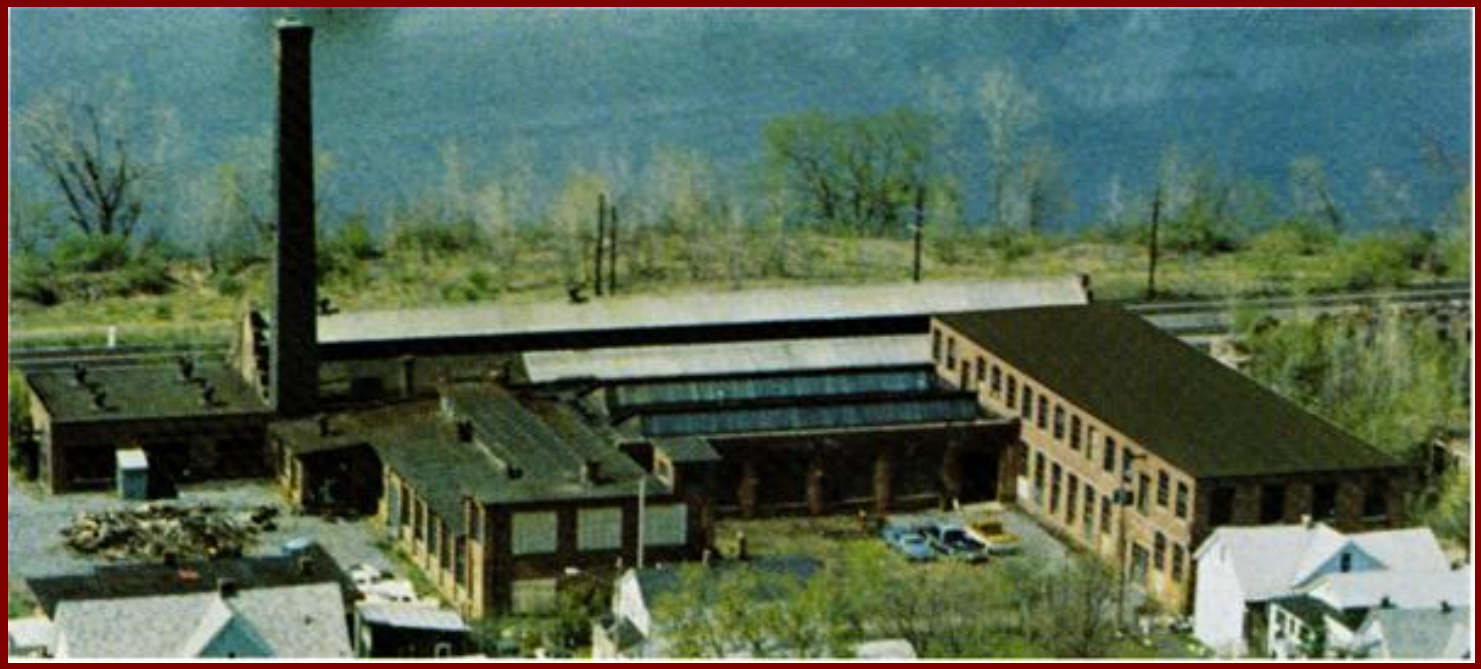
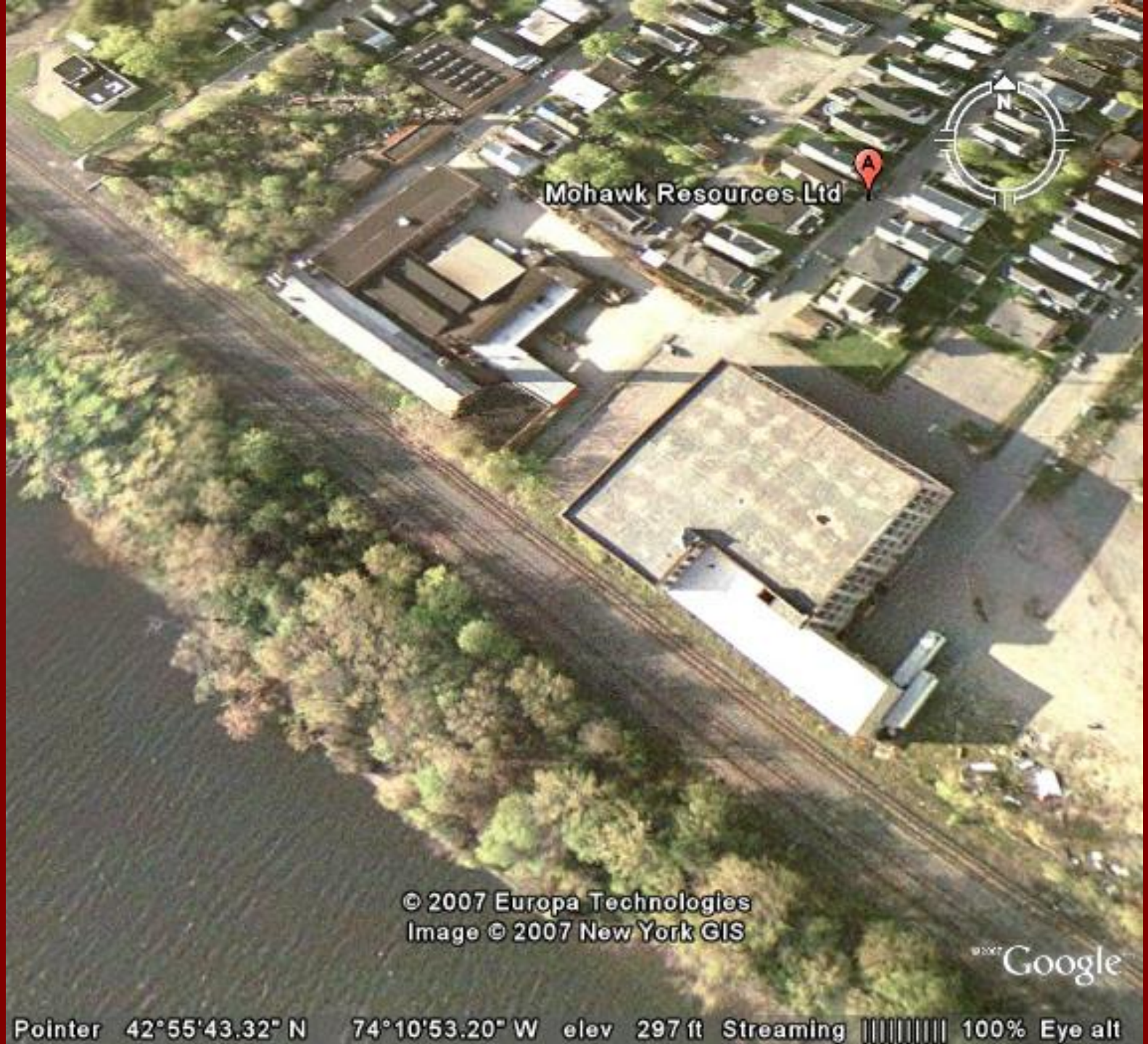
MOHAWK LIFTS


Mohawk Lifts are made, assembled and welded in the U.S.A.
America’s best lift investment.


