Guo Zhong International Limited
Dongguang county, Cangzhou city, Hebei province, Hebei - 061600, China
Hydraulic Hot Forming Elbow Machine

**Applicable material:** our machine is for carbon steel, stainless steel and alloy steel seamless and semi-seamless elbow production;

**Elbow size:** from 1/2 inch to 30 inch, thickness max 50 mm;

**Advantage:** easy operating, higher speed, small waste of raw material

2. **Market:** Till now, we have exported our machines to Russia, Egypt, Malaysia, India, Turkey, Indonesia and Jordan etc.

3. **After sale service of our machine:**
   Within one year all spare we will provide free of charge in case machine problem, we will send technician in time to solve problems and help clients production, if client buy new machine from us, we will keep our technician 15 days in clients factory to teach client how to operate our machine well.

**Technical parameter of machine:**

4 inch hydraulic hot forming elbow making machine
Mode No.: TZW-IB-114
Details of the machine:
Max Elbow size: OD 114 mm*8.56 mm

**Ram Cylinder:**

<table>
<thead>
<tr>
<th>Piston</th>
<th>Ram</th>
<th>Cylinder Valid Travel</th>
<th>Max Thrust</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Φ125m</td>
<td>Φ90m</td>
<td>Φ152</td>
<td>2500 mm</td>
<td>51.5T</td>
</tr>
</tbody>
</table>

**Pump:**

2 grade pumper of integrated connection
1. 40SCY-14-1B: 1 set
CB-50: 1 set
2. Motors:
Y-7.5kw: 1 set
Y-5.5kw: set
3. Operation Platform: 1 set
Medium-Frequency Heating System: Mode No.: KGPS-80KW
Weight of the machine: 2.5 tons
Dimension: L*W*H: 5800 mm*700 mm*900 mm

12 inch hydraulic hot forming elbow making machine
Mode No.: TZW-IB-325
Details of the machine:
Max OD: 325 mm
a. Ram Cylinder

<table>
<thead>
<tr>
<th>Piston</th>
<th>Ram</th>
<th>Cylinder</th>
<th>Valid Travel</th>
<th>Max Thrust</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Φ200m</td>
<td>Φ160m</td>
<td>m</td>
<td>Φ245</td>
<td>4000mm</td>
<td>78.5T</td>
</tr>
</tbody>
</table>

b. Pump:
3 grade pump of integrated connection
1. 63SCY-14-1B: 1set
2. SCY-14-1B: 1set
3. CY-50: 1set
4. CY-25: 1set
5. Y-18.5kw: 1set
6. Y-11kw: 1set
7. Y-15kw: 1set
8. Y-4kw: 1set

2. Motors:
- Y-18.5kw: 1set
- Y-11kw: 1set
- Y-15kw: 1set
- Y-4kw: 1set
3. Operation Platform: 1set

c. Raw material of main machine part:
Main part 200mm x 160mm square pipes and steel plate THK 18mm-22mm

d. Medium-frequency part: 250KW
Main machine: 1set (250kw)
Work capacity of the machine: 1460kgs/hour
Power need per ton: 330kw
Weight of the machine: 8tons
Dimension: L*W*H: 10000mm*1400mm*2200mm

24 inch hydraulic hot forming elbow making machine
Mode No.: TZW-IB-600
Max OD: 610mm
Details of the machine:

b. Pumper:
4 grade pump of integrated connection
1. 63SCY-14-1B: 2set
2. YB-63: 1set
3. YB-25: 1set
2. Motors:
Y-18.5kw: 2set
Y-15kw: 1set
Y-5.5kw: 1set
3. Operation Platform: 1set
Cabinet: 1set
c. Raw material of main machine part:
Channel steel 250mm-280mm and steel plate 25mm-30mm & 80mm
d. Medium-frequency part: 500KW, 1000HZ
Main machine: 1set (500kw)
Cabinet: 1set
Reactor: 1set
Water cable: 2 pieces
Water pipe: 2 pieces
Heating coils: 1 piece
Machine weight: 11tons
Machine size: L11000*W2000*H2200