



STS MANUFACTURING PVT LTD

Specialized in manufacturing & supply of tubular parts, sheet metal fabrication and press components for automotive, defence and infra-structure applications



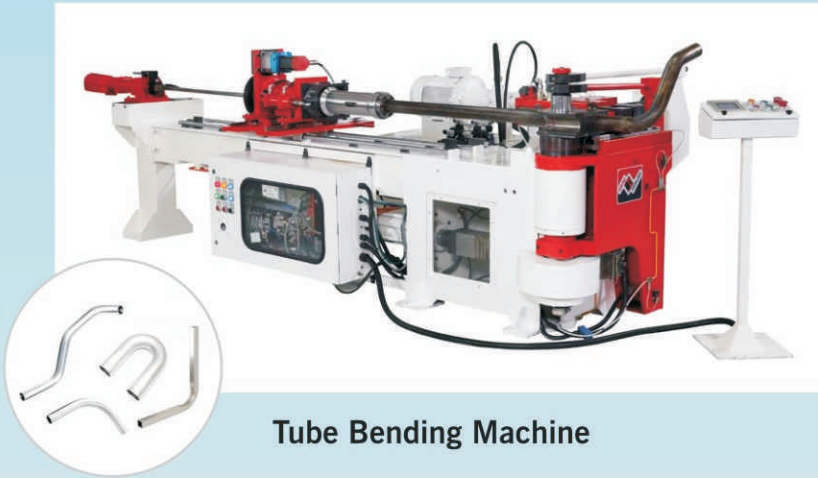
MAKING TOMORROW
BETTER & BRIGHTER

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1. TUBE BENDING & END FORMING MACHINE:

- CNC Tube bender with capacity up to \varnothing 114 x 6 mm thickness and maximum bend radius of 500 mm



Tube Bending Machine



End Forming Machine

TECHNICAL SPECIFICATIONS

PIPE/TUBE BENDING MACHINE

| S.NO. | MODEL NO. | UNIT | 30 NC-X | 65 NC-X | 65 CNC-X | 80 NC - X | 100 NC-X | 100 CNC-3X |
|-------|---------------------|--------------------|----------|----------|----------|-----------|-----------|------------|
| 1. | MAKE | ELECTRO PNEUMATICS | | | | | | |
| 2. | MAX.TUBE OD X THK | MM | D 32 X 2 | D 65 X 4 | D 76 X 4 | D 90 X 4 | D 114 X 6 | D 114 X 4 |
| 3. | MIN. TUBE OD | MM | D 12 | D 12 | D 25 | D 32 | D 50 | D 50 |
| 4. | MAX.BEND RADIUS | MM | 120 | 300 | 300 | 300 | 500 | 500 |
| 5. | MIN.BEND RADIUS | in terms of D | 1.5D | 1.5D | 1.5D | 1.5D | 1.5D | 1.5D |
| 6. | BEND ANGLE RANGE | deg | 5-180 | 5-180 | 5-180 | 5-180 | 5-180 | 5-180 |
| 7. | LENGTH OVER MANDREL | M | 2 | 2 | 2 | 2 | 2 | 4 |

2. HYDRAULIC SHEARING AND CNC PRESS BRAKE:

- Hindustan make Hydraulic Shearing Machine with the capacity of 5.1 meters length and thickness up to 8 mm.
- Hindustan make CNC Press Brake with latest forming technology, capacity up to 6.2 meters length and thickness up to 8 mm.



Hydraulic Shearing Machine



Press Brake

3. AMADA TURRET PUNCHING MACHINE:

- AMADA's AE 2510 NT is an automated punching system that features a 20 ton turret punch equipped with a high capacity tool rack.
- The AE NT series is packed with wide variety of standard features to ensure that parts are produced faster, easier and more economically.



| PUNCHING MATRIX RANGE | | | | | |
|-----------------------|-----------|------------------|-------|-----------|------------------|
| S.NO. | THICKNESS | MAXIMUM DIAMETER | S.NO. | THICKNESS | MAXIMUM DIAMETER |
| 1 | 0.8 | 50 | 6 | 2.5 | 50 |
| 2 | 1 | 50 | 7 | 3 | 40 |
| 3 | 1.2 | 50 | 8 | 4 | 40 |
| 4 | 1.5 | 50 | 9 | 5 | 30 |
| 5 | 2 | 50 | 10 | 6 | 30 |

4. PRESS SHOP:

- We are having variant types of presses for manufacturing of press components with maximum capacity of 300 Tons

| S.NO. | TYPE | TONNAGE | QTY |
|-------|------------------|---------|-----|
| 1 | PNEUMATIC PRESS | 63 T | 1 |
| 2 | HYDRAULIC PRESS | 65 T | 1 |
| 3 | MECHANICAL PRESS | 30 T | 2 |
| 4 | | 50 T | 2 |
| 5 | | 75 T | 1 |
| 6 | | 80 T | 1 |
| 7 | | 100 T | 1 |
| 8 | | 160 T | 1 |
| 9 | | 200 T | 1 |
| 10 | | 300 T | 1 |



Other Facilities

➤ WELDING

We providing best class welding parts done with certified welders using ACM – Manifold System

MIG Welding -TIG Welding - Brazing

➤ RIVETING MACHINE

150 T riveting machine installed for riveting capacity of Dia12 mm for cross members.

➤ LEAK TESTING MACHINE

We ensure 100 % leak testing process for radiator and cac pipes with SPM Leak test machine

➤ POWDER COATING

Conveyorised Plant to perform powder coating and painting activities. Our capacity of powder coating with 3,000 Sq.ft. per day upto 5 meters long parts.

Inside @ STS Shop Floor

- Our Shop floor is well designed with good infrastructure for making fabrication, tubular parts and press components with EOT crane facility for material moving throughout the plant.



Our Honourable Customers



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