Amsterdam,
New York
MAINE
VERMONT
NEW HAMPSHIRE
NEW YORK
MASSACHUSETTS
CONNECTICUT
R.I.
PENNSYLVANIA
NEW JERSEY
Montreal
Toronto
Cleveland
Philadelphia

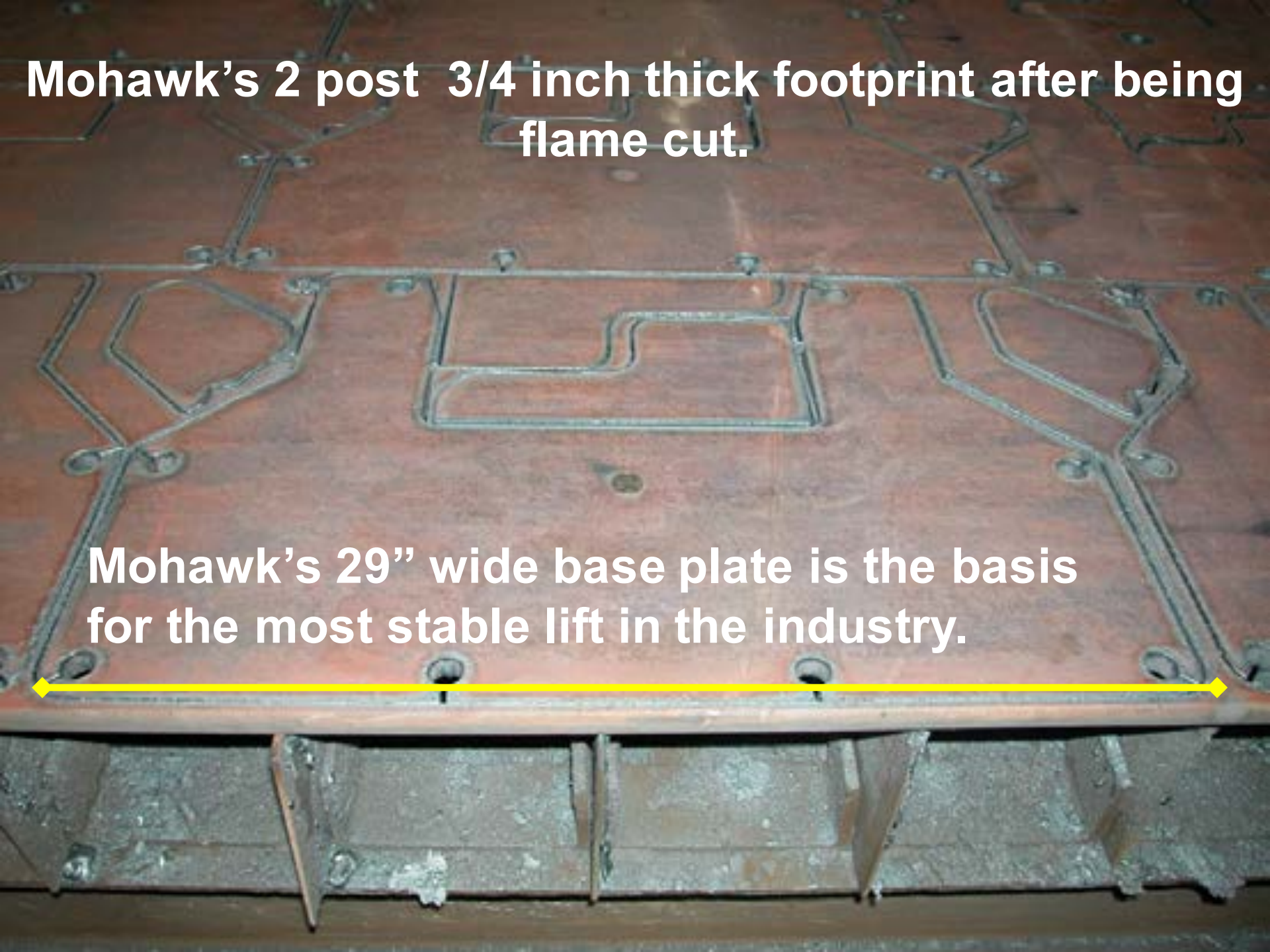
Overhead of the Mohawk factory set in front of the Mohawk river.




Mohawk Resources Ltd
N
© 2007 Europa Technologies
Image © 2007 New York GIS
Google
Pointer 42°55'43.32" N 74°10'53.20" W elev 297 ft Streaming 100% Eye alt

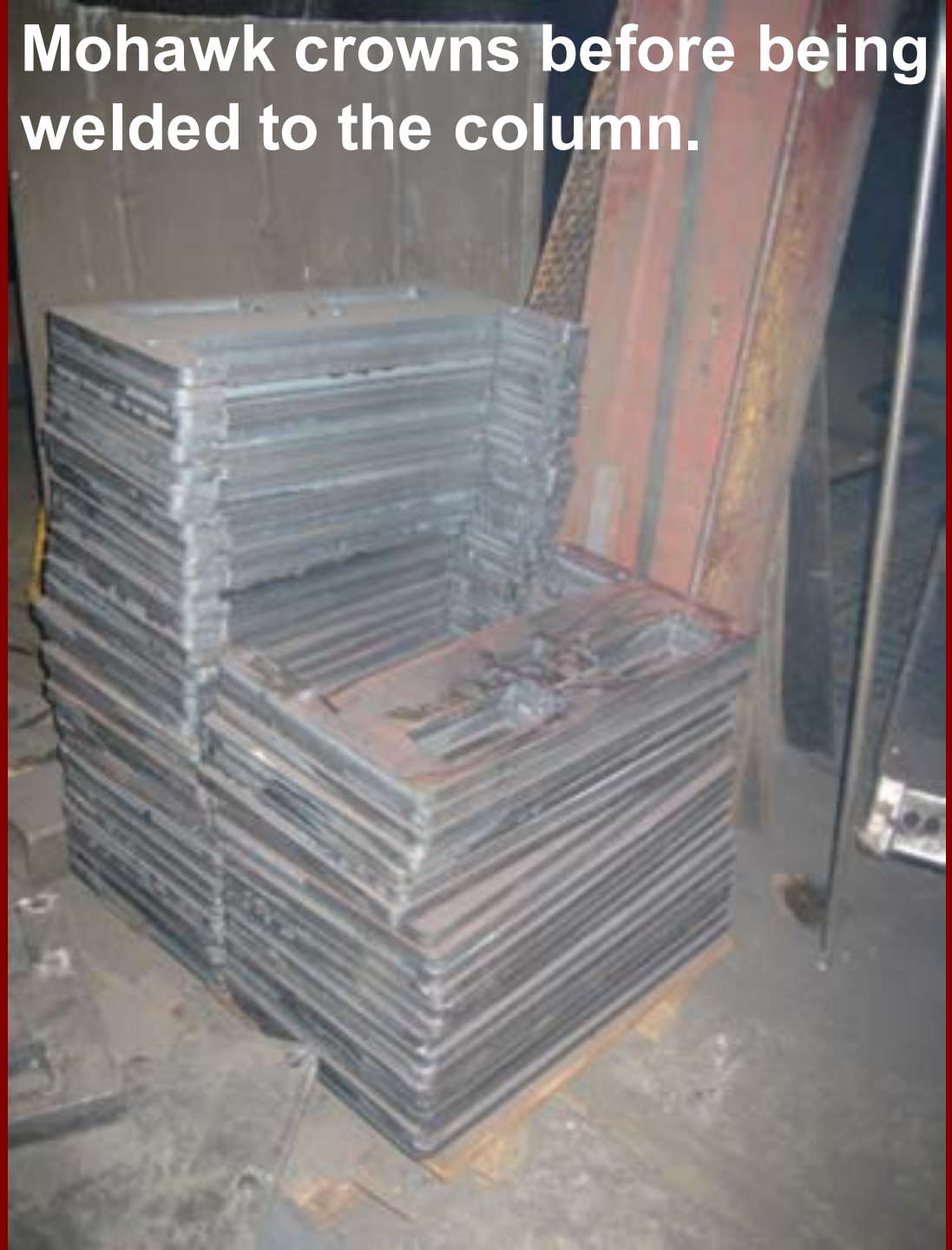

The burning table where 3/4 inch to 2 inch thick plate steel, and lift components are flame cut.

The computer guided torches from the burning table cutting out the parts for the lift.


Mohawk's 2 post 3/4 inch thick footprint after being flame cut.
Mohawk's 29" wide base plate is the basis for the most stable lift in the industry.


A grinder taking off rough edges.

A stack of base plates before welding.



