

MOHAWK

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

HOW AN MP-SERIES MOBILE COLUMN LIFT IS MADE





- **Mohawk Lifts are 100% designed, engineered, built and assembled in the U.S.A.**
- **America's best lift investment, built to last a lifetime. Since 1981.**

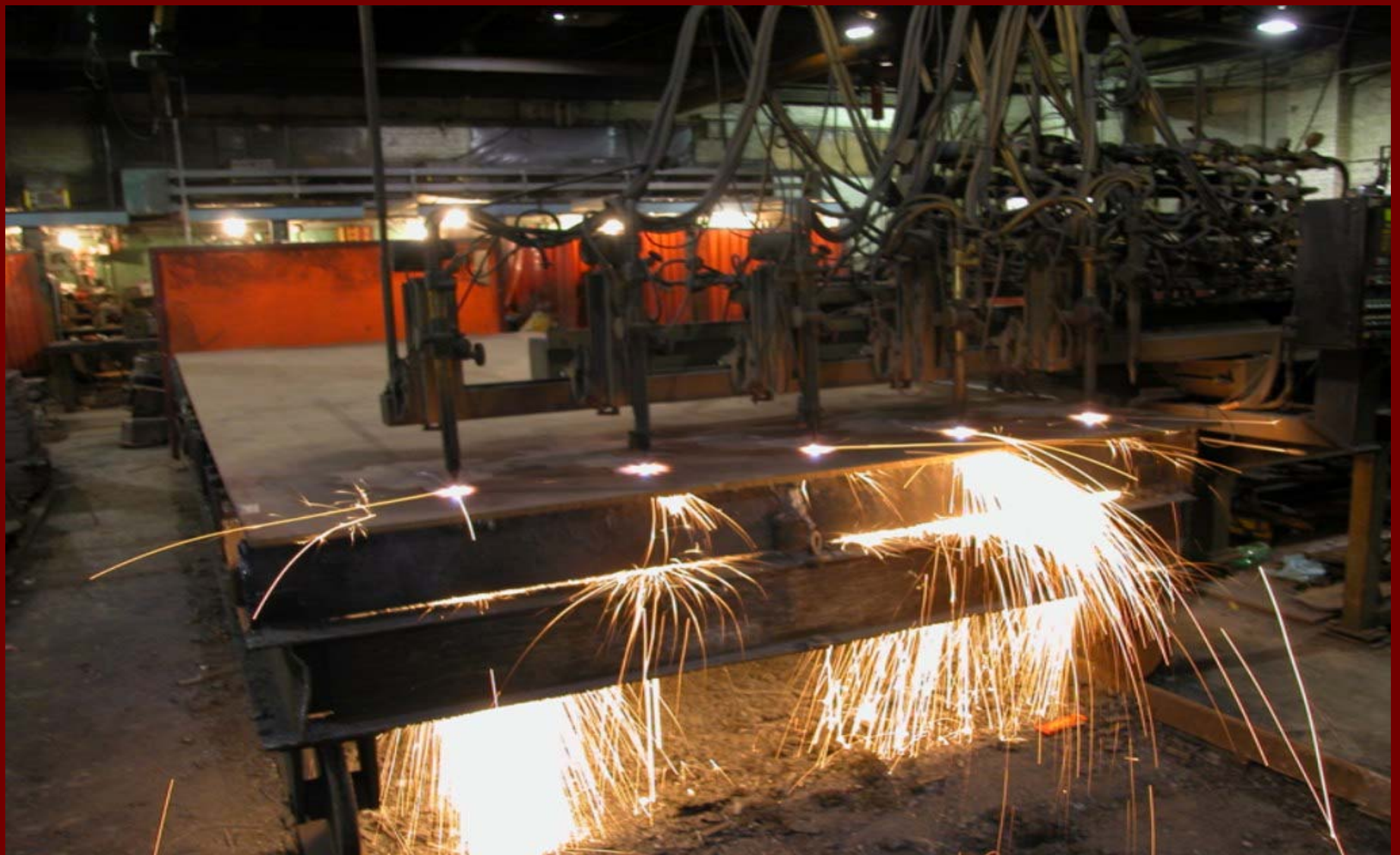
Overhead of the Mohawk factory on the banks of the Mohawk river.

