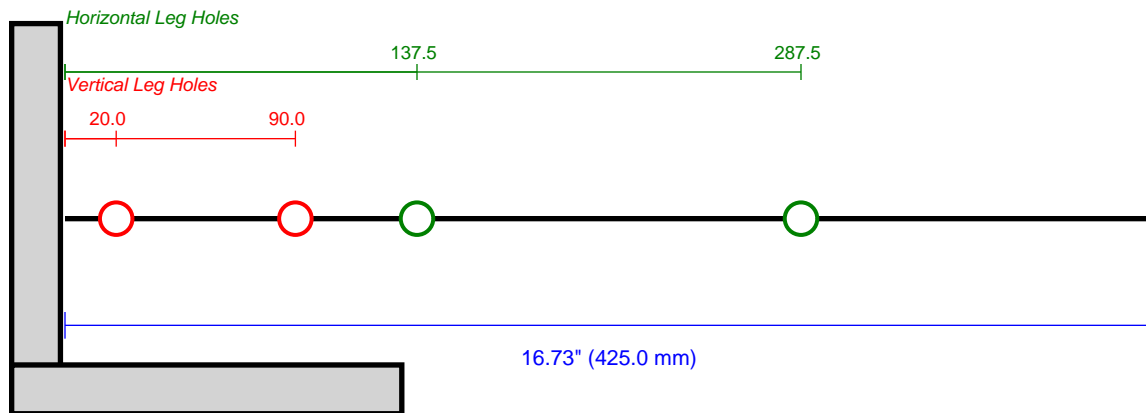


Part A1: Platform Angle Arm

Quantity Needed: 2

Material: 2" x 2" x 1/4" Angle Iron

Material: 2" x 2" x 1/4" Angle Iron



(3D renders require OpenSCAD)

Manufacturing Operations:

- ☐ 1. Cut 2" x 2" x 1/4" Angle Iron to 16.73" (425.0 mm)
- ☐ 2. Drill 1/2" hole at 0.79" (20.0 mm)
 - Pivot bracket bolt 1 (vertical leg)
- ☐ 3. Drill 1/2" hole at 3.54" (90.0 mm)
 - Pivot bracket bolt 2 (vertical leg)
- ☐ 4. Drill 1/2" hole at 5.41" (137.5 mm)
 - Deck bolt 1 (horizontal leg)
- ☐ 5. Drill 1/2" hole at 11.32" (287.5 mm)
 - Deck bolt 2 (horizontal leg)

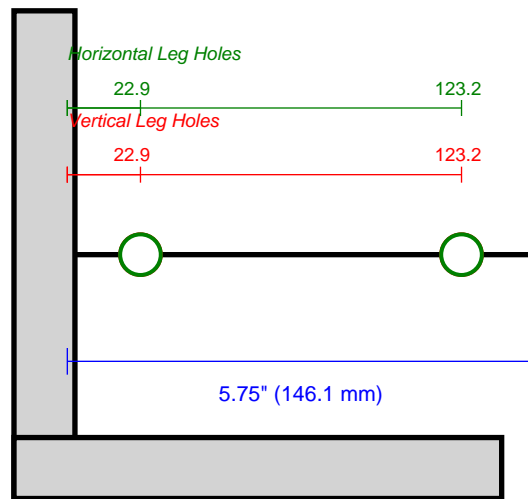
Notes: Make one left and one right (mirror image). Two pivot holes through vertical leg, two deck holes through horizontal leg.

Part A2: Frame Tube Mounting Angle

Quantity Needed: 16

Material: 2" x 2" x 1/4" Angle Iron

Material: 2" x 2" x 1/4" Angle Iron



(3D renders require OpenSCAD)

Manufacturing Operations:

- ☐ 1. Cut 2" x 2" x 1/4" Angle Iron to 5.75" (146.1 mm)
- ☐ 2. Drill 1/2" hole at 0.90" (22.9 mm)
 - Plate mounting bolt 1
- ☐ 3. Drill 1/2" hole at 4.85" (123.2 mm)
 - Plate mounting bolt 2
- ☐ 4. Drill 1/2" hole at 0.90" (22.9 mm)
 - Tube mounting bolt 1 (other leg)
- ☐ 5. Drill 1/2" hole at 4.85" (123.2 mm)
 - Tube mounting bolt 2 (other leg)

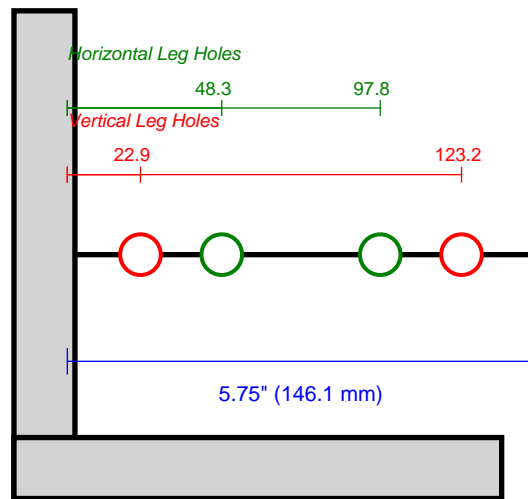
Notes: Used to mount frame tubes to side panels. 2 per tube x 2 tubes x 4 panels = 16 total.