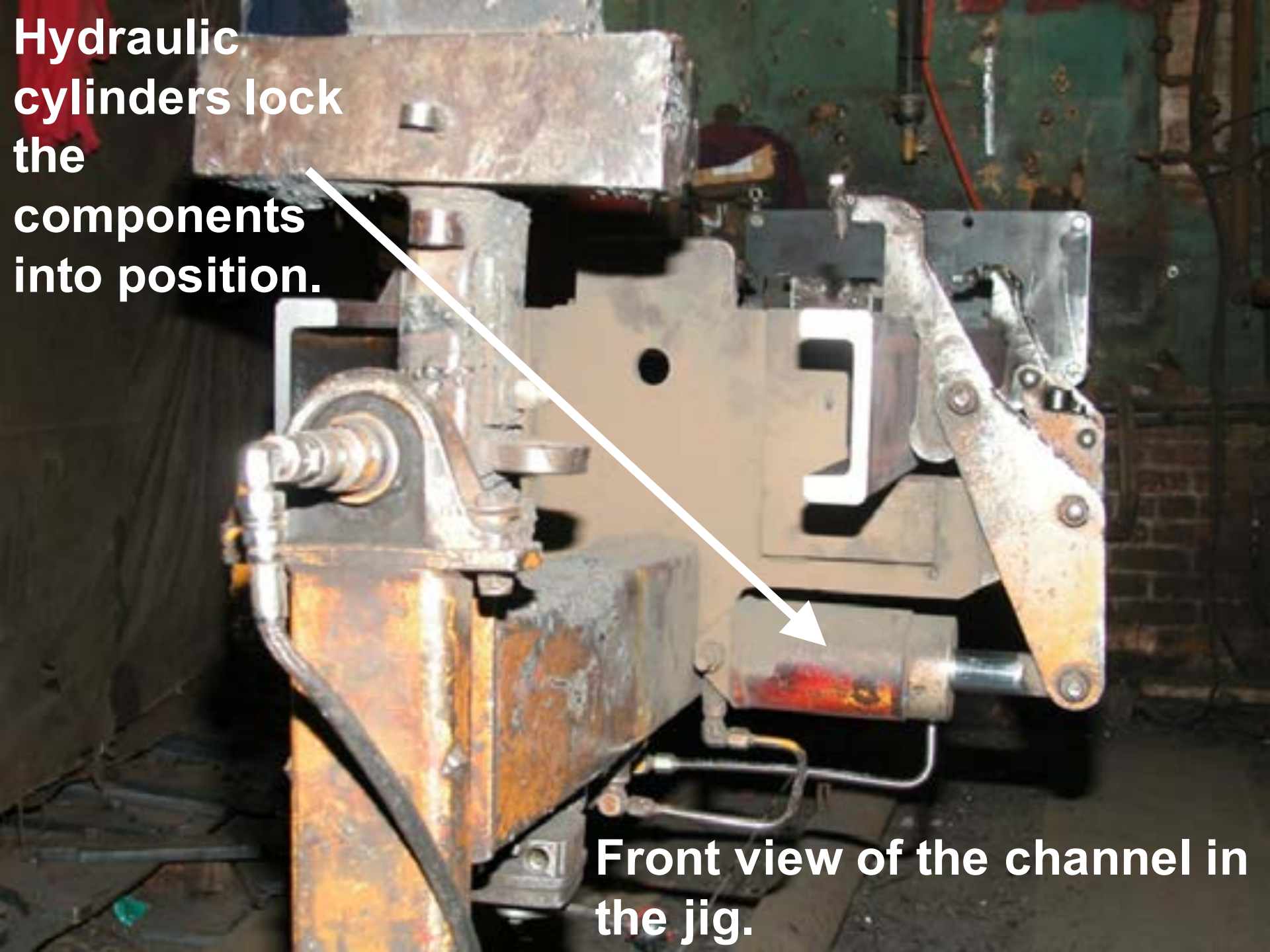
Mohawk crowns before being welded to the column.


MOHAWK LIFTS—MEASURE THE DIFFERENCE! 1-800-833-2006
Mohawk use 3/4” thick forklift channels.

Two of Mohawk's craftsmen loading the forklift channel in the welding jig.

Welding craftsman locking down the channel in the welding fixture.


Close up of the channel
clamped into the welding jig.


Hydraulic cylinders lock the components into position.
Front view of the channel in the jig.

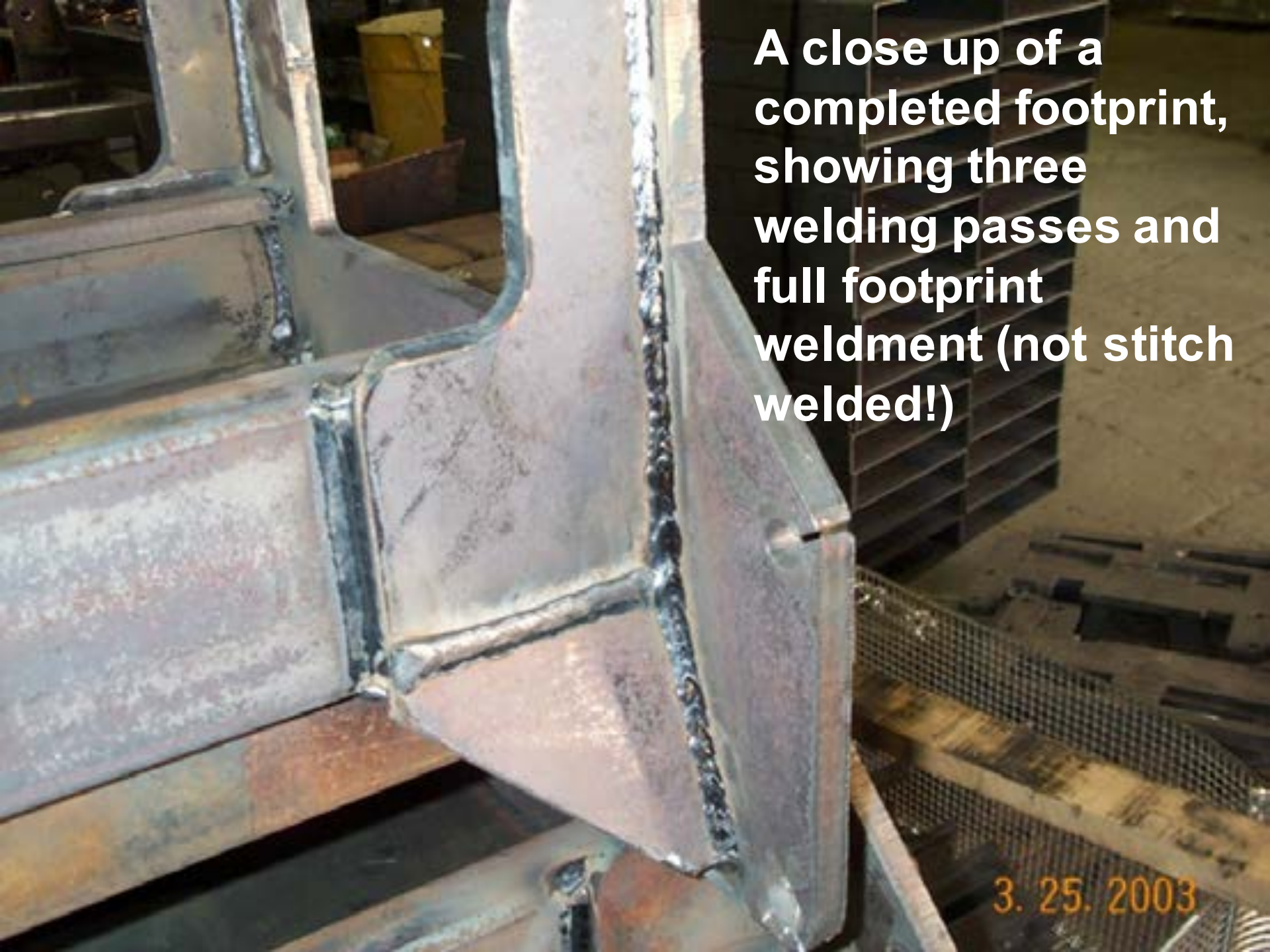

Welding jigs rotate, giving the welders access to all areas of the lift.


