




MOHAWK LIFTS



A tall, dark lift pole extends vertically from the bottom center towards the top of the frame. At the very top of the pole is a finial in the shape of an eagle with its wings spread. Below the finial, an American flag is attached to the pole and hangs vertically. The flag is partially visible, showing the stars and stripes. The background is a bright blue sky with scattered white clouds. The entire image is framed by a thick red border on the left and right sides.

**Mohawk Lifts are made,
assembled and welded in the
U.S.A.**

**America's best lift
investment.**

**Amsterdam,
New York**



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



Mohawk Resources Ltd



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Image © 2007 New York GIS

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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.



A close-up photograph of several interlocking metal forklift channels. The channels are dark grey and have a rough, textured surface. A wooden ruler is placed horizontally across the top of the channels, showing measurements in inches from 1 to 10. The ruler has the text "MOHAWK LIFTS — MEASURE THE DIFFERENCE! 1-800-833-2006" printed on it. The lighting is bright, highlighting the metallic texture and the interlocking design of the channels.

**Mohawk use 3/4" thick
forklift channels.**



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

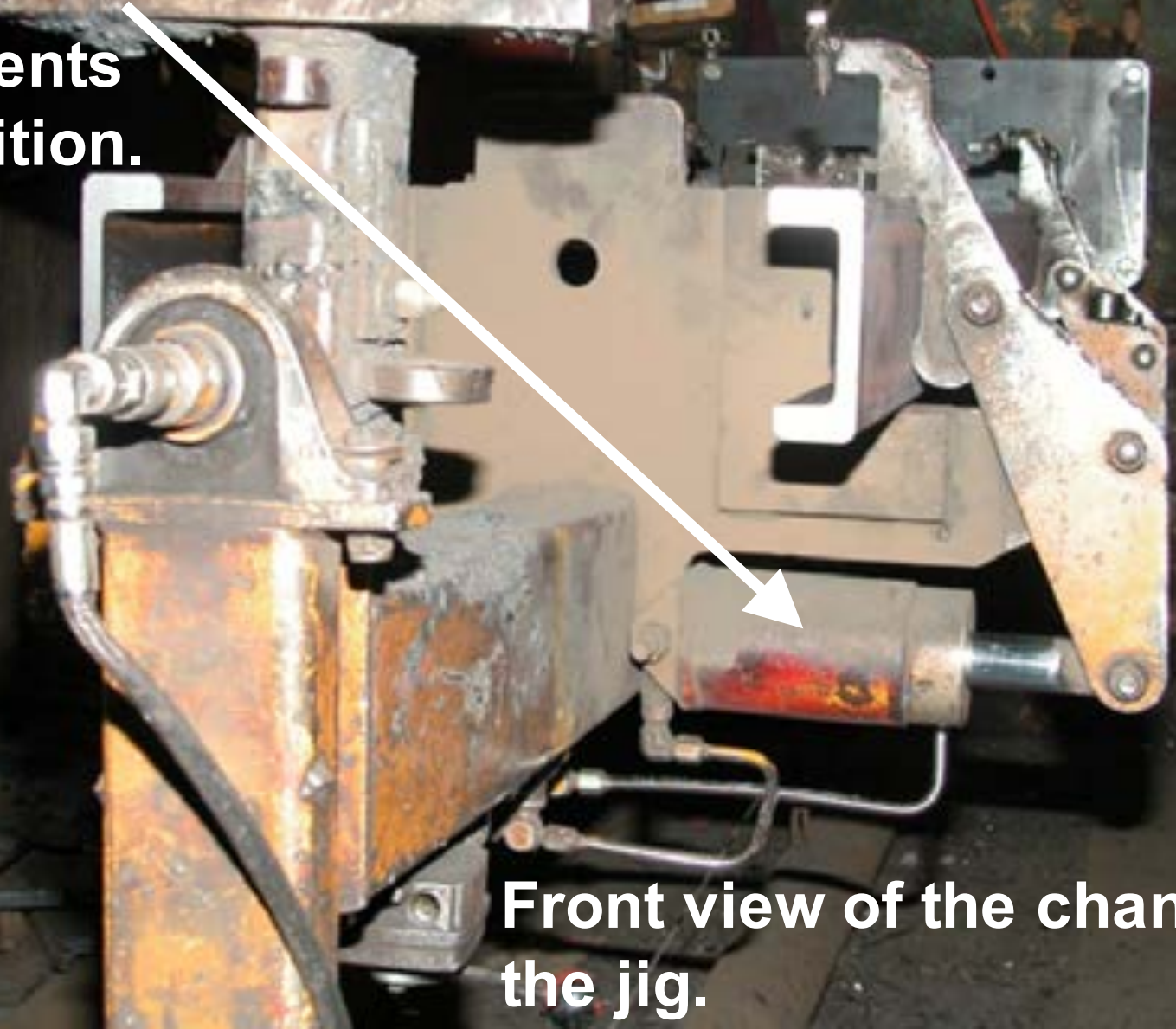


Welding craftsman locking down the channel in the welding fixture.

**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.**

A large, complex metal welding jig is shown in a workshop. The jig is constructed from heavy-duty metal plates and beams, with various bolts and welds visible. It features a prominent red hydraulic cylinder and a large, rectangular metal block. The jig is mounted on a sturdy metal frame. The background shows a cluttered workshop with various tools and equipment.

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

A welder in action.





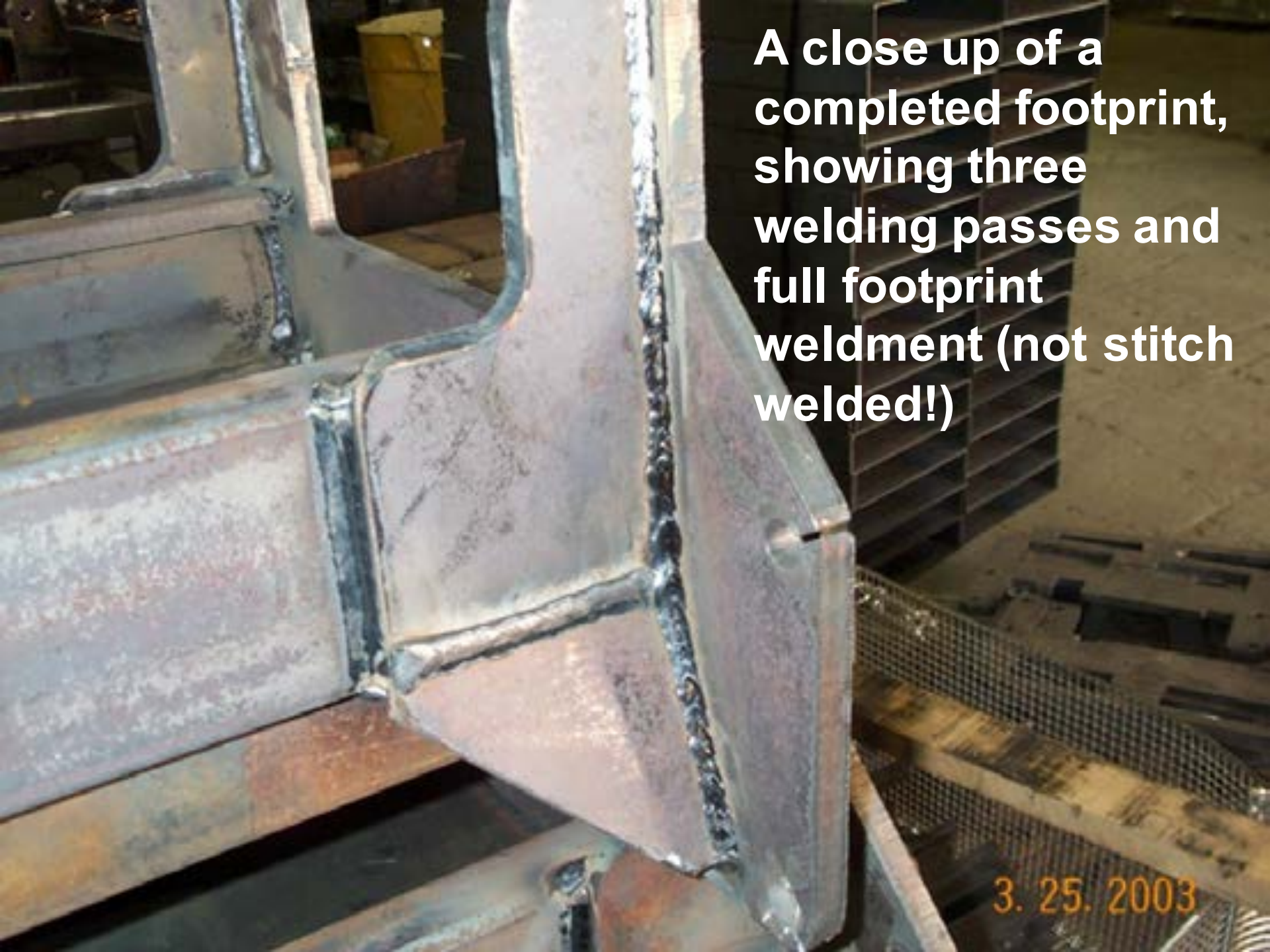
Welding the base plate into place.



