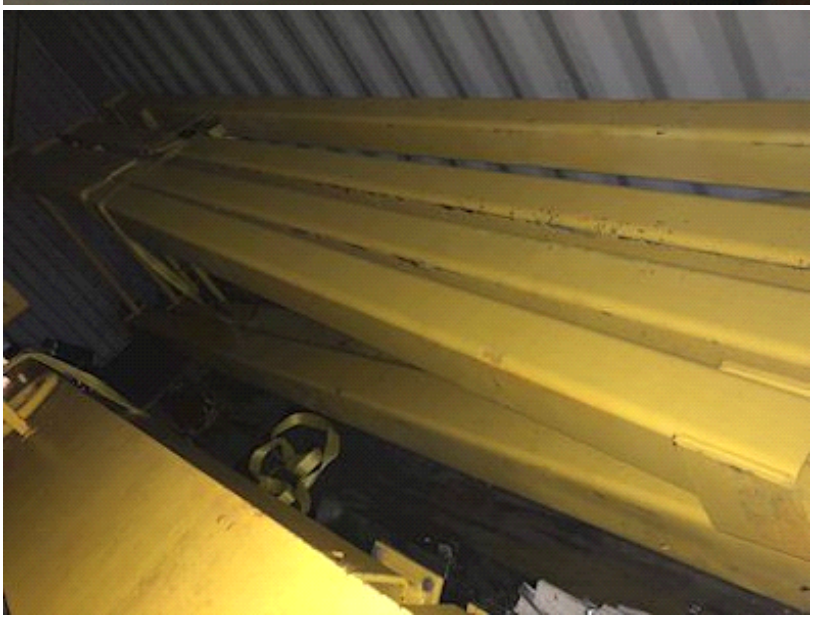
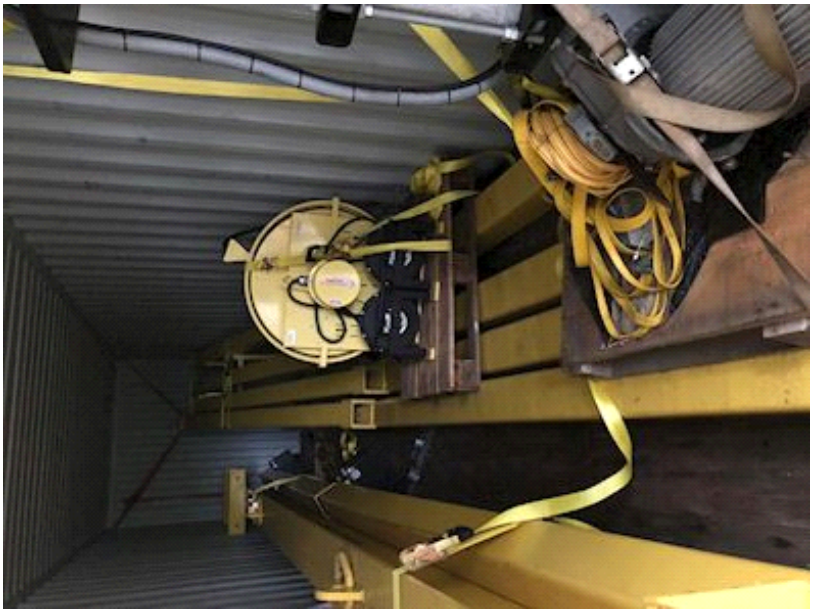
Portal Gantry Crane, Crane