A welder in action.

Welding the base plate into place.

Craftsman removing a completed column out of the welding jig.


Grinding off the welding “slag” on a completed column.


A close up of a completed footprint, showing three welding passes and full footprint weldment (not stitch welded!)
3. 25. 2003

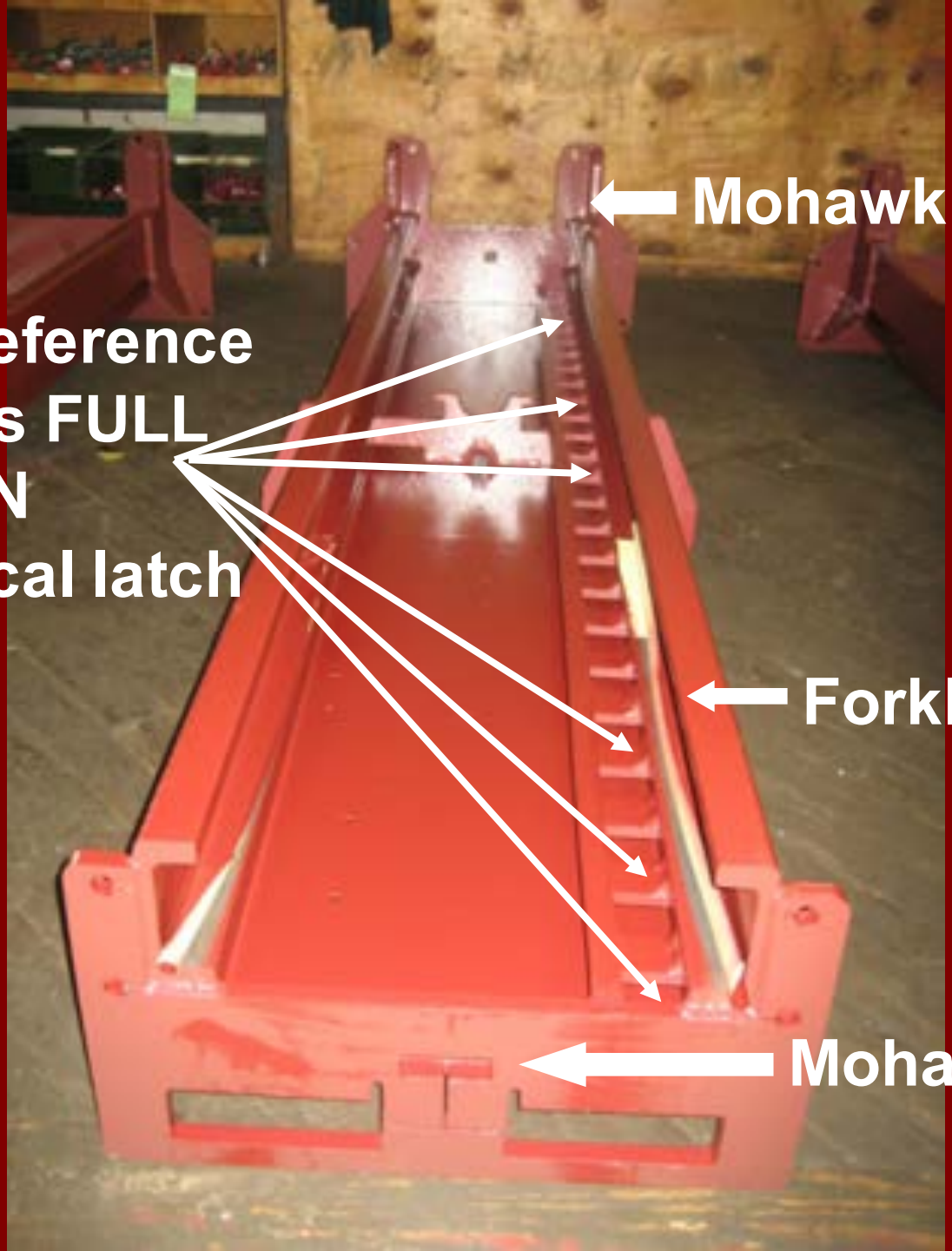

Completed Columns ready for painting.

Painter spraying the columns. After this process the heaters are turned on and the paint will bake to the lift.

Mohawk uses high quality PPG paints.

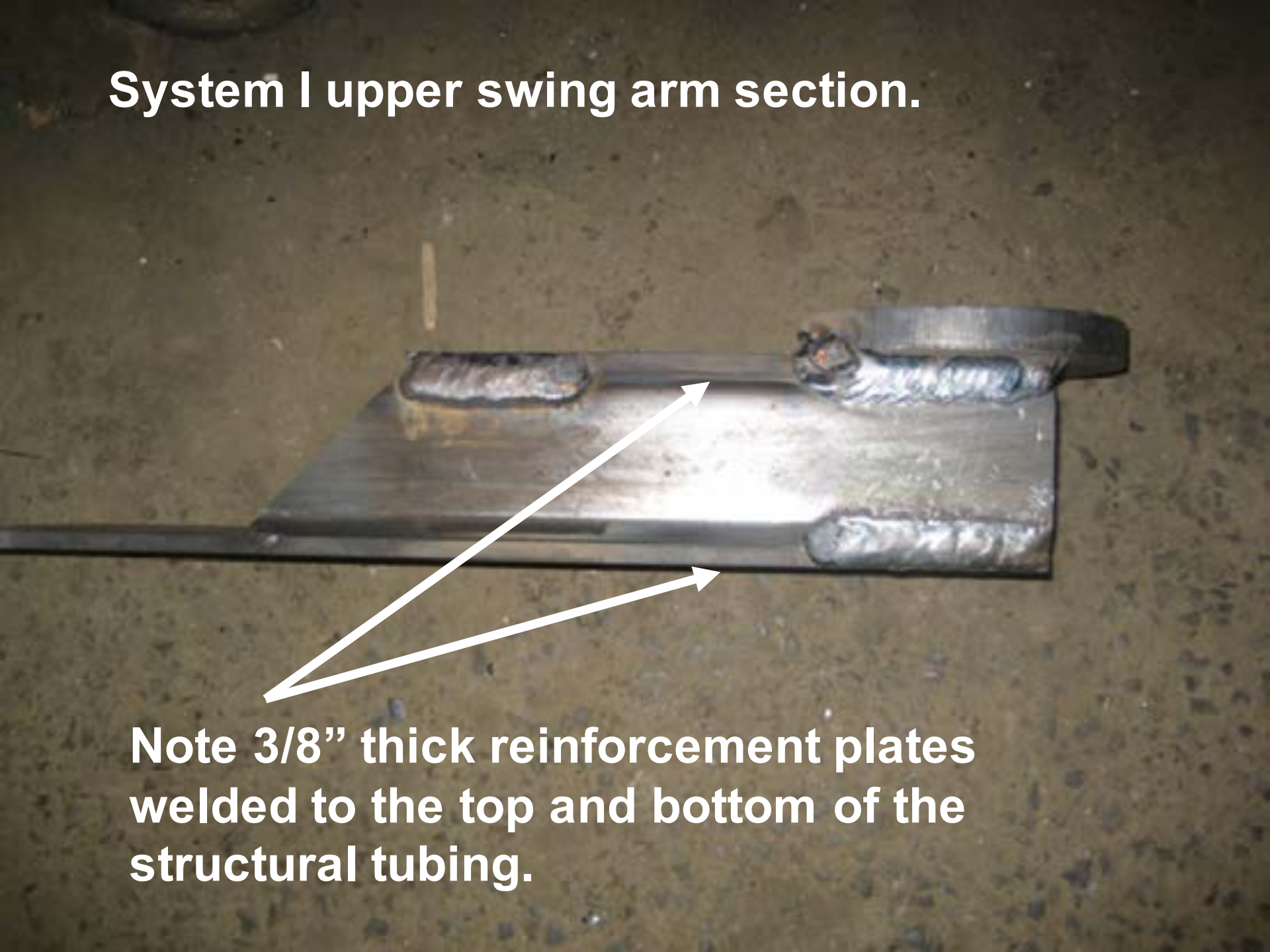
PPG PAINTS™

Column Assembly


Mohawk Base Plate
Arrows reference Mohawk's FULL POSITION mechanical latch racks.
Forklift channel
Mohawk Crown