Craftsman removing a completed column out of the welding jig.

A welder in a blue protective suit is using a grinding wheel to remove welding slag from a large metal column. The grinding process is generating a massive, bright spray of sparks that fills the upper half of the frame. The welder is positioned on the left, and the metal column is held in a large industrial vise. In the background, there are various industrial components, including a green container and metal shelving. The foreground shows the heavy-duty metal structure of the grinding machine and the workpiece.

**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.**



Column Assembly

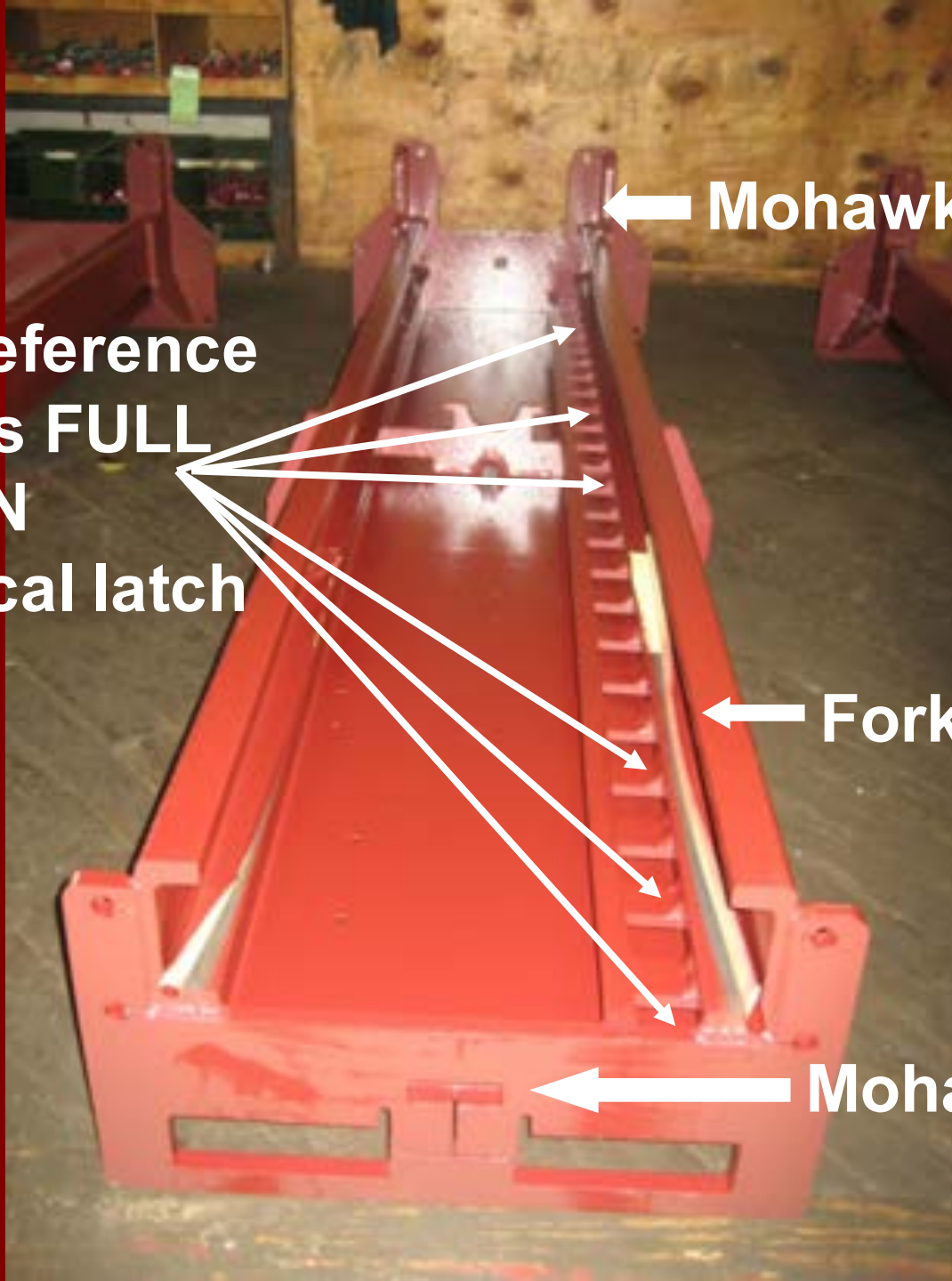


**Arrows reference
Mohawk's FULL
POSITION
mechanical latch
racks.**

← Mohawk Base Plate

← 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.

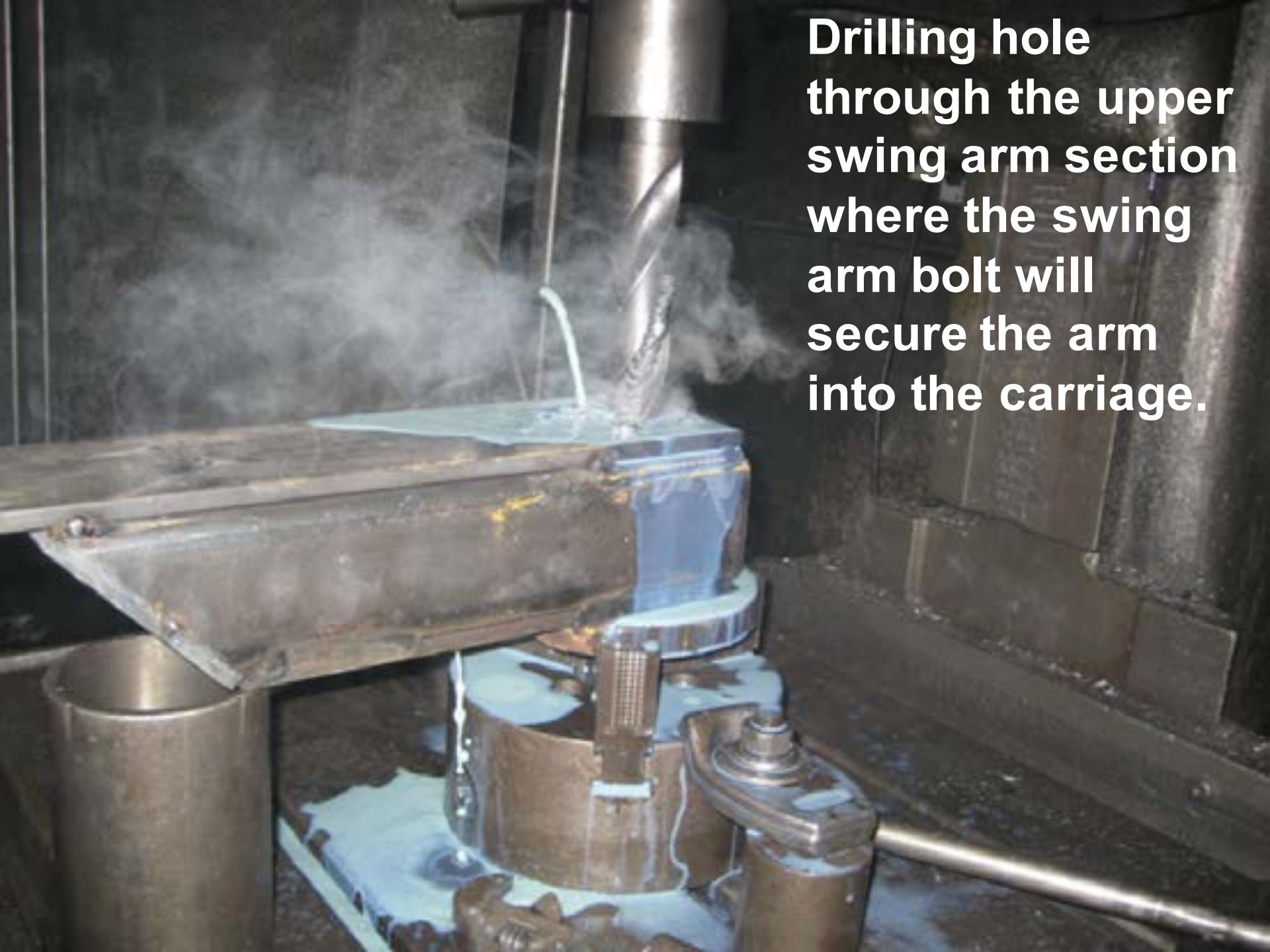
**Upper swing arm
components being welded.**