Part A3: Loader Arm Mounting Angle

Quantity Needed: 4

Material: 2" x 2" x 1/4" Angle Iron

Material: 2" x 2" x 1/4" Angle Iron



(3D renders require OpenSCAD)

Manufacturing Operations:

- ☐ 1. Cut 2" x 2" x 1/4" Angle Iron to 5.75" (146.1 mm)
- ☐ 2. Drill 1/2" hole at 0.90" (22.9 mm)
 - Plate mounting bolt 1
- ☐ 3. Drill 1/2" hole at 4.85" (123.2 mm)
 - Plate mounting bolt 2
- ☐ 4. Drill 1/2" hole at 1.90" (48.3 mm)
 - Beam mounting bolt 1 (other leg)
- ☐ 5. Drill 1/2" hole at 3.85" (97.8 mm)
 - Beam mounting bolt 2 (other leg)

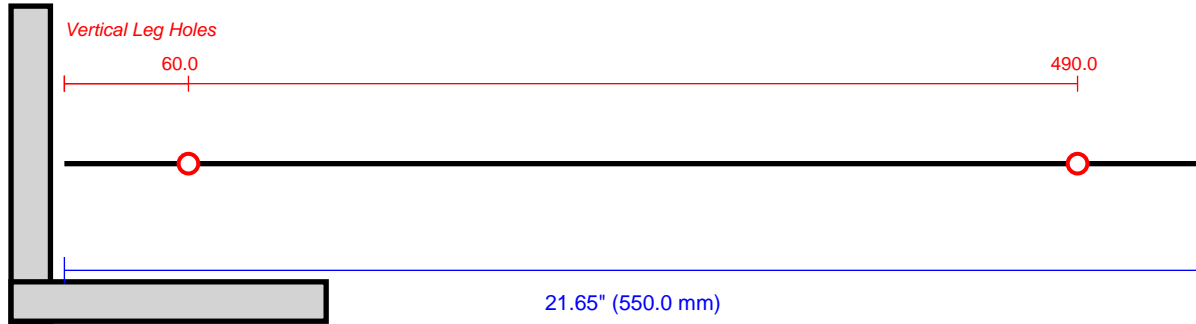
Notes: Connects loader arm to side panels. 2 per arm x 2 arms = 4 total.

Part A4: Side Panel Vertical Angle (Tall)

Quantity Needed: 8

Material: 2" x 2" x 1/4" Angle Iron

Material: 2" x 2" x 1/4" Angle Iron



(3D renders require OpenSCAD)

Manufacturing Operations:

- ☐ 1. Cut 2" x 2" x 1/4" Angle Iron to 21.65" (550.0 mm)
- ☐ 2. Drill 3/8" hole at 2.36" (60.0 mm)
 - Panel mounting hole
- ☐ 3. Drill 3/8" hole at 19.29" (490.0 mm)
 - Panel mounting hole

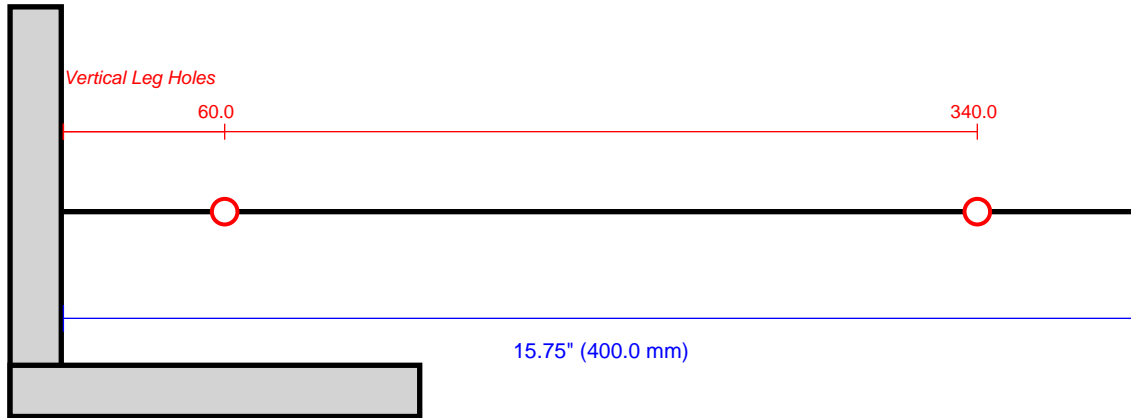
Notes: Vertical stiffeners for side panels. Varies in height per panel section.

Part A5: Bottom Plate Horizontal Angle (Front)

Quantity Needed: 8

Material: 2" x 2" x 1/4" Angle Iron

Material: 2" x 2" x 1/4" Angle Iron



Manufacturing Operations:

(3D renders require OpenSCAD)

- ☐ 1. Cut 2" x 2" x 1/4" Angle Iron to 15.75" (400.0 mm)
- ☐ 2. Drill 3/8" hole at 2.36" (60.0 mm)
 - Plate mounting hole
- ☐ 3. Drill 3/8" hole at 13.39" (340.0 mm)
 - Plate mounting hole

Notes: Bottom plate stiffeners. Split pattern to clear wheel axles.