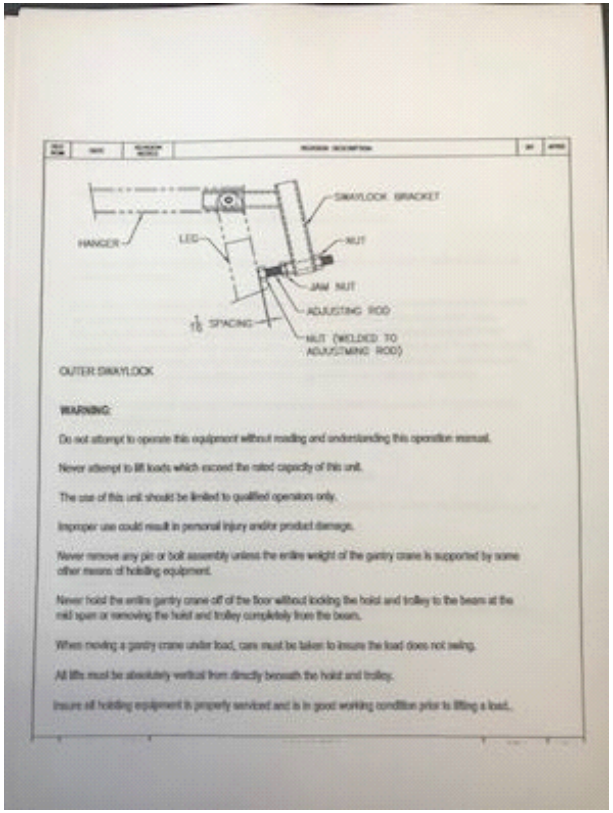
Basis	
Type	Crane
Aksel	-
Stand	As new

Registrering	
Årgang	2014


CONDUCTIX
WAMPFLER







OUTER SWAYLOCK

WARNING:

Do not attempt to operate this equipment without reading and understanding this operation manual.

Never attempt to lift loads which exceed the rated capacity of this unit.

The use of this unit should be limited to qualified operators only.

Improper use could result in personal injury and/or product damage.

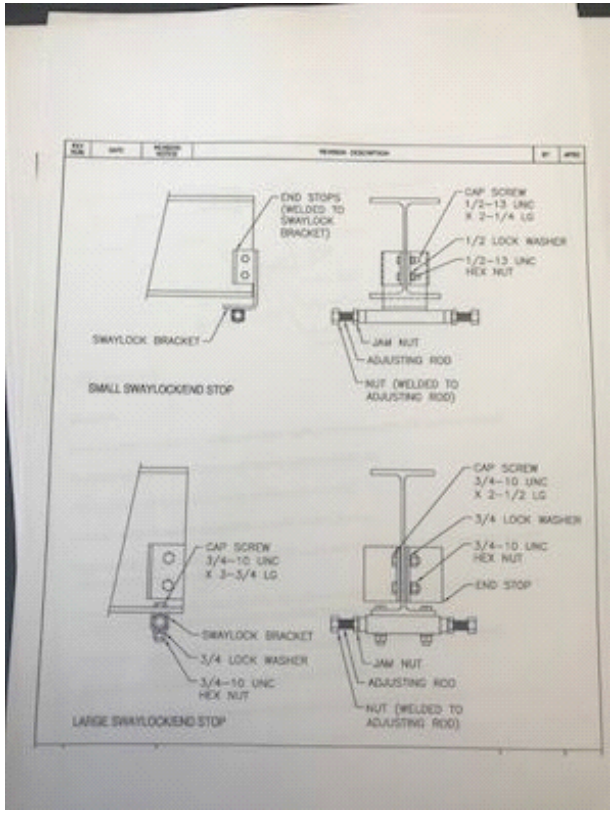
Never remove any pin or bolt assembly unless the entire weight of the gantry crane is supported by some other means of hoisting equipment.

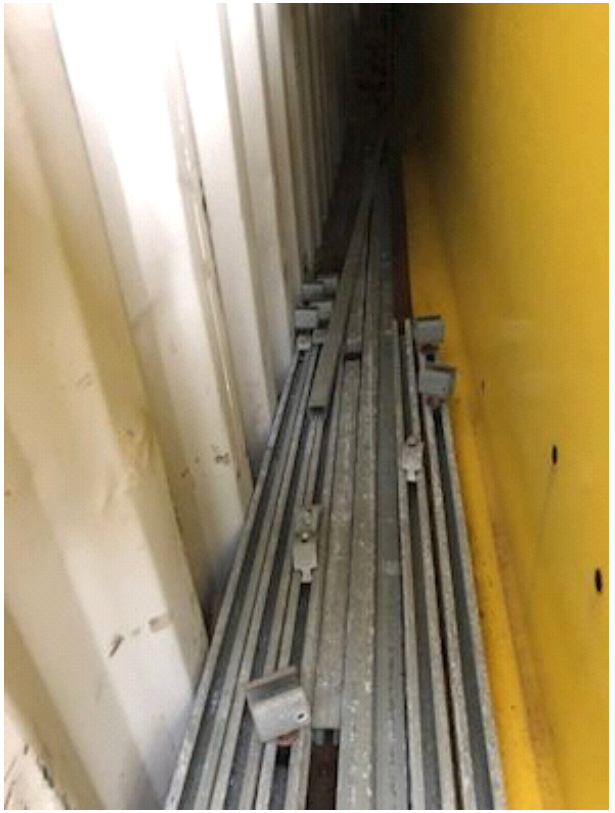
Never hoist the entire gantry crane off of the floor without locking the hoist and trolley to the beam at the mid span or removing the hoist and trolley completely from the beam.