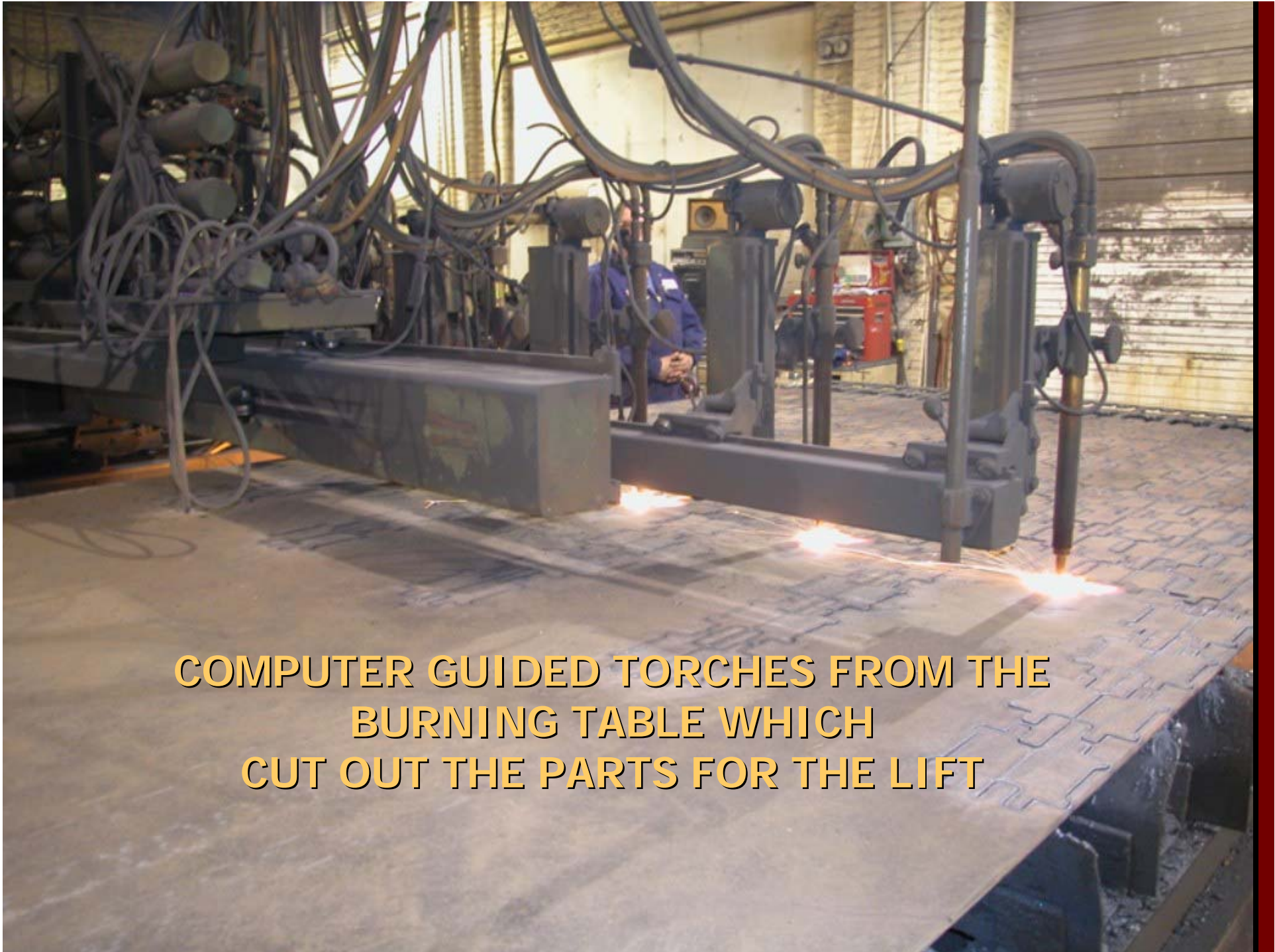


NOW WE'LL SHOW YOU MOHAWK'S MOBILE COLUMN MANUFACTURING PROCESS



THE BURNING TABLE WHERE PLATE STEEL AND LIFT COMPONENTS ARE FLAME CUT

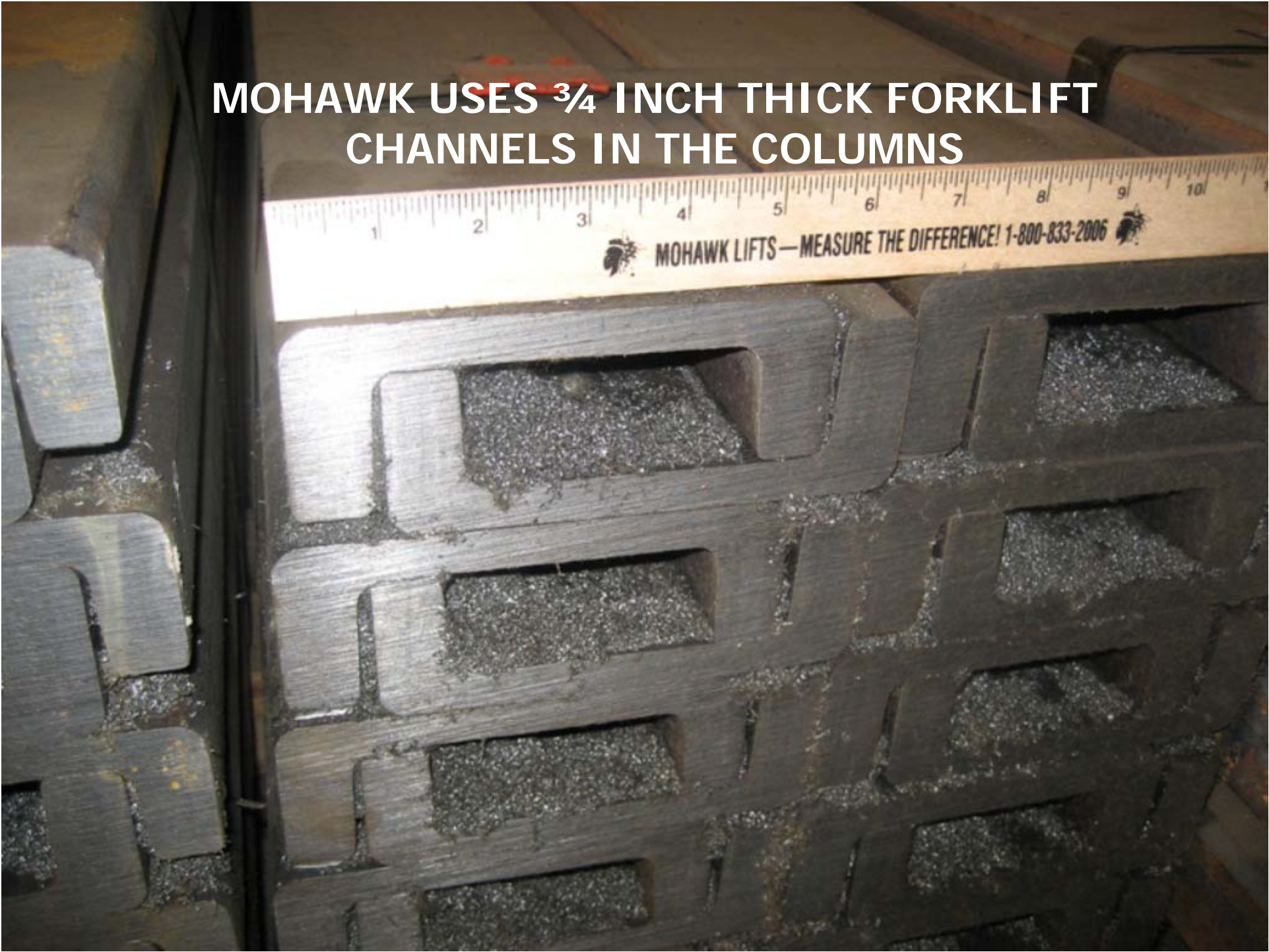




**COMPUTER GUIDED TORCHES FROM THE
BURNING TABLE WHICH
CUT OUT THE PARTS FOR THE LIFT**

MOHAWK USES $\frac{3}{4}$ INCH THICK FORKLIFT CHANNELS IN THE COLUMNS

MOHAWK LIFTS — MEASURE THE DIFFERENCE! 1-800-833-2006



3/4" STEEL BEING LOADED INTO THE WELDING JIG



WELDING CRAFTSMAN LOCKING CHANNEL INTO THE JIG



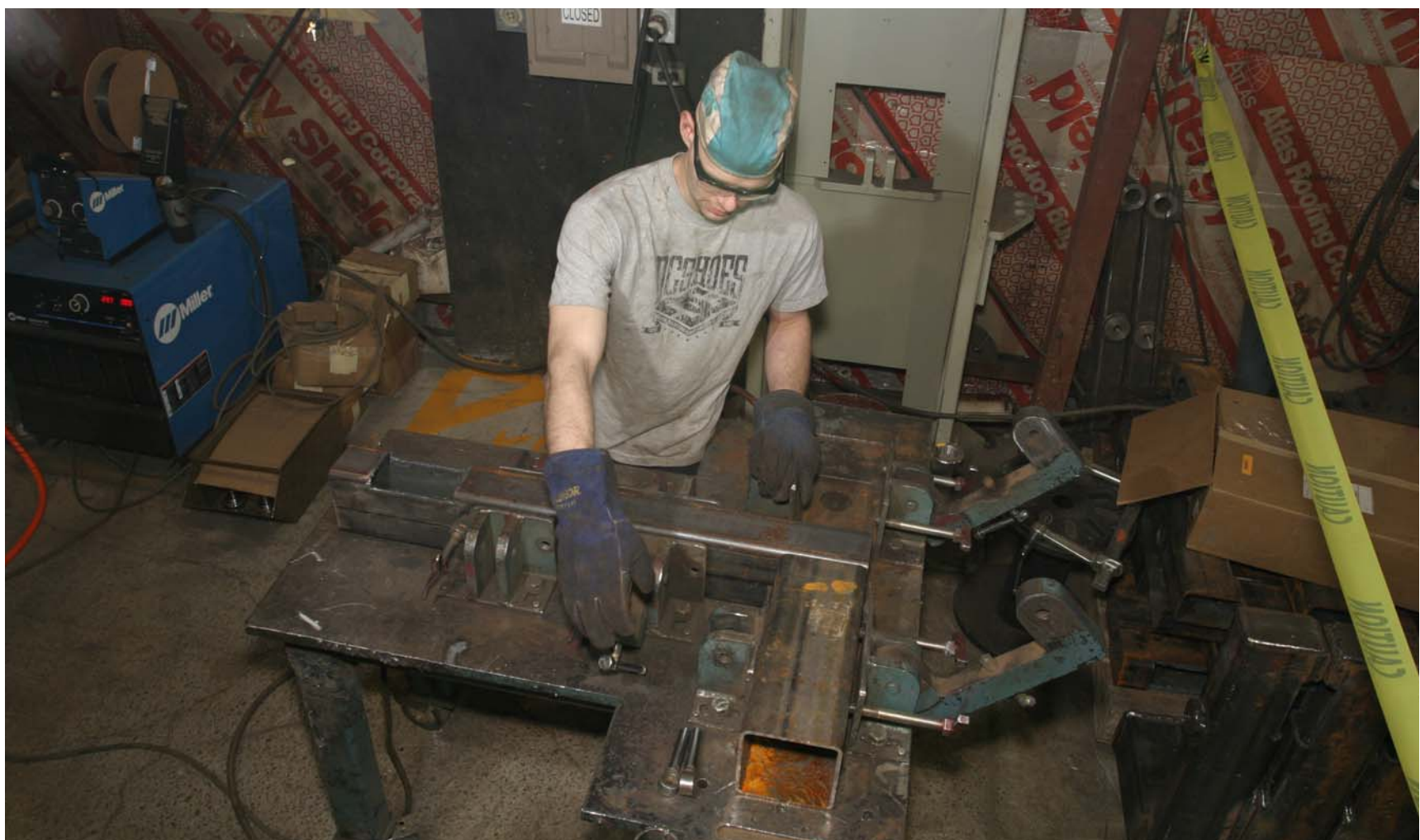