Swing Arm Assembly

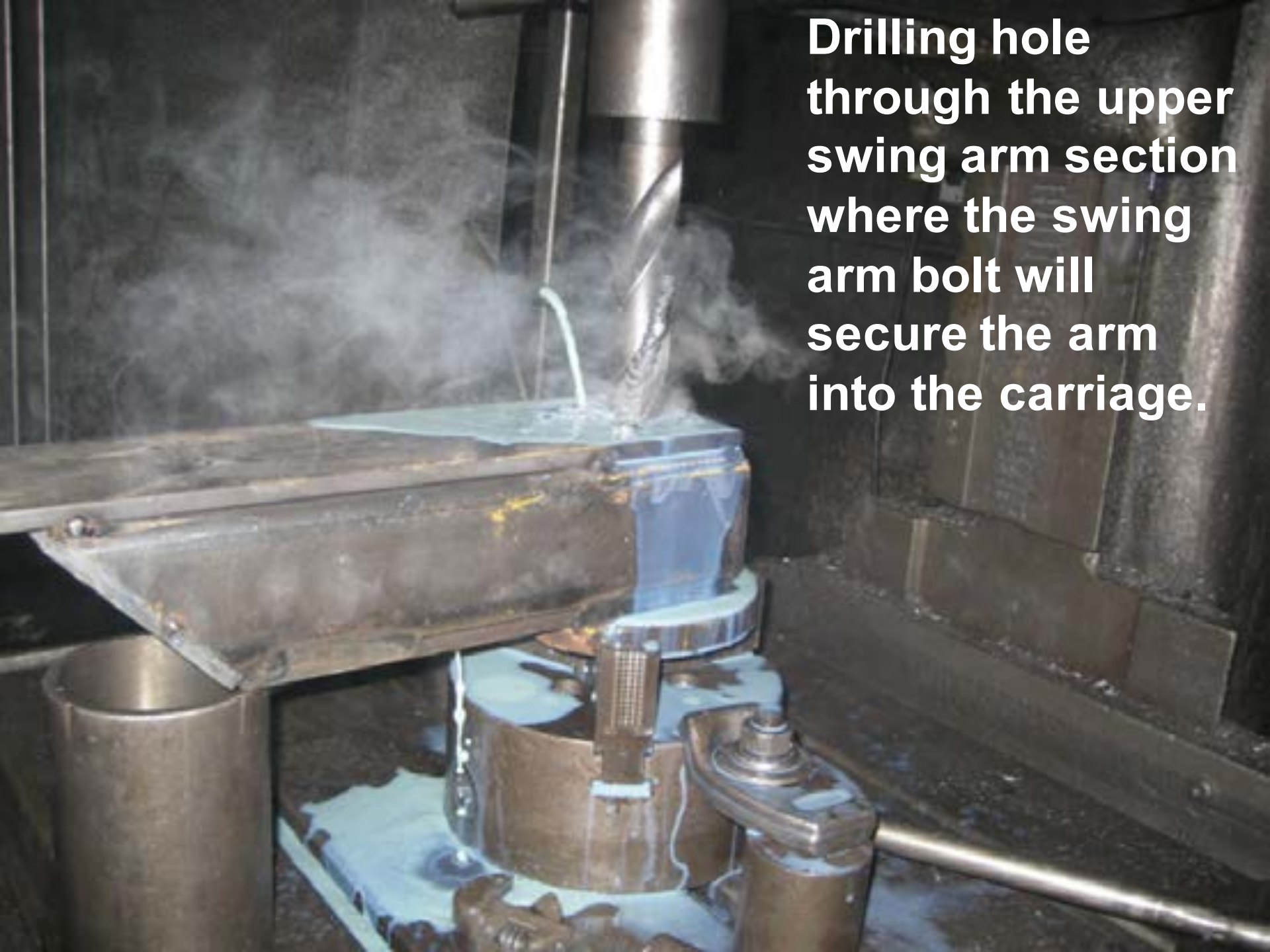
System I upper swing arm section.



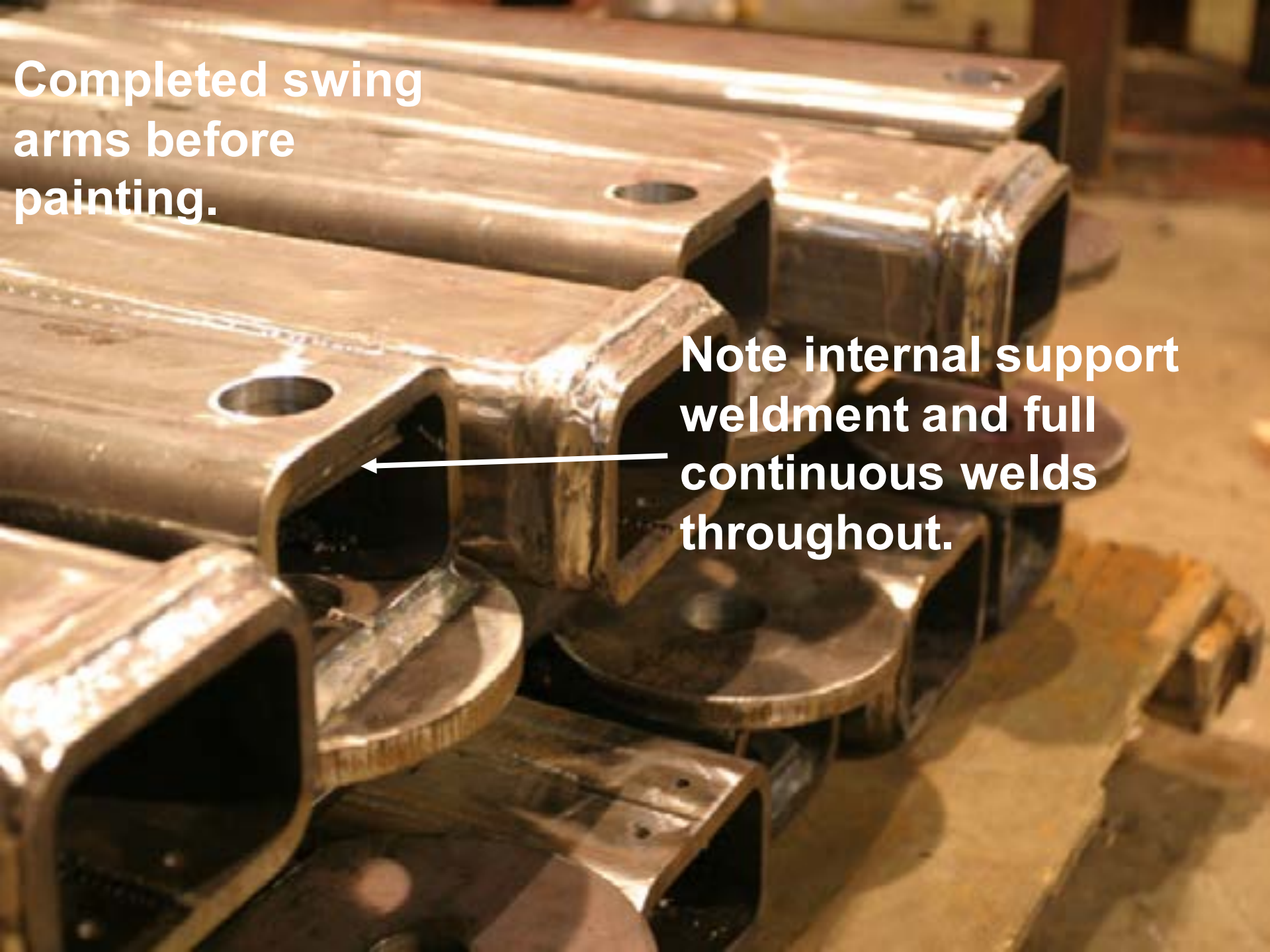
Note 3/8” thick reinforcement plates welded to the top and bottom of the structural tubing.