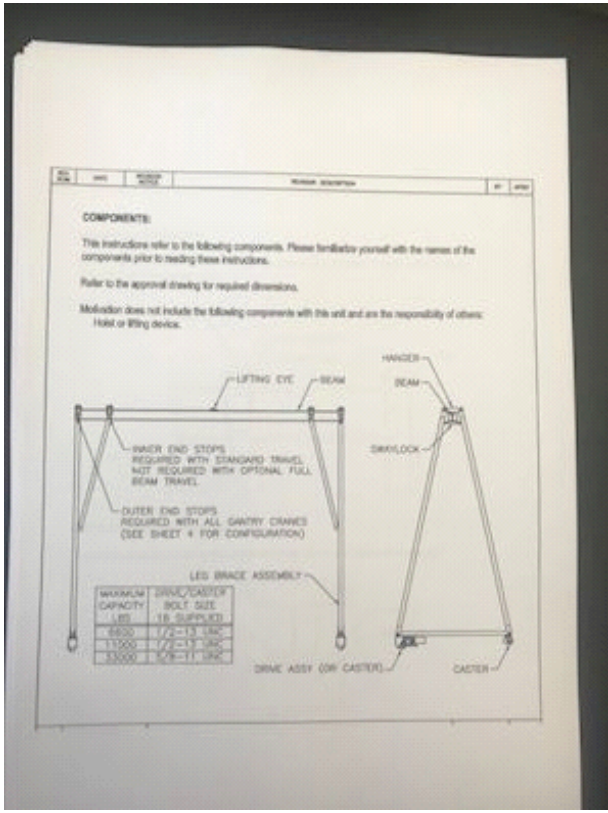
When moving a gantry crane under load, care must be taken to insure the load does not swing.

All lifts must be absolutely vertical from directly beneath the hoist and trolley.

Insure all hoisting equipment is properly serviced and is in good working condition prior to lifting a load.







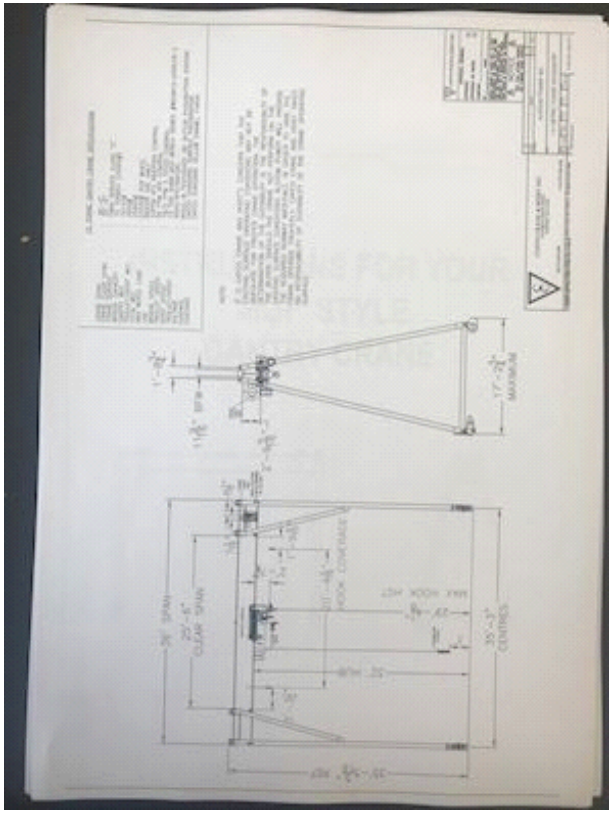
COMPONENTS:

This instructions refer to the following components. Please familiarize yourself with the names of the components prior to reading these instructions.

Refer to the approval drawing for required dimensions.

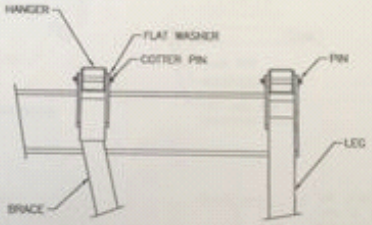
Motivation does not include the following components with this unit and are the responsibility of others:
Hoist or lifting device.