WELDING PARTS IN JIG



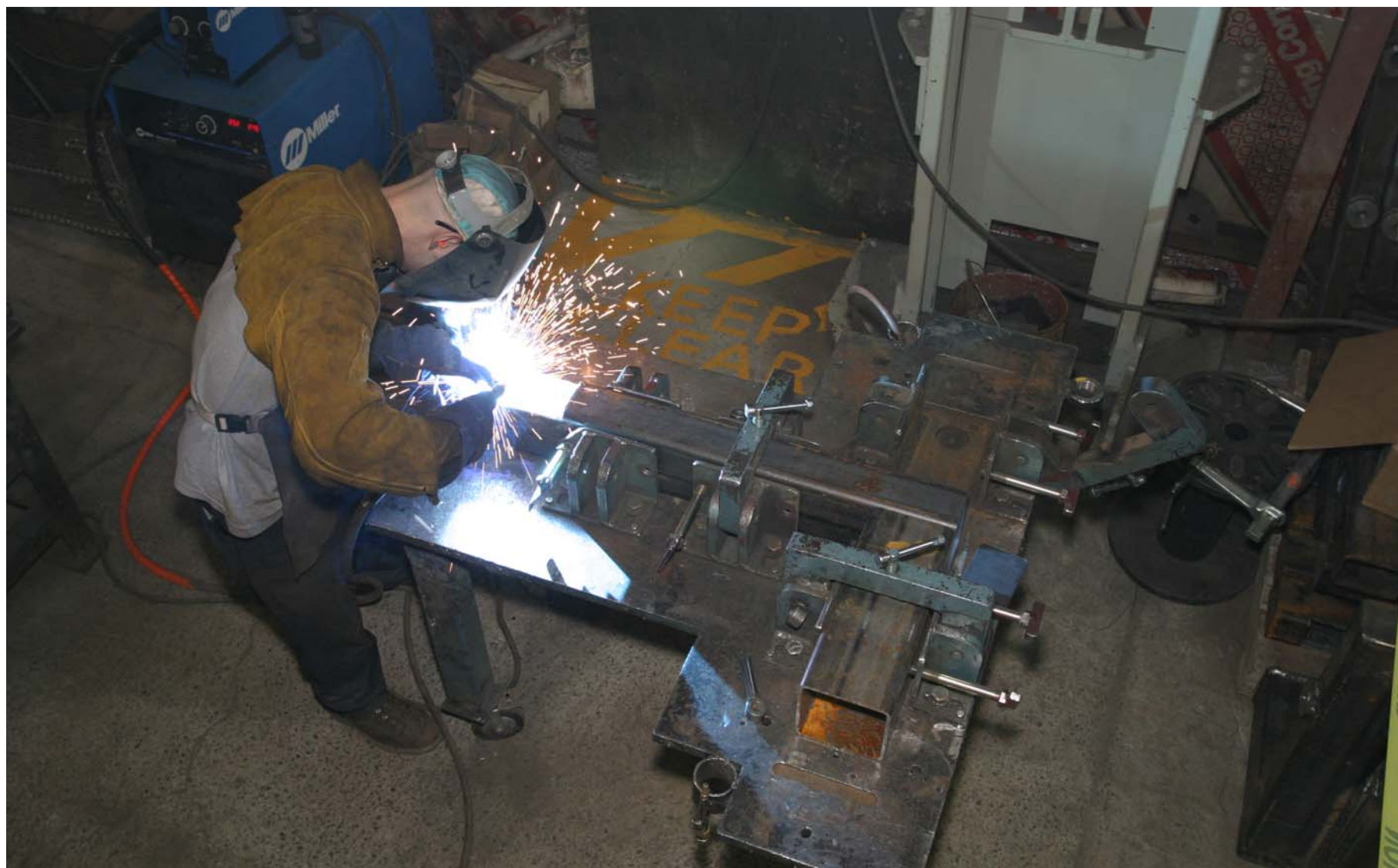
PARTS OF LEG ASSEMBLY BEFORE WELDING



PARTS CLAMPED INTO LEG JIG



WELDING LEG



CLAMPING BOTTOM PLATE TO FINISHED BASE



GRINDING LEG



AIR CYLINDER REMOVING FINISHED LEG FROM JIG



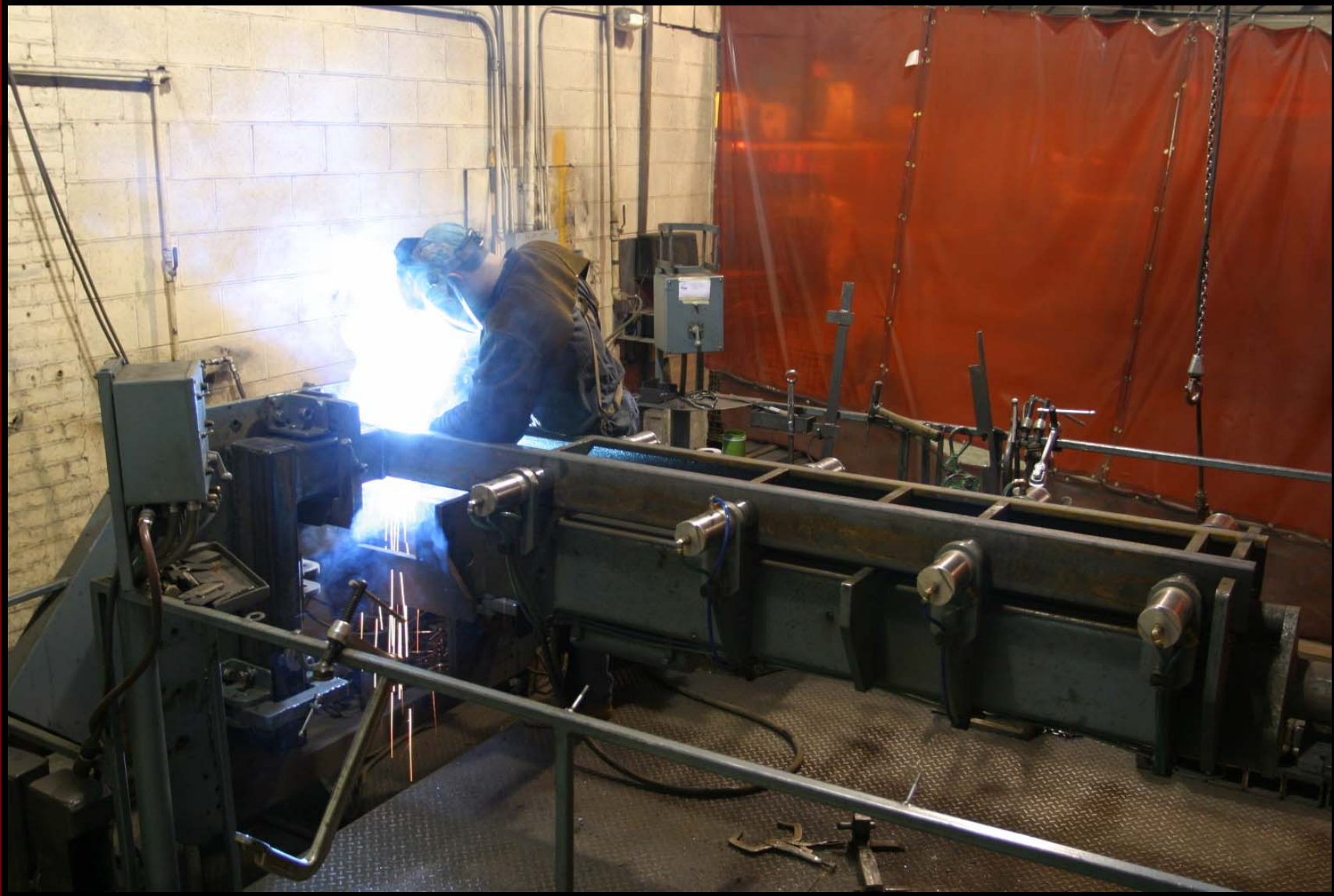
INSERTING LEFT LEG BASE INTO MAIN COLUMN JIG



WELDING JIGS ROTATE 360° GIVING WELDERS ACCESS TO ALL AREAS OF THE COLUMN



WELDING LEG ON TO COLUMN



CLOSE UP
OF
MOHAWKS
HIGH
QUALITY
WELDING



COLUMNS LATERAL SUPPORTS WELDED IN PLACE



$\frac{3}{4}$ " THICK MECHANICAL LOCK PIVOT POINT.



