for repairs. Dated records and details of repairs and parts replacement should be carefully maintained by a qualified person, and copies kept in your possession.
3. Replacement parts shall be at least equivalent to the original manufacturer's specifications.

MODIFICATIONS OR REPAIRS PERFORMED ON YOUR LIFTING EQUIPMENT WITHOUT PRIOR WRITTEN APPROVAL FROM **CM CADY** VOIDS YOUR WARRANTY. REFER TO ASME STANDARDS FOR INFORMATION REGARDING THE LIABILITY OF REPAIRED OR MODIFIED LIFTERS.

CARE & USE

OPERATING PRACTICES

DO's

1. The operator shall receive, read and understand the manufacturer's instruction manual.
2. The operator shall watch carefully that the lifter is performing properly during the lifting procedure.
3. The operator shall know the standard crane hand signals.
4. The operator shall only respond to signals from an appointed person. However, stop signals from anyone shall be obeyed.
5. The operator shall notify a designated person when he considers a load to be unsafe.
6. The operator shall inspect the lifter before using. Any defect observed shall be examined by a qualified person to determine if it is a hazard.

DON'Ts

1. The operator shall not operate a malfunctioning lifter or one with an "out of service" tag attached.
2. The operator shall not use the lifter for any purpose(s) other than those designated by the manufacturer's instruction manual.
3. The operator shall not use a lifter when the capacity, weight or product safety labels are missing or are no longer legible.
4. No one shall make alterations or modifications to lifters without consulting the manufacturer.
5. No one shall obscure or paint over the manufacturer's capacity, weight, or safety markings.
6. Loads shall not be lifted higher than necessary or be left suspended unattended.
7. The lifter shall not lift a load that is not properly balanced for safe lifting.

HANDLING THE LOAD

1. The lifter shall not be loaded in excess of its rated load.
2. The combined weight of the lifter and load shall not exceed the rated load of the crane or hoist.
3. The lifter shall be applied to the load in accordance with the manufacturer's recommended operating procedure.
4. Lifter ropes and chains shall not be kinked, and multiple part lines shall not be twisted about each other.
5. The lifter shall not touch obstructions during load movement.
6. The lifter shall not be loaded with loose material that might fall during movement.
7. The operator or other personnel shall not place themselves or any part of their bodies beneath suspended loads.
8. The load or lifter shall not be slid on the floor or other surface.
9. The lifter shall not be used for loads for which it is not designed.
10. If suspended loads are moved manually, they shall be pushed, not pulled.
11. A preliminary lift of a few inches shall be made to establish that the load is stable.
12. All loads shall be accelerated and decelerated smoothly and slowly.

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