MAXIMUM CAPACITY LBS	DRIVE/CASTER BOLT SIZE (IS SUPPLIED)
6800	1/2-13 UNC
11000	1/2-13 UNC
13000	5/8-11 UNC



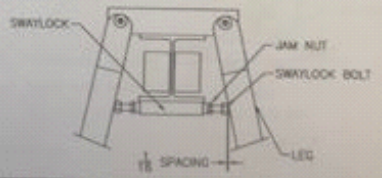
HANGER/LEG CONNECTION:

Do NOT tighten these connections. To allow the gantry to be able to flex correctly during travel, the connection pins must remain loose.

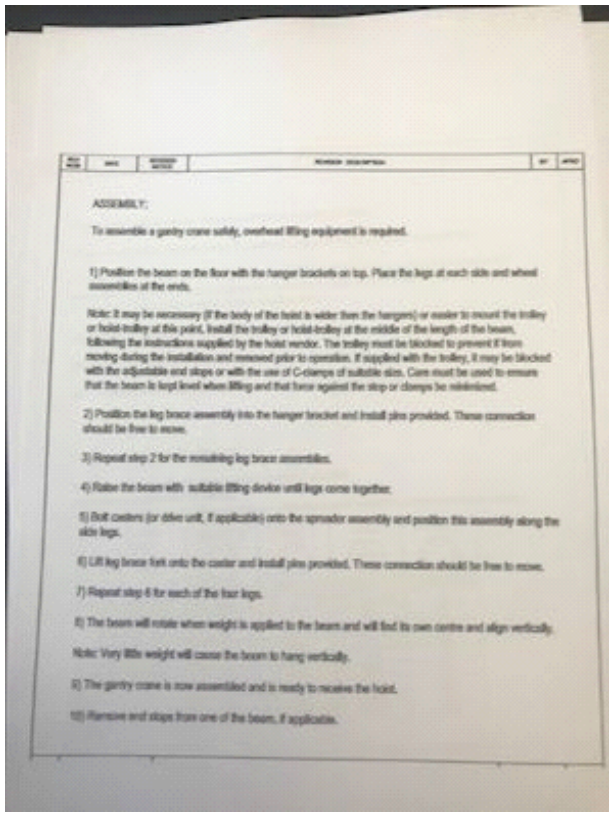


SWAYLOCK ADJUSTMENT DETAIL:

Adjust the swaylocks to have the spacing shown below. Do not over tighten the swaylocks.



INSTRUCTIONS FOR YOUR 'MGF' STYLE GANTRY CRANE



ASSEMBLY:

To assemble a gantry crane safely, overhead lifting equipment is required.

1) Position the beam on the floor with the hanger brackets on top. Place the legs at each side and wheel assemblies at the ends.

Note: It may be necessary (if the body of the hoist is wider than the hangers) or easier to mount the trolley or hoist-trolley at this point. Install the trolley or hoist-trolley at the middle of the length of the beam, following the instructions supplied by the hoist vendor. The trolley must be blocked to prevent it from moving during the installation and removed prior to operation. If supplied with the trolley, it may be blocked with the adjustable end stops or with the use of C-clamps of suitable size. Care must be used to ensure that the beam is kept level when lifting and that force against the stop or clamps be minimized.

2) Position the leg brace assembly into the hanger bracket and install pins provided. These connection should be free to move.

3) Repeat step 2 for the remaining leg brace assemblies.

4) Raise the beam with suitable lifting device until legs come together.

5) Bolt casters (or drive unit, if applicable) onto the spreador assembly and position this assembly along the side legs.

6) Lift leg brace fork onto the caster and install pins provided. These connection should be free to move.

7) Repeat step 6 for each of the four legs.

8) The beam will rotate when weight is applied to the beam and will find its own centre and align vertically.

Note: Very little weight will cause the beam to hang vertically.

9) The gantry crane is now assembled and is ready to receive the hoist.

10) Remove end stops from one of the beam, if applicable.

CAPCO CRANE & HOIST Inc.
Sales, Service & Installations

125% LOAD TEST REPORT

CUSTOMER	ALSTOM POWER	LOCATION & ID #	PORT OF PROVIDENCE
CAPACITY	15 METRIC TON	TEST LOAD WT	41,250 LBS
HOIST MFG	SHAW-BOX	HOIST SERIAL #	633364WE
CRANE MFG	MOTIVATION	CRANE SERIAL #	MFG1100038E