CLAMPING ON PALLET JACK SUPPORT



STRUCTURAL SUPPORT GUSSETT TACKED TO COLUMN



MOUNTS FOR ENCODER AND LOCK RELEASE SOLENIOD



COMPLETED COLUMN BEING REMOVED FROM THE WELDING JIG



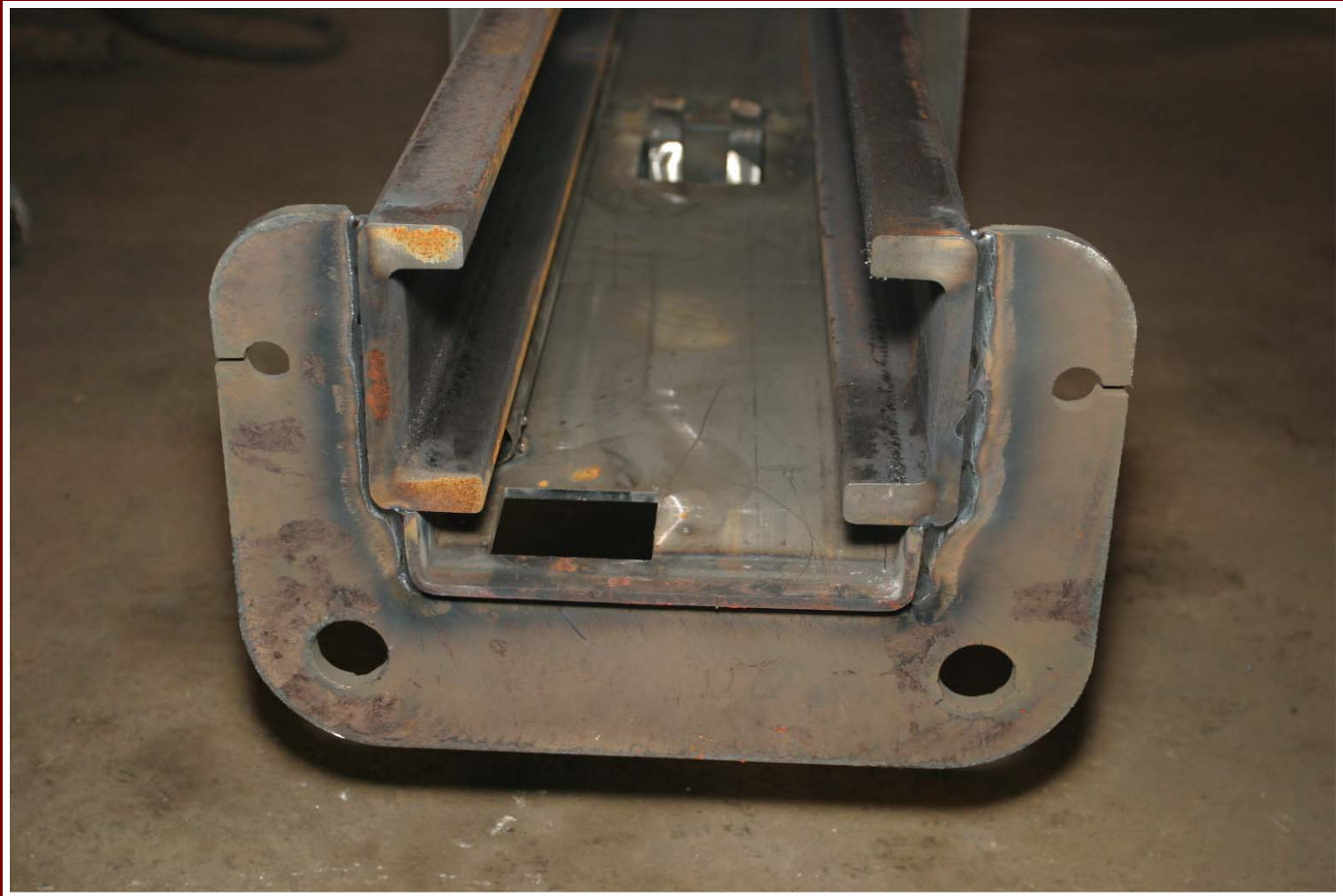


- WELDED COLUMN (COMPLETE)

GRINDING OFF WELD SPATTER



TOP DOWN VIEW OF
COMPLETED COLUMN SHOWING
 $\frac{3}{4}$ " FORKLIFT SECTIONS



COLUMNS IN PAINT BOOTH (TAPED AND READY FOR PAINT)



PAINING COLUMN



ADJUSTABLE LIFTING FORK PARTS BEFORE WELDING



FORK ASSEMBLY (TOP OF FORK ASSEMBLY TACKED TO BASE AND TUBE)