Upper swing arm components being welded.

Swing arm upper section showing internal reinforcement welded for additional support (prior to drilling swing arm bolt hole).

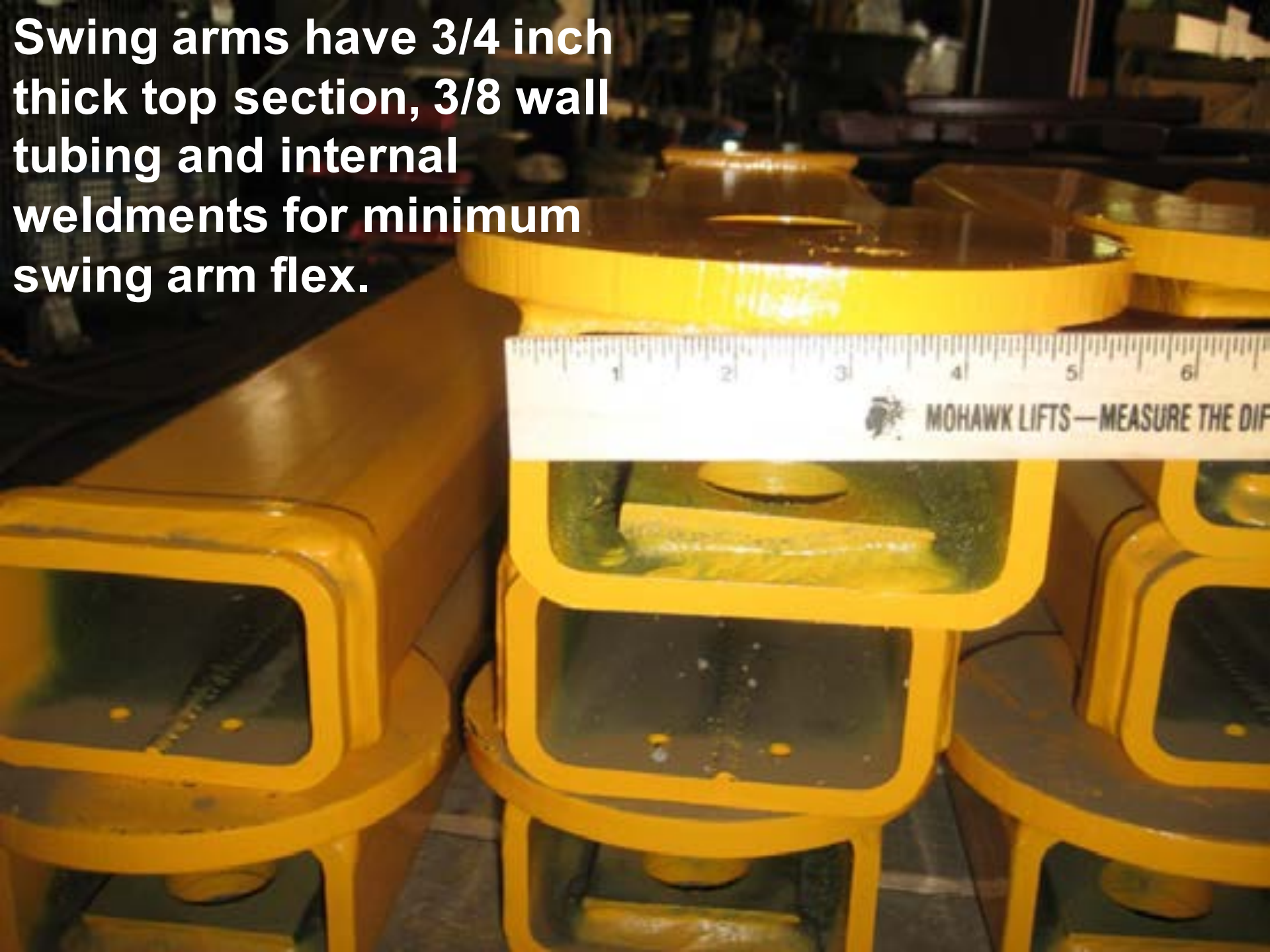

Drilling hole through the upper swing arm section where the swing arm bolt will secure the arm into the carriage.


Completed swing arm weldments
ready for paint.


Completed swing arms before painting.
Note internal support weldment and full continuous welds throughout.


RUST-OLEUM
INDUSTRIAL BRANDS
Rust-olium paint being sprayed onto the swing arms.


Completed Swing arms
having been unloaded
from the paint booth are
now ready for final
assembly.


Swing arms have 3/4 inch thick top section, 3/8 wall tubing and internal weldments for minimum swing arm flex.
MOHAWK LIFTS—MEASURE THE DIF

This picture shows reinforced section of each swing arm for maximum support.

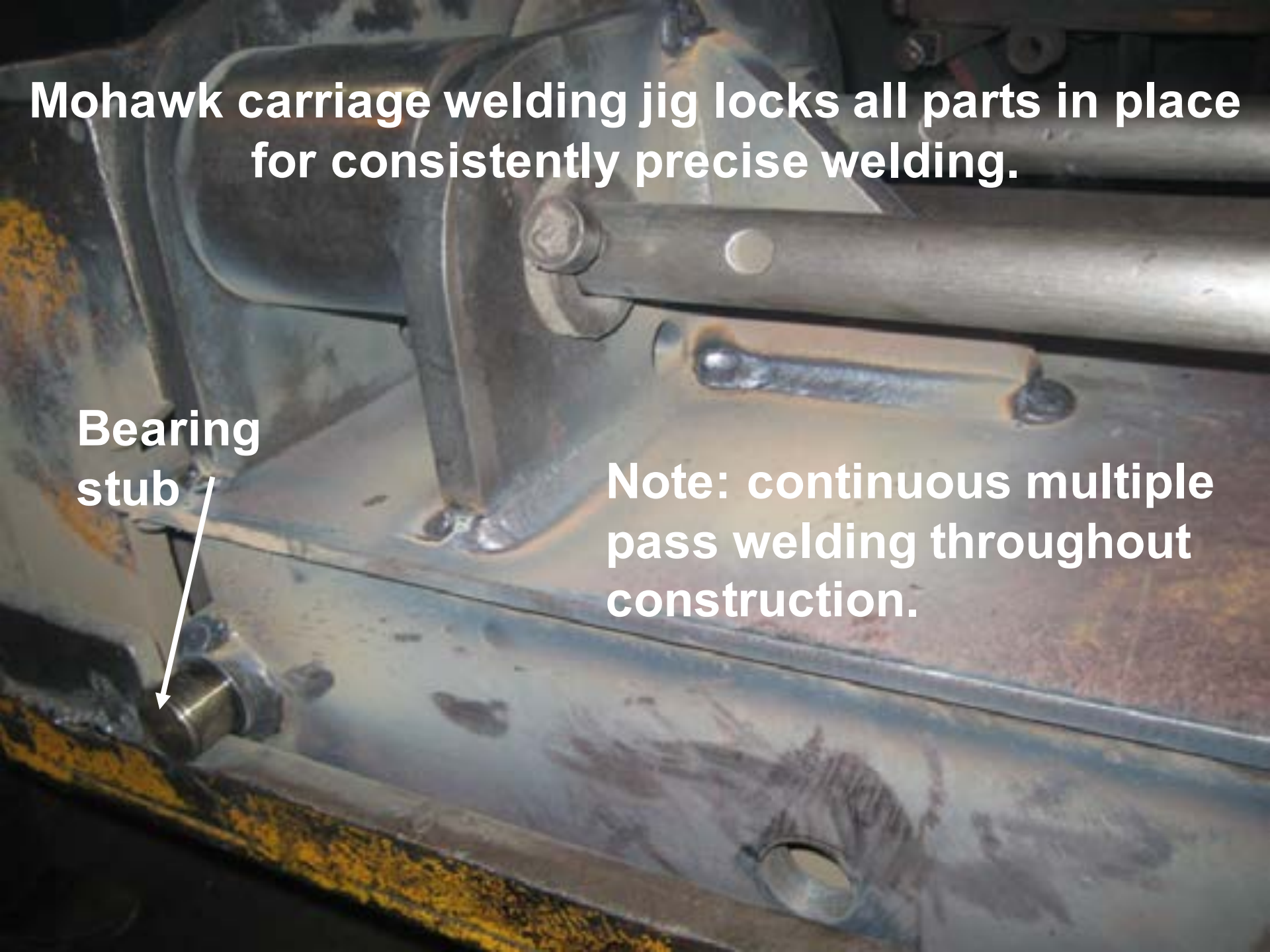
Swing arm sliders ready for paint.