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.**

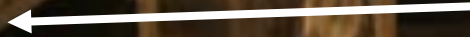




Completed swing arm weldments
ready for paint.

**Completed swing
arms before
painting.**

**Note internal support
weldment and full
continuous welds
throughout.**



Rust-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.





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.**




Carriage being locked into place on the welding jig.



A close-up photograph of a heavy-duty industrial welding jig. The jig is constructed from thick metal plates and features a complex arrangement of bolts, nuts, and a horizontal rod. A vertical rod is also visible, passing through the assembly. The metal surfaces show signs of wear and rust, particularly along the edges and in recessed areas. The lighting is bright, highlighting the metallic textures and the precision of the construction.

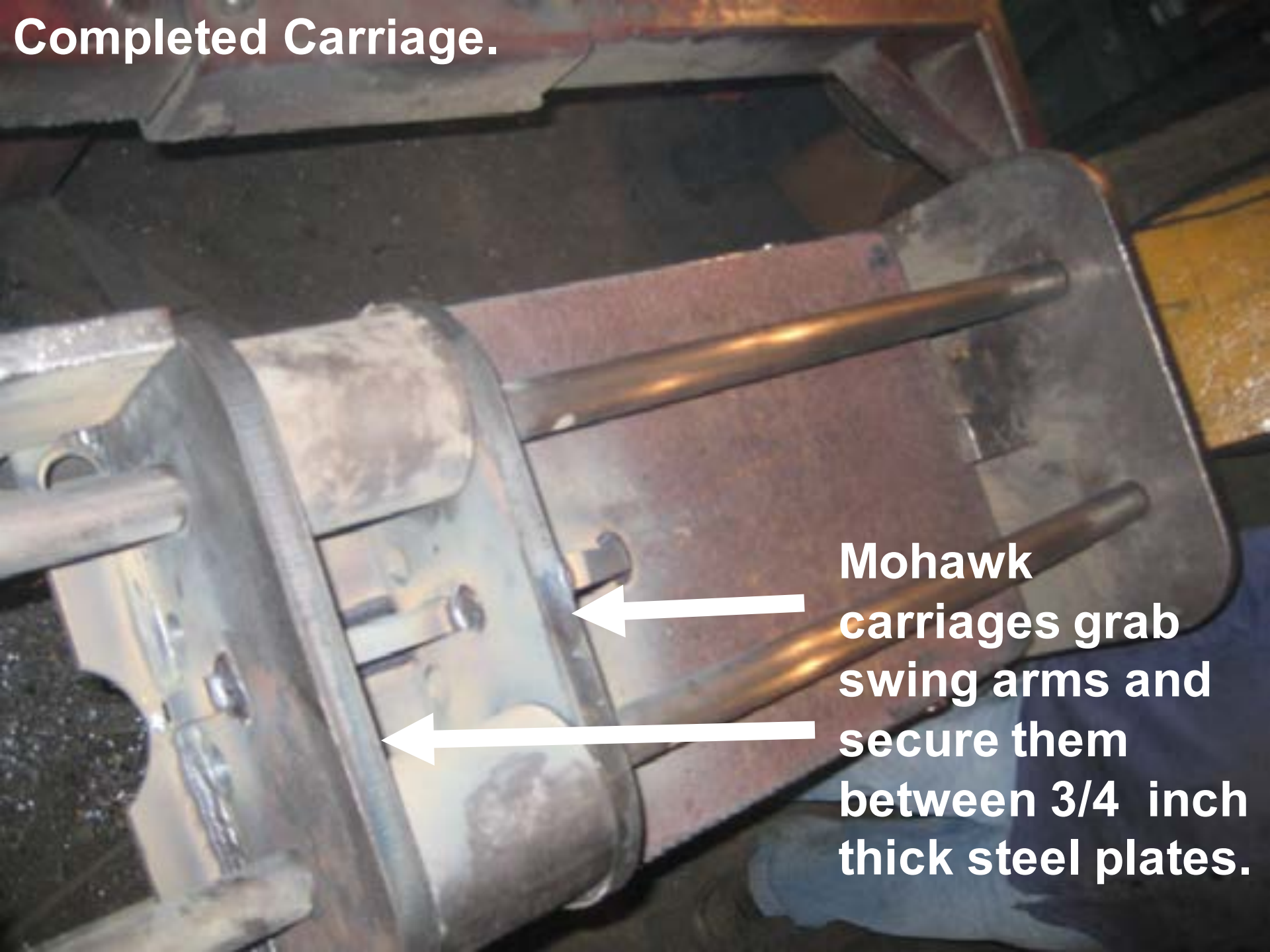
Mohawk carriage welding jig locks all parts in place for consistently precise welding.

Bearing stub

A white arrow originates from the text 'Bearing stub' and points diagonally downwards and to the right, ending at a small, cylindrical metal component. This component is part of the larger assembly and appears to be a bearing or a guide for a moving part.

Note: continuous multiple pass welding throughout construction.

Completed Carriage.