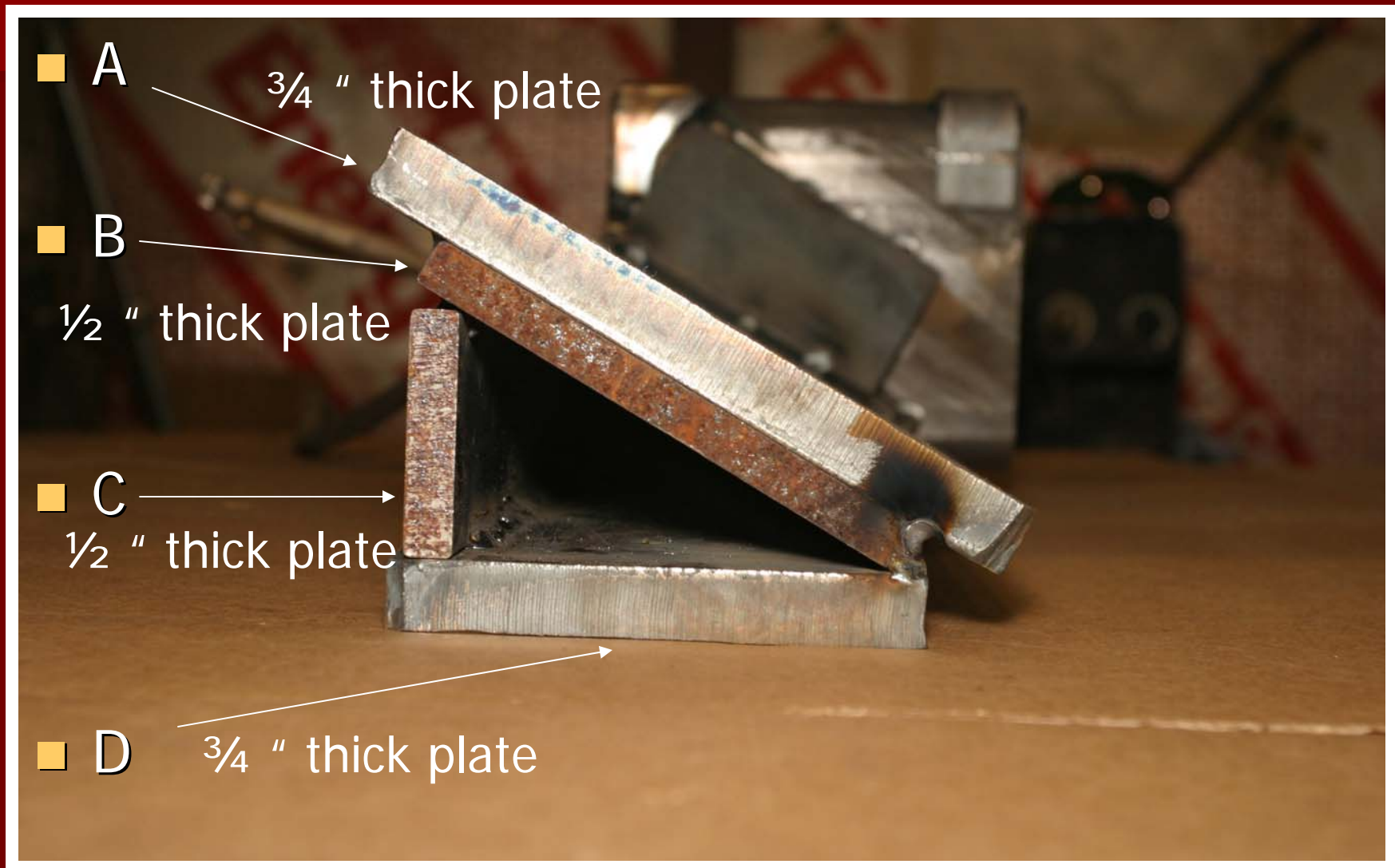
WELDING ADJUSTABLE LIFTING FORK



22 INCH FORK ASSEMBLY TACKED & READY TO WELD



END VIEW OF ADJUSTABLE LIFTING FORK



ADJUSTABLE LIFTING FORKS SIDE BY SIDE

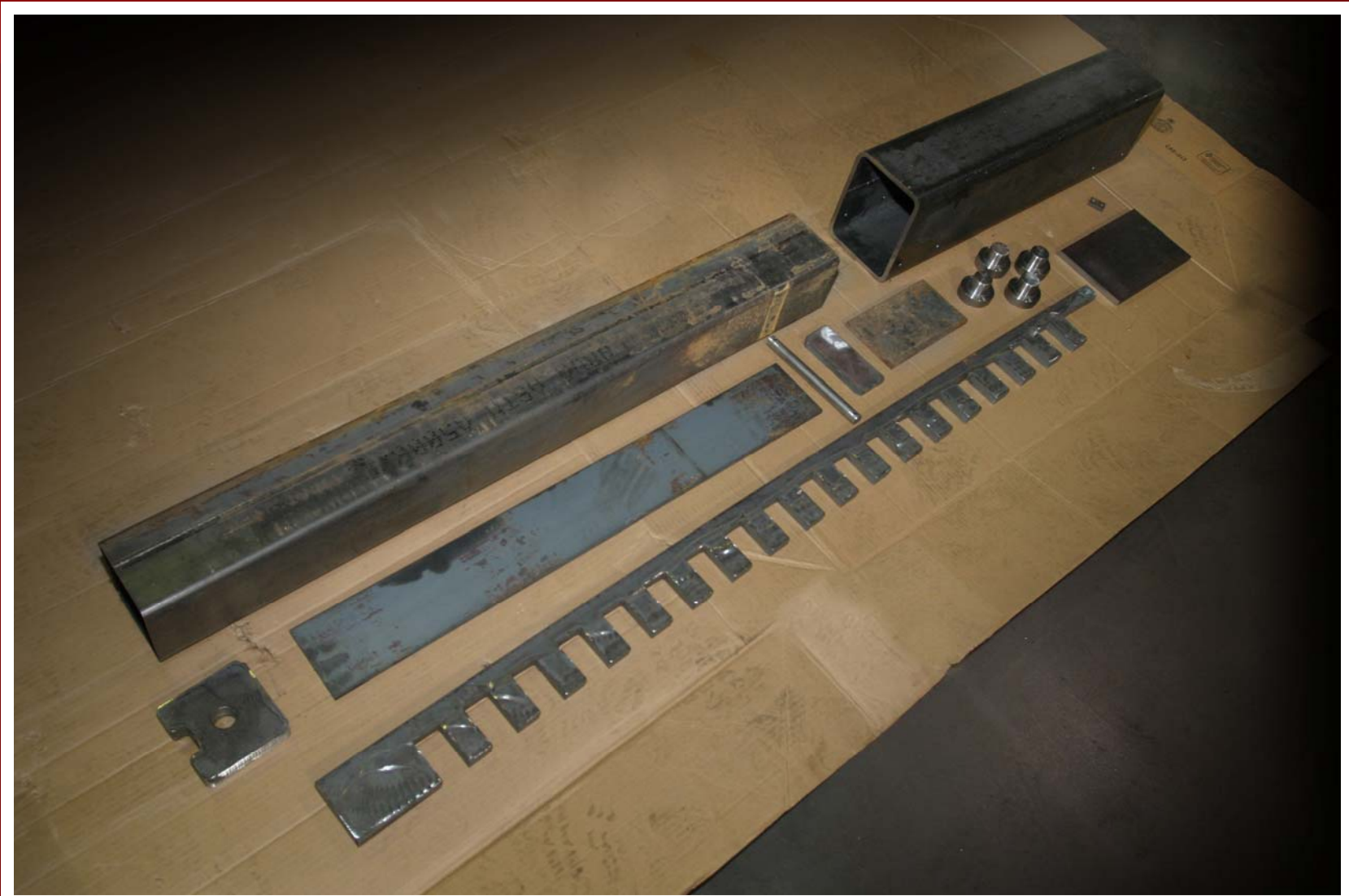
- NOTE HANDLES ON END OF FORKS FOR EASE OF MOVEMENT



PAINING FORKS



CARRIAGE PARTS PRIOR TO WELDING



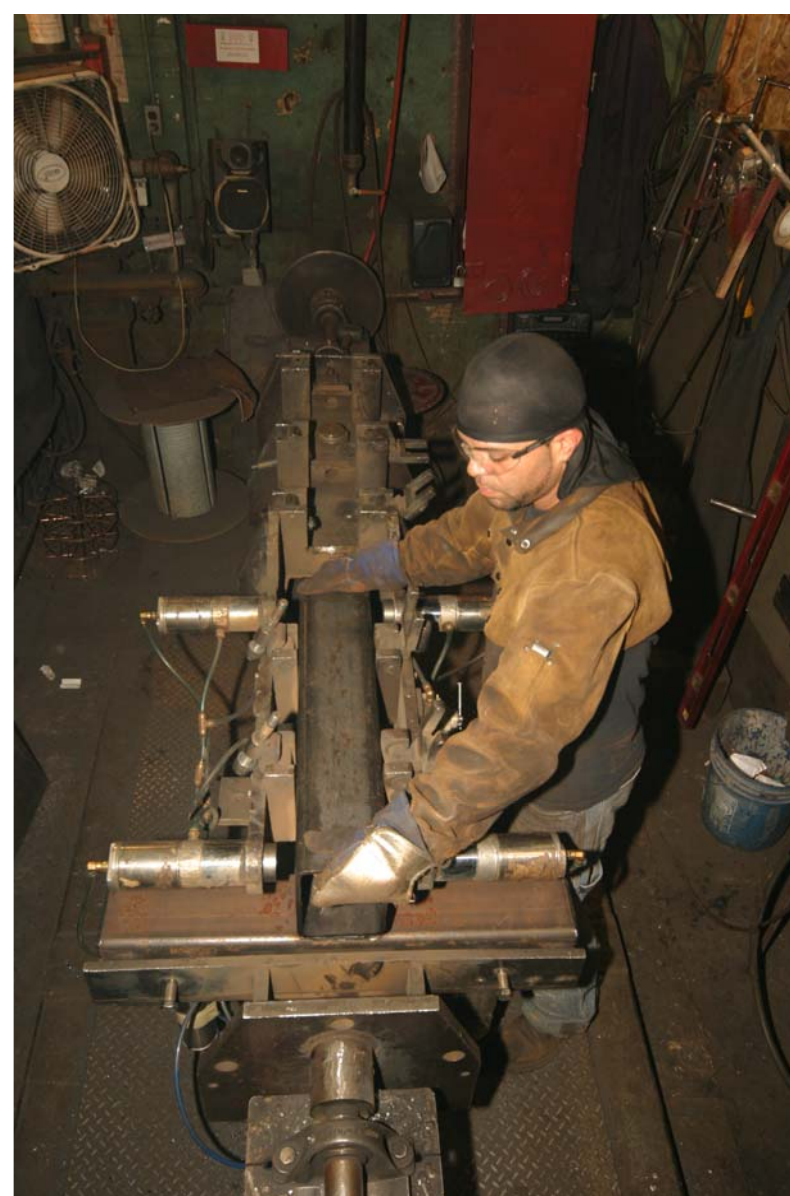
LOWER FORK TUBE TOP VIEW



FORK TUBE IN JIG