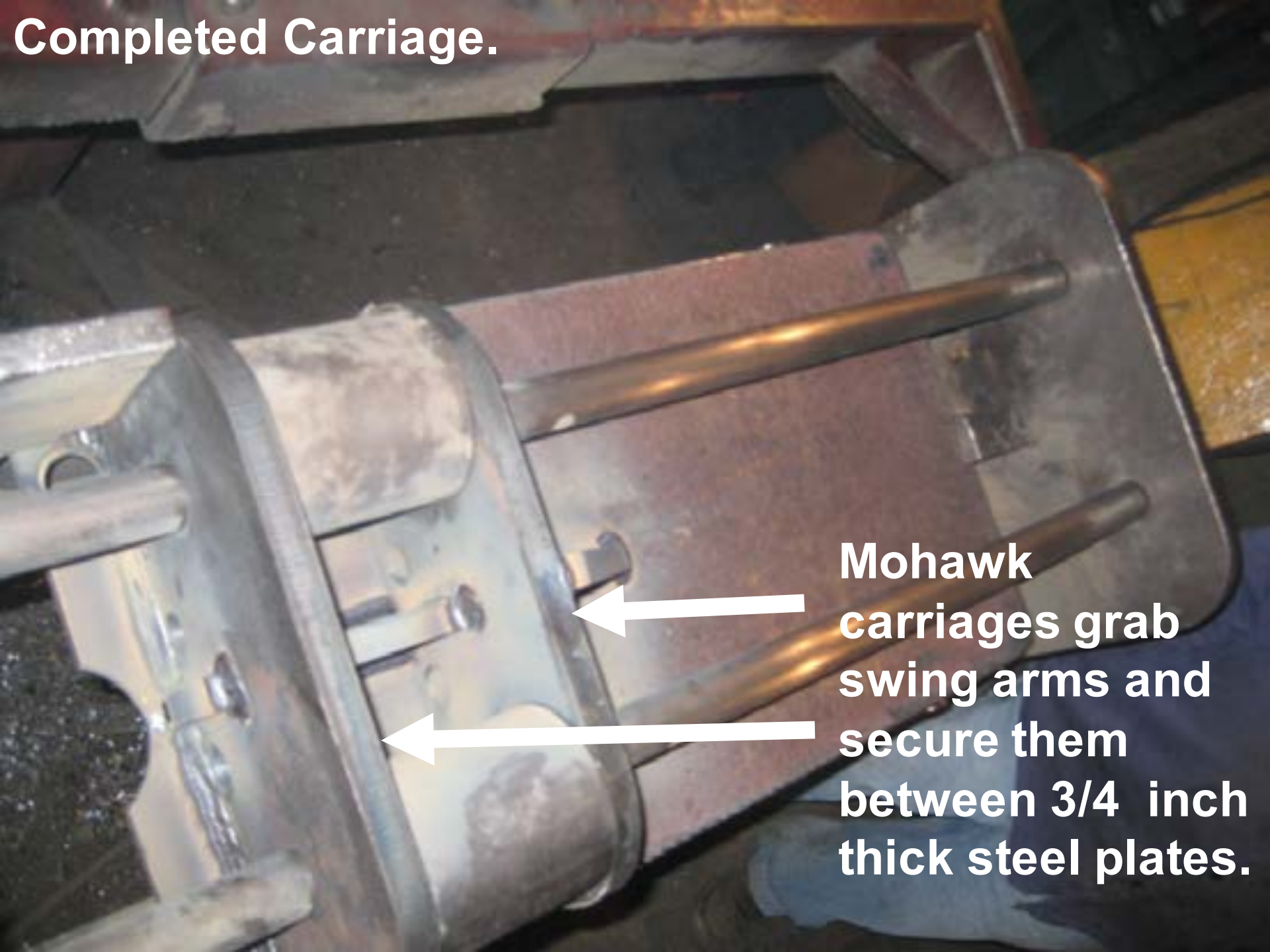
Paint being applied to swing arm sliders.


Swing arm sliders ready for assembly.


Showing the 3/8 inch steel wall
used on the sliders.
MOHAWK LIFTS—MEASURE THE

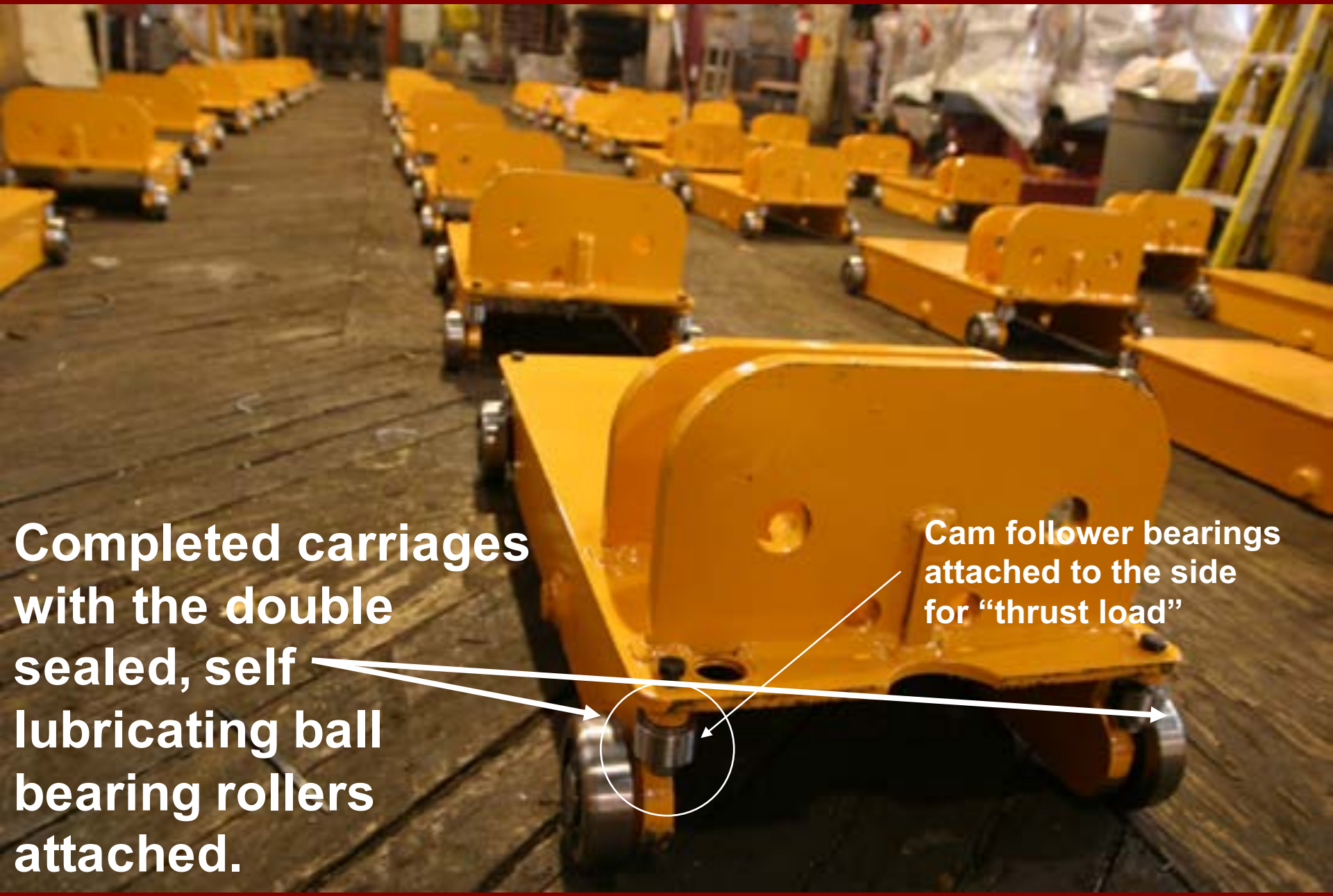

Carriage being locked into place on the welding jig.