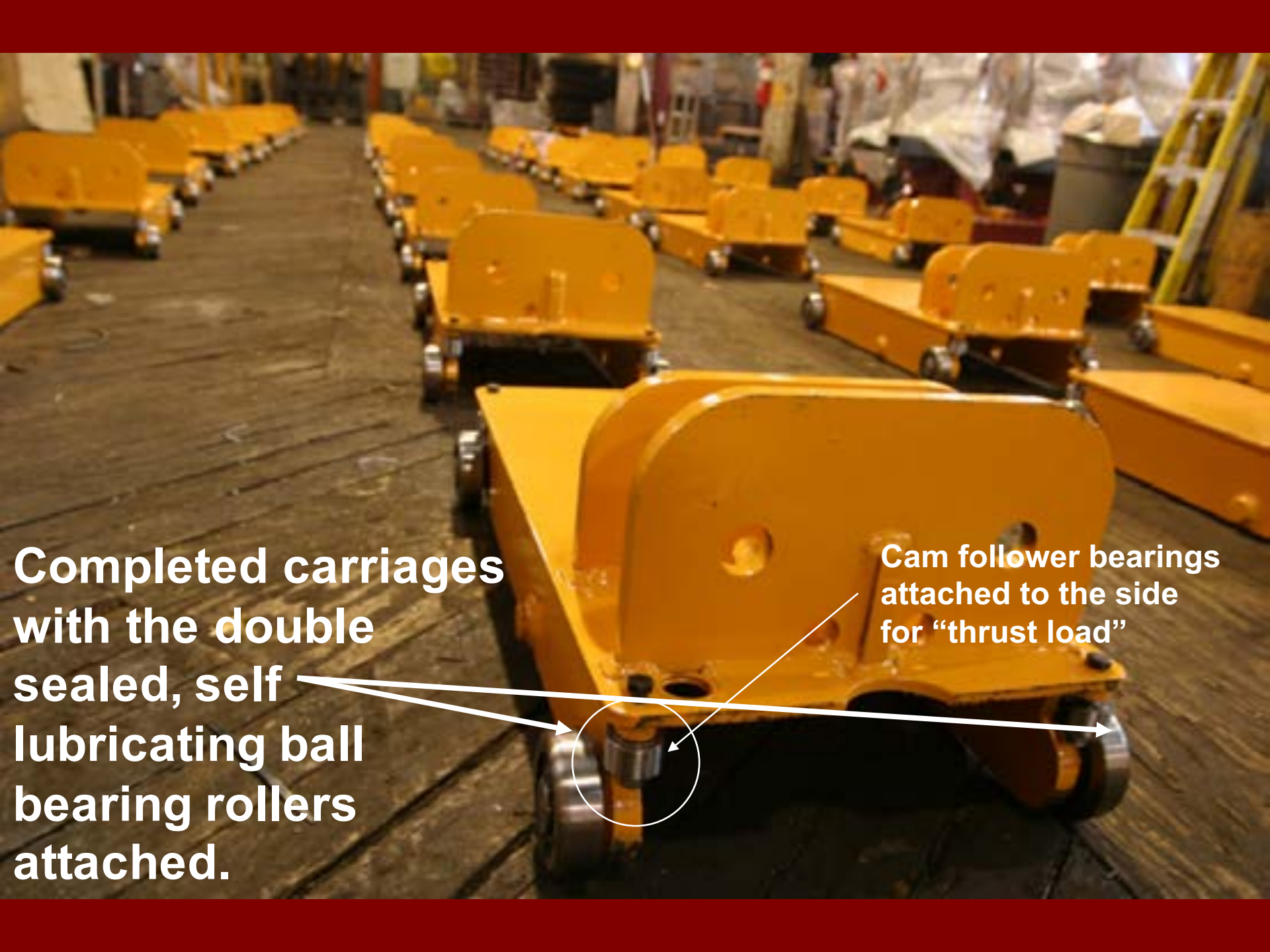
**Mohawk
carriages grab
swing arms and
secure them
between 3/4 inch
thick steel plates.**

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.



A photograph of a large industrial lathe in a workshop. A long, dark metal cylinder is mounted horizontally between the lathe's headstock and tailstock. A yellow lifting chain is attached to the middle of the cylinder. The lathe's tool rest and tool are positioned to machine the right end of the cylinder. The background shows a workshop environment with wooden paneling and various tools.

**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.**



- 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



Lifting pads

1 3/8" swing arm bolts

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.**



**Durable steel
tanks.**

**Note drain holes for
changing hydraulic oil.**

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

A man in a dark t-shirt and safety glasses is leaning over a large red industrial machine, attaching a grey power unit. Another man in a dark t-shirt and safety glasses stands to the right, observing. The machine has a yellow control panel with various buttons and a red emergency stop button. A cardboard box is visible on the machine's surface. The background shows a warehouse with stacks of materials and another worker in the distance.

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.





Thank you for watching

For more information please contact us at:

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

www.mohawklifts.com