PLACING CARRIAGE PARTS IN JIG



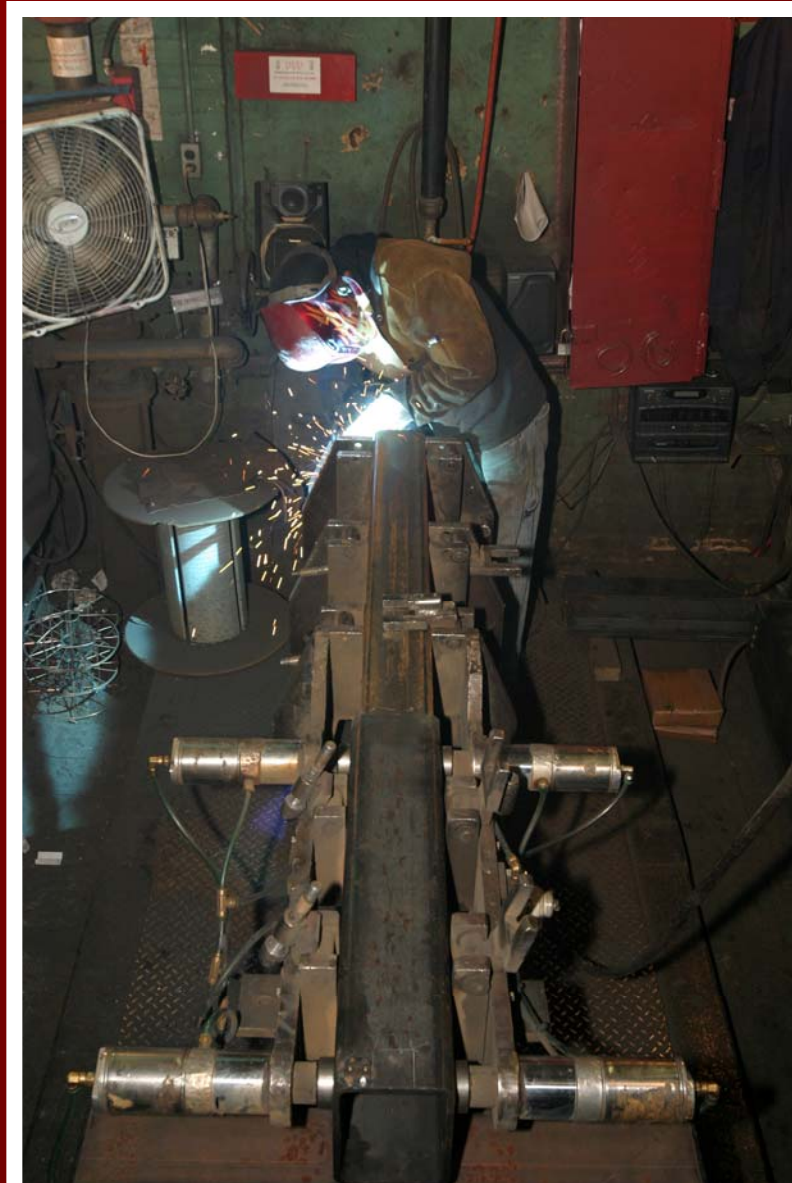
LOCKING BEARING STUB SHAFTS IN PLACE



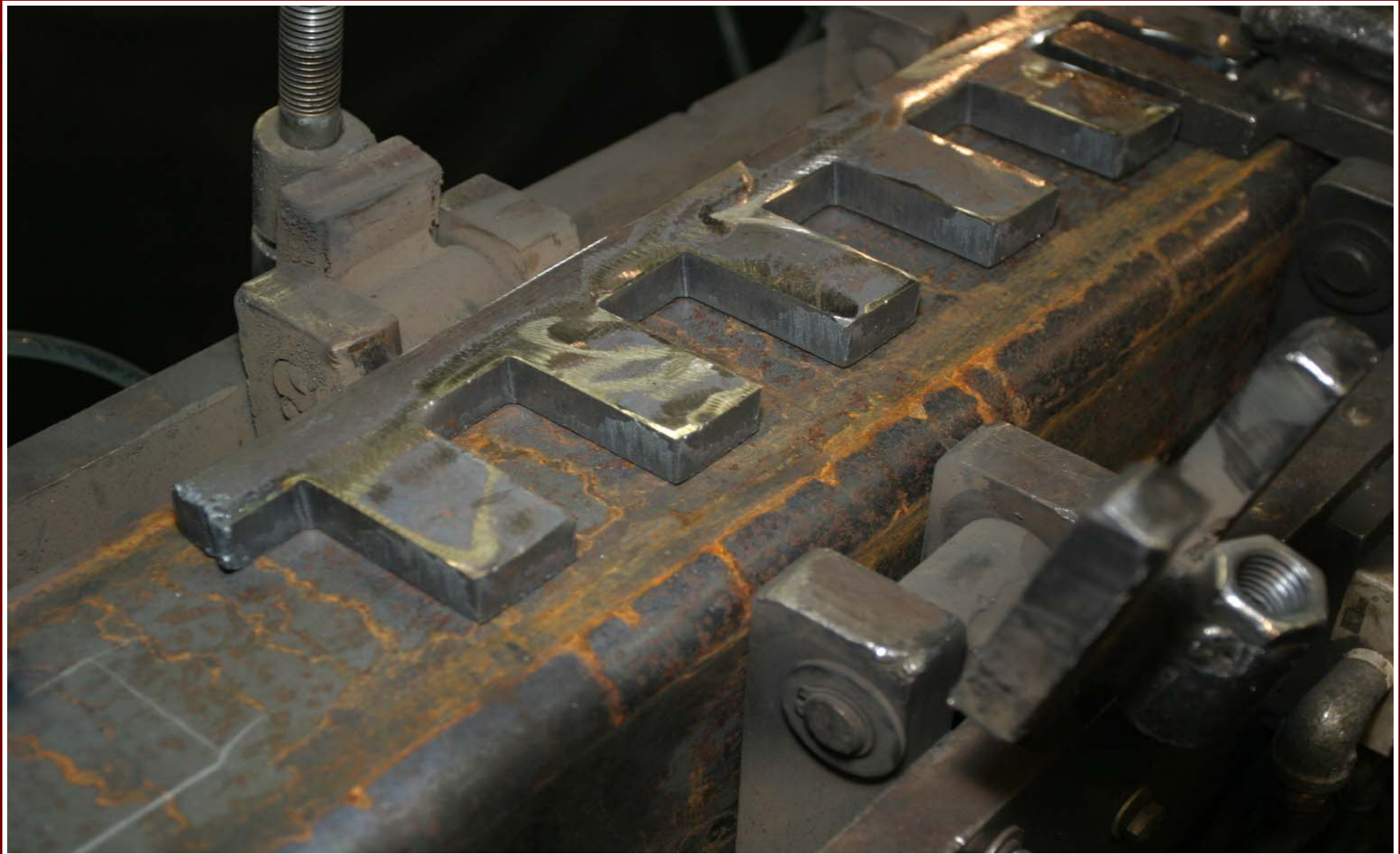
TOP OF CARRIAGE ASSEMBLY



WELDING ON TOP OF CARRIAGE



PLACING MECHANICAL LOCKING LADDER IN WELDING JIG



TACKED LOCK LADDER CLAMPED IN JIG



WELDING LOCK LADDER



REMOVING CARRIAGE FROM JIG



MOVING WELDED CARRIAGES



PREPARING FOR PAINT BY REMOVING WELDING SLAG