CRANE TYPE: [ ] BRIDGE CRANE [ ] JIB CRANE [ ] MONORAIL [X] GANTRY CRANE

TROLLEY TYPE: [X] ELECTRIC [ ] MANUAL

SYSTEM VOLTAGE: [X] 460V-3Ø-60Hz [ ] 230V-3Ø-60Hz [ ] 575V-3Ø-60Hz

	PASS	FAIL	COMMENTS
HOIST LIFT	X		
UPPER LIMIT	X		
HOIST LOWER	X		
HOLDING BRAKE	X		
TROLLEY TRAVEL	X		
CRANE TRAVEL	X		
RUNWAY	X		
END STOPS	X		
STRUCTURE	X		
TEST RESULTS	X		

TEST METHOD: [X] CERTIFIED WEIGHT [ ] OTHER _____

TECHNICIAN: _____ DATE: 1/7/16
WITNESS: _____ DATE: _____

This is to certify that the above system has been Load Tested per ANSI, CMAA & OSHA Specifications.

58 Forest Ridge Drive, Rowley MA 01969
Tel. (978) 948-2998 Fax (978) 948-2294

CMAA

CAPCO CRANE & HOIST Inc.
Sales, Service & Installations

100% LOAD TEST REPORT

CUSTOMER	ALSTOM POWER	LOCATION & ID #	PORT OF PROVIDENCE
CAPACITY	15 METRIC TON	TEST LOAD WT	33000 LBS
HOIST MFG	SHAW-BOX	HOIST SERIAL #	633364WE
CRANE MFG	MOTIVATION	CRANE SERIAL #	MFG1100038E

CRANE TYPE: [ ] BRIDGE CRANE [ ] JIB CRANE [ ] MONORAIL [X] GANTRY CRANE

TROLLEY TYPE: [X] ELECTRIC [ ] MANUAL

SYSTEM VOLTAGE: [X] 460V-3Ø-60Hz [ ] 230V-3Ø-60Hz [ ] 575V-3Ø-60Hz

	PASS	FAIL	COMMENTS
HOIST LIFT	X		
UPPER LIMIT	X		
HOIST LOWER	X		
HOLDING BRAKE	X		
TROLLEY TRAVEL	X		
CRANE TRAVEL	X		
RUNWAY	X		
END STOPS	X		
STRUCTURE	X		
TEST RESULTS	X		

TEST METHOD: [X] CERTIFIED WEIGHT [ ] OTHER _____

TECHNICIAN: _____ DATE: 1/7/16
WITNESS: _____ DATE: _____

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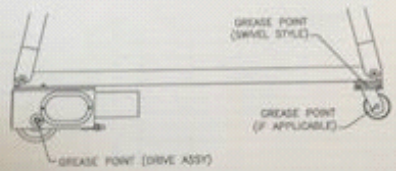
CMAA

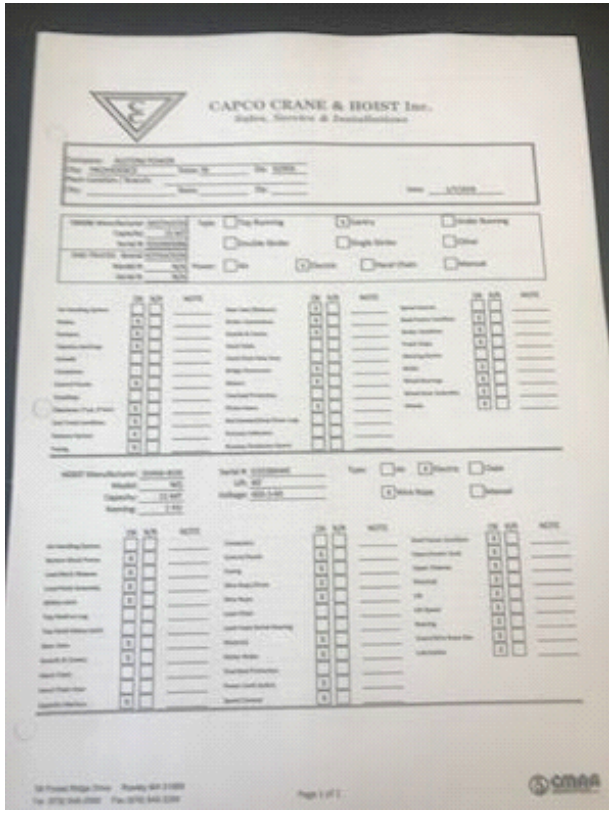
MAINTENANCE:

1) It is recommended that the operator conduct a thorough visual inspection of all joint connections once per month, checking for wear and looseness.

2) It is recommended that the casters be lubricated at least every six months.

3) The electrical panels (if applicable) should be periodically opened and inspected for dirt that may cause arcing and that the connections remain tight.





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