Mohawk carriage welding jig locks all parts in place for consistently precise welding.
Bearing stub
Note: continuous multiple pass welding throughout construction.


Completed Carriage.
Mohawk carriages grab swing arms and secure them between 3/4 inch thick steel plates.

Painting the Carriages.

Completed carriages.


Completed carriages with the double sealed, self lubricating ball bearing rollers attached.
Cam follower bearings attached to the side for “thrust load”


Mohawk LMF-12 and TP-16
carriages use heavier roller
bearings throughout as well
as direct drive lifting rods
bolted to the carriages.

A-7 and System I #646 leaf chain prior to installation in the carriages.

Completed carriage assembled showing:

- cam follower bearings
- #646 leaf chain
- chain break safety
- Safety release flip lever
- 3/4 inch thick lock body
- sealed roller bearings

Cylinder Assembly


2 5/8 inch chrome rods prior to cylinder assembly.


Hydraulic cylinder barrels before assembly.

Hydraulic cylinder
barrel being machined.

Main side cylinder pistons prior to assembly.


Main side cylinder caps
Aluminum hydraulic cylinder components

Mohawk machinist assembling main side cylinder cap.

Craftsmen installing a piston and chrome rod into the cylinder barrel.

Inserting the chrome rod into the cylinder barrel.


Hydraulic components (seals, wipers and O-rings)
are assembled around the main side piston.


Seating the base into the
hydraulic cylinder.

Securing the base into cylinder using spin key.

Testing the cylinder for proper operation.


EVERY Mohawk cylinder is
tested upon completion.

Partial pallet of completed cylinders.


Mohawk uses the industry's largest cylinders.
1
2
3
4
5
MOHAWK LIFTS—MEASU

- Cylinder painting

Hydraulic cylinders being painted and baked in the paint booth.

Completed hydraulic cylinders

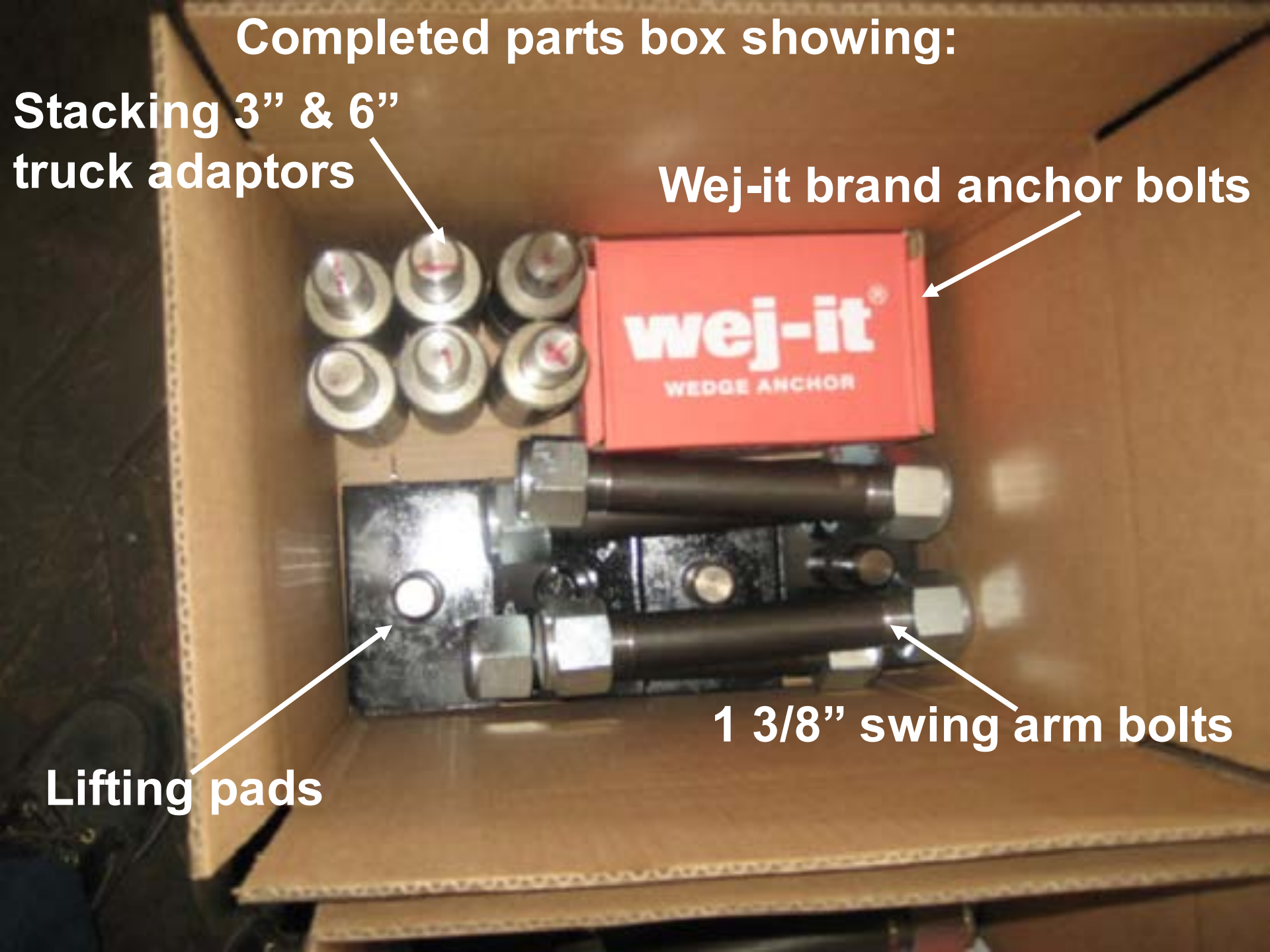
Final Assembly

Lining up the lifts for final assembly.

Assembling internal hydraulic bulk-head fittings.

Assembled columns and carriages.


Applying the safety decals.


Completed parts box showing:
Stacking 3” & 6” truck adaptors
Wej-it brand anchor bolts
wej-it
WEDGE ANCHOR
1 3/8” swing arm bolts
Lifting pads

Completed parts box with installation and safety manuals enclosed.

Mohawk uses stainless steel hydraulic lines throughout.

Moving the Mainside column in place for final packaging.

Preparing to mount the power unit.

Monarch high quality U.S. made power units, with steel reservoirs (not plastic tanks).


Attaching the power units.

Mohawk’s safety weight gauge.

Assembling the swing arms.

Packaging the swing arms on the lift for final shipping.


The completed lift before
packaging material is added.


Adding banding to insure that no parts shift during shipping.

Adding plastic wrapping for protection.


Completed and packaged lifts ready for shipping.

MOHAWK

Proudly designed, welded & manufactured in the U.S.A.

Thank you for watching

For more information please contact us at:

1-800-833-2006 Or (518) 842-1431

www.mohawklifts.com