CARRIAGES READY FOR PAINTING



CARRIAGES BEING PAINTED



PAINTED CARRIAGES (BACK VIEW)





- COLUMN READY TO ASSEMBLE

CYLINDERS



CYLINDER BOLTED INTO COLUMN



FINISHED CARRIAGES READY FOR ASSEMBLY



CARRIAGE BARREL BEARING AND SLIDE BLOCK



CARRIAGES BEING PLACED IN COLUMN



TOP VIEW OF COLUMN ASSEMBLY



RETAINING BOLT BETWEEN CYLINDER & CARRIAGE



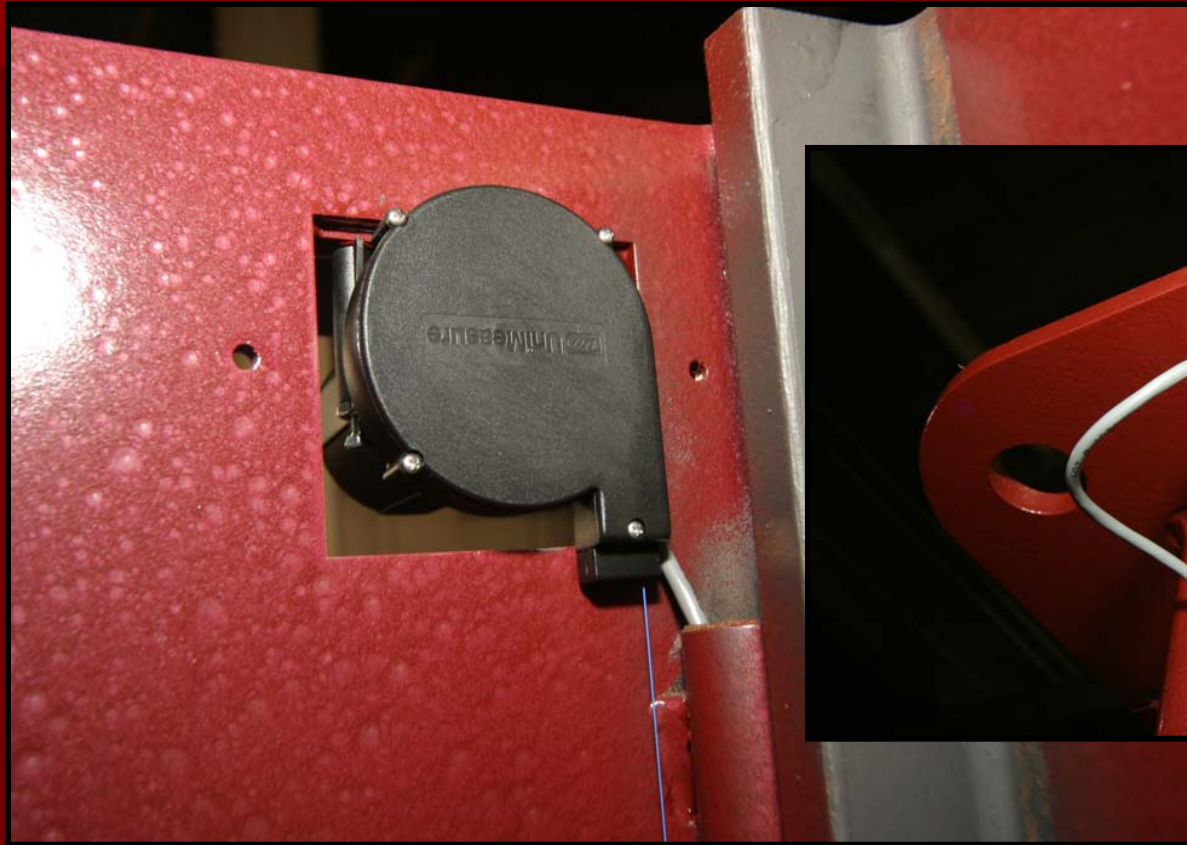
LEG AND WHEEL RETRACTABLE WHEEL ASSEMBLY



