Main Frame

3/8" thickness

1/2" holes for Head Stock

1/2" rods
2"x1/8" angle welded to frame

3/4" angle

Jack Stand rail
1"x1"x1/8" angle.
see Jack Stand for dimensions

1/2" holes

3/8" hole for Legs
12 1/2" from bottom

3/8" holes for Legs 1" from bottom

1/2" holes for Lifter bearings

Bevel Washers
Legs and Jack Stand

20 tonne jack and stand

Jack stand is 5" and 5 3/4" U Channel welded.

2"x2"x1/4" flat bar, 3/8" hole

2"x2"x1/4" angle, 3/8" hole

2"x1/4" flat bar
Head Stock

1/2" Steel Plate 180mm R
Drill 3/8" holes 120deg
150mm R to match with bolts in lip of male mold.
welded to U channel.
**H Slide**

- **U Channel 3/8" thickness**
- **1/2" steel plate. 5/8" hole in center.**
- **1/2" steel plate.**
- **1/2" steel plate.**
- **5/8"x5 1/8" Bolt**

U Channel 3/8" thickness

- **2 1/2"**
- **2"**
- **5 1/8"**
- **9"**
- **5 3/4"**

Welded corner brace

1" tubing 2" long welded to U Channel

5/8"x5 1/8" Bolt
Lifter Pg1

Outer Bearing
Tubing 1/8" thick x 2" x 2" I.D to match
Inner Bearing O.D
welded to
1/4"x 7"x 2" flat bar
1/2" holes 5" apart
to match Main
Frame. See Detail
Lifter Pg2

1"x1/8"x50"
Extension Bar fits
inside Lever

Axle is 1
1/4"x1/8"x24"
see detail pg2

Left Lifter Arm
Upper

Left Lifter Arm
Lower

Right Lifter Arm
Upper

Right Lifter Arm
Lower

Right Outer
Bearing

Right Inner
Bearing

Left Outer
Bearing

Left Inner
Bearing

1 1/4"x1/8"x12"
Lever
**Axle and Lever**

Axle is 1 1/4"x1/8"x24" Inner bearing is welded to axle, inner bearing OD must match Outer Bearing ID by 1/16".

Center of Lever is welded 5 1/2" from end of Axle.

Inner Bearing has 2" OD to match Outer Bearing ID.