

TOOL AND MACHINERY GUIDE



402-253-2772

WEBSITE: WCWRAIL.COM

Title: Draft Gear Assembly Table

Prepared By: Wulf's Custom Welding

Document No. 0291-1

Date: June 28, 2010

SUBJECT: DRAFT GEAR ASSEMBLY TABLE

Capacity: This table has a rated capacity of 2,000 pounds.

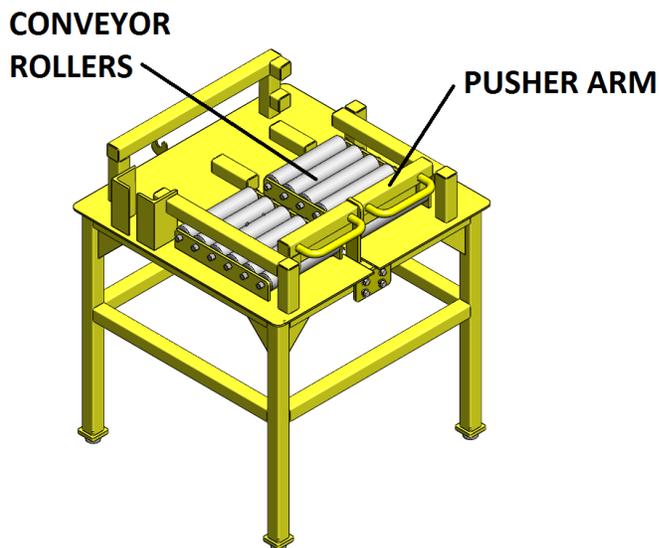


FIGURE 1

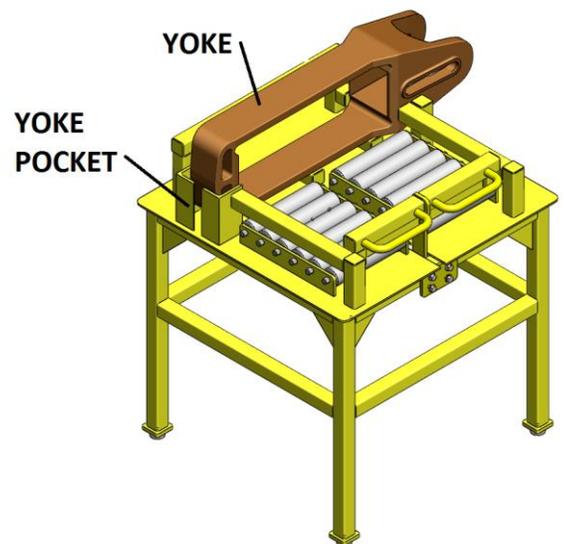


FIGURE 2

TECHNICAL SPECIFICATIONS:

Available Through:

Wulf's Custom Welding
19102 So. 156th Street
Springfield, NE 68059
Tel: 402-253-2772
Fax: 402-253-9092
Website: wcwrail.com
Reference Part Number: 0291-1

Fixture Weight: 650 Pounds
Base Construction Material: All steel.

DESCRIPTION:

This table is used to assemble the draft gear and follower block into the yoke. It will work with all standard length E and F draft gears components. It has no other intended uses.

INSTRUCTIONS FOR USE:

DRAFT GEAR COMPONENT ASSEMBLY:

WARNING: Ensure car(s) are properly secured with hand brakes and/or chocks before attempting to perform draft gear removal or installation.

WARNING: Be observant of the Red Zones within your work area.

WARNING: Ensure Blue Flag protection is set in accordance with current operating rules before fouling any track or performing any type of repair work.

1. Inspect the table before use. All the conveyor rollers must be in place and moving freely (Figure 1). The table pusher arm must be in the retracted (open) position.
2. Using either a crane or a forklift equipped with a lifting hook, place a yoke into the table yoke pocket. The yoke must be upright and in the horizontal position before placement. Do not attempt to rotate or position the yoke once it has been placed on the table (Figure 2).

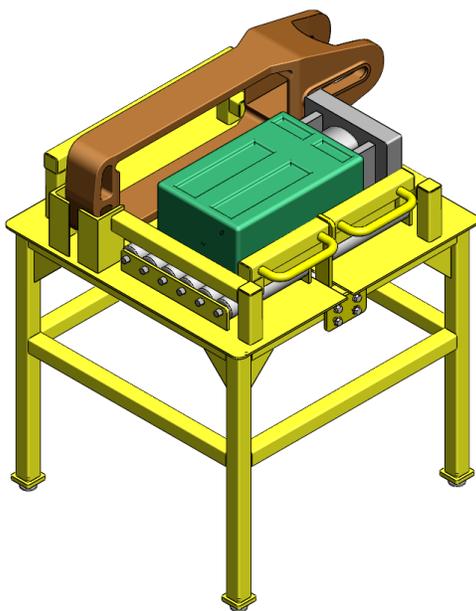


FIGURE 3

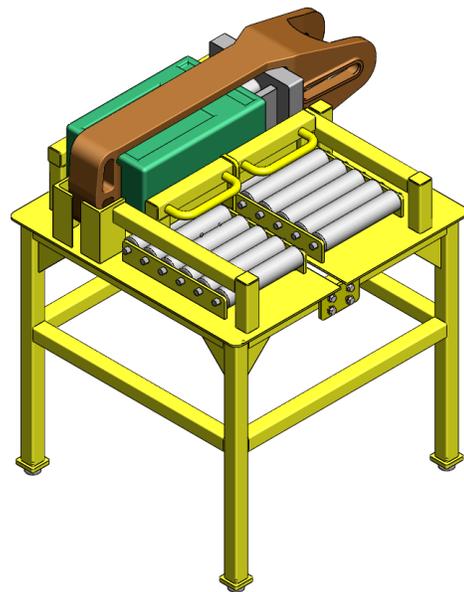


FIGURE 4

3. Use the crane or forklift to place the draft gear on the conveyor rollers next to the pusher arm. The yoke must be in the horizontal position before placement. Do not attempt to rotate or position the draft gear once it has been placed on the table (Figure 3).
4. Use the crane or forklift to place the follower block on the conveyor rollers next to the pusher arm in front of the draft gear. Do not attempt to rotate or position the follower block once it has been placed on the conveyor rollers (Figure 3).

5. Grab the two handles on the pusher arm and push the draft gear components into the yoke until they are fully seated. Keep your hands and fingers away from the draft gear components while they are assembling (Figure 4).
6. Pull the pusher arm back to the open position. Remove the completed assembly for installation into the freight car.

SAFETY PRECAUTIONS:

WARNINGS: Noncompliance could cause injury to employees

CAUTIONS: Noncompliance could cause damage to equipment

NOTES: Pertinent information

1. WARNING: Wear personal protective equipment in accordance with current Safety and General Conduct Rules as required.
2. WARNING: Keep hands and fingers away from all the draft gear components during assembly
3. WARNING: Keep all parts of your body out from under draft gear components during assembly or handling.
4. CAUTION: Do not attempt to rotate the draft gear components while they are on the table. Severe damage to the conveyor rollers could result.