RETRACTABLE WHEELS INSTALLED



ENCODER INSTALLED IN COLUMN



ACCESS PORT IN COLUMN BACK



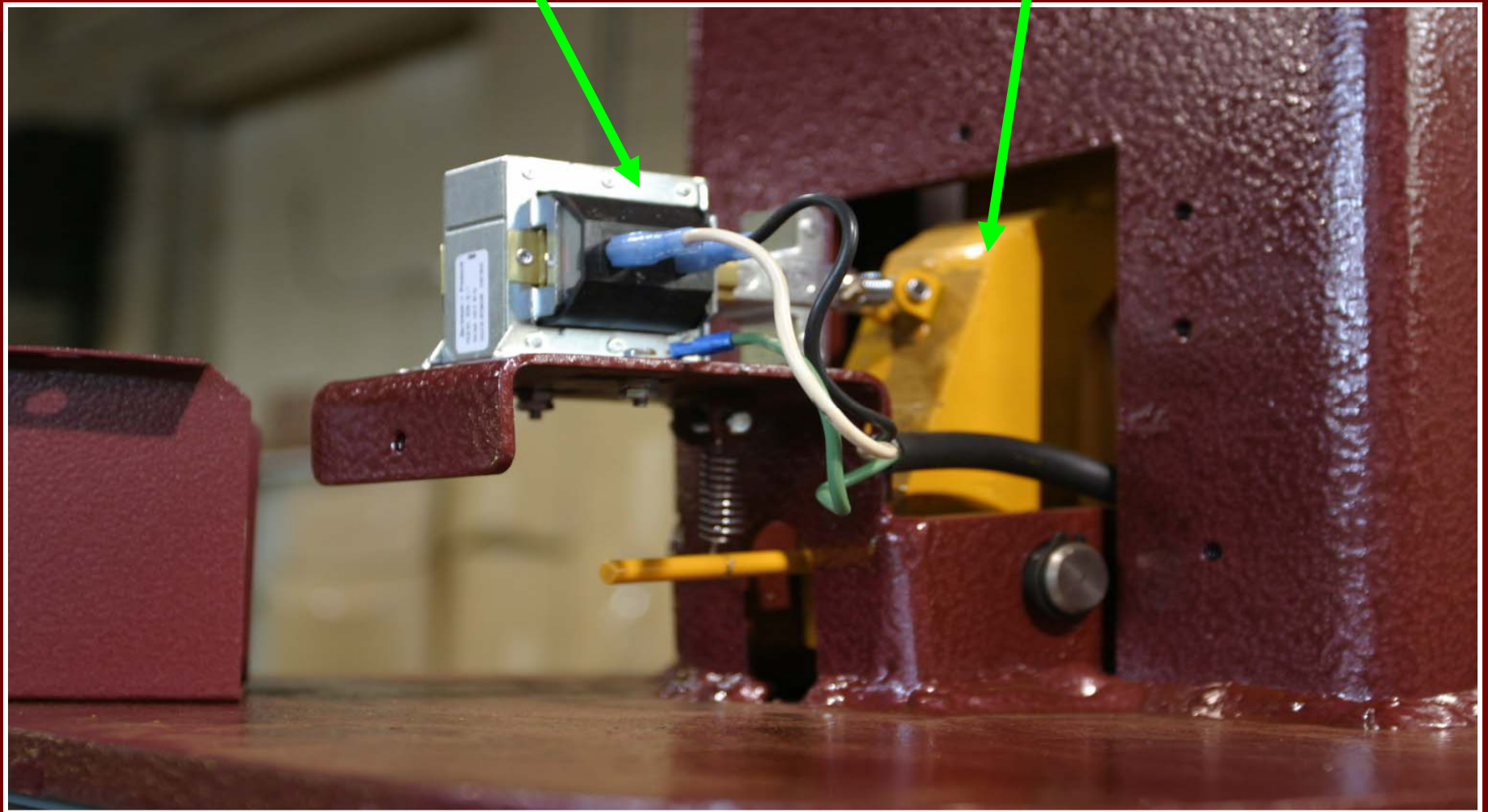
MOUNTING CONTROL BOX



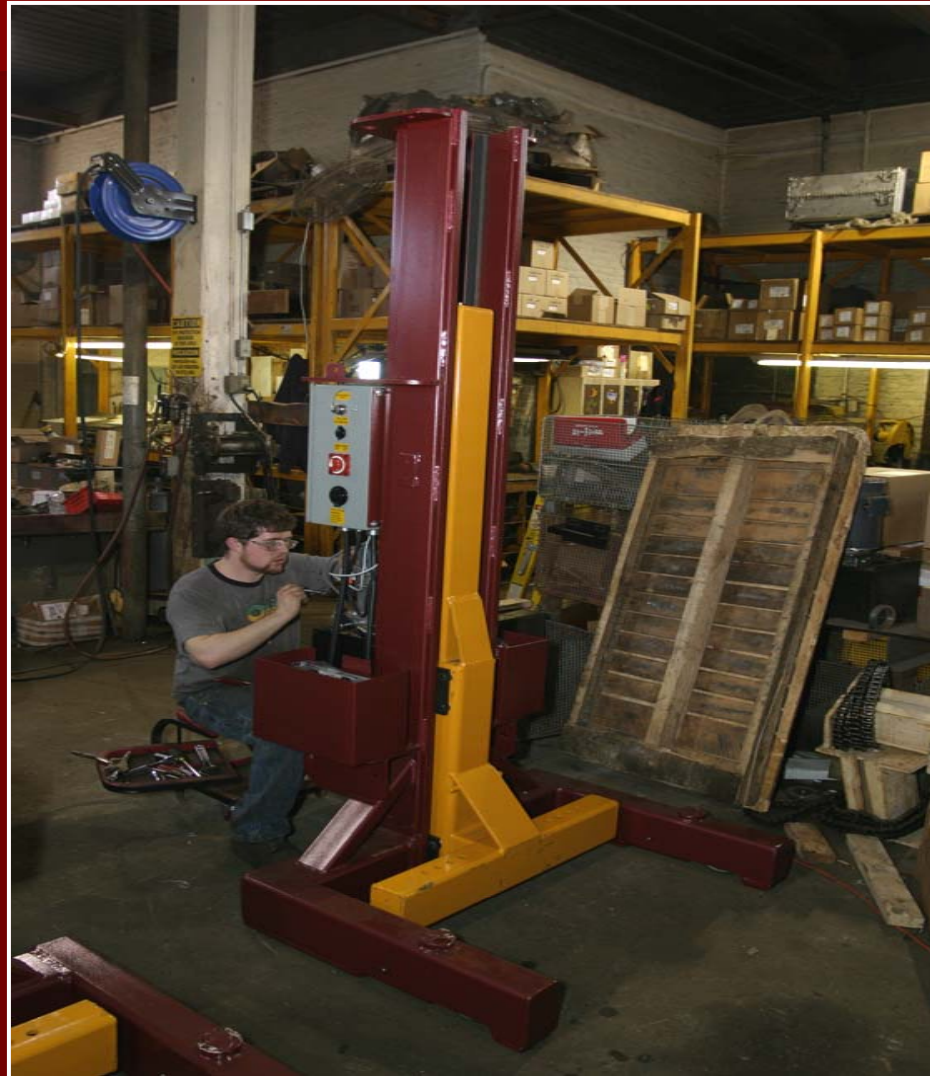
MOUNTING OF POWER UNIT AND CONTROL BOX



SOLENOID & 1½" THICK LOCK BODY



ASSEMBLY OF DC (BATTERY OPERATED) COLUMN



FRONT OF "DC" CONTROL BOX





■ CHARGING UNIT
110 VOLT AC

■ 12 VOLT
BATTERY
(ONE OF TWO)

"DC" CONTROL CONSOLE FROM SIDE VIEW SHOWING



A) COMMUNICATION PORT

B) 12 VOLT AUX. Port

C) ON OFF SWITCH

D) 110 VOLT OUTLET TO RECHARGE BATTERIES

"DC" BOX LEFTSIDE



- Communication port
- Auxiliary outlet
- Descent alarm
- Hand pendant port

FRONT VIEW AC CONTROL PANEL

■ Fault Light

■ Raise

■ Lower

■ Reset



■ Power Light

■ Park

■ Single –All-
Pair Switch

■ Emergency
Stop

SIDE VIEWS OF "AC" CONTROL BOX

Communication Port

Power Cable Connection

Lockable
Power Switch



SIDE VIEW OF "AC" BOX



Communication Port

Hand Pendant
Control Port

TESTING BEFORE SHIPMENT



FORK LIFT SHIPPING TUBES



COMPLETED COLUMNS



SHRINK WRAPPING TO SHIP



COMPLETE AND PACKAGED LIFTS READY FOR SHIPPING



MOHAWK MOBILE COLUMN LIFT OPTIONS



■ FRONT TO REAR
BUMPER ADAPTER
RAISES VEHICLES
SO THE
TIRES HANG FREE



MP SERIES DOUBLE WIDE COLUMN

- ONE COLUMN DOES THE WORK OF TWO FOR TANDEM REAR AXLES



WING PLOW AND RV SLIDE ADAPTER

- ALLOWS COLUMNS TO LIFT VEHICLES WITHOUT FORKS TOUCHING THE TIRES



HAND PENDANT CONTROL

- ALLOWS TECH TO WALK AROUND AND SEE ALL COLUMNS WHILE RAISING & LOWERING THE LIFT



WEIGHT GAUGE AND SLOPE INDICATOR



JACK STANDS

- LOW, MEDIUM OR HIGH RISE JACK STANDS PERMIT COLUMNS TO BE REMOVED TO RAISE ANOTHER VEHICLE.



FORK LIFT ADAPTER

- ALLOWS
2 COLUMNS TO
SERVICE
FORK LIFTS



CHASSIS LIFTING BEAM

- ALLOWS VEHICLES TO BE RAISED WITH TIRES HANGING FREE



AUTO FRAME ADAPTER

- LIFTS PASSENGER CAR AND TRUCKS FROM THE SIDE OF THE VEHICLE



MOHAWK LIFTS

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