

Fitting Works started its operations in December 2015 at Bursa Free Zone, Gemlik, Turkey, as a part of Cimtas Pipe's Integrated Piping Solutions. The facility is capable of manufacturing butt weld fittings, flanges, laterals and branch connections (from 1/2" to 60"), as well as providing induction bending.

Scopes

- Hot Forming, Hot Forming by Mandrel, Cold Forming, Cold Rolling and Machining

Manufacturing Standards

- ASME B 16.9, ASME B 16.25, MSS SP75, MSS SP97, EN 10253, ASME Nuclear

Metallurgy

- Carbon Steel, Low Temp. Carbon Steel, High Strength Ferritic Steel, Alloy Steel, Stainless Steel, Duplex Stainless Steel

Design Codes

- ASME B 31.1, ASME B 31.3, ASME B 31.4, ASME B 31.8, ASME VIII

Induction Bending

- 2.5" (64 mm) - 36" (914 mm)
- Carbon, Stainless Steel, Low & High Alloys (15NiCuMoNb4 5 6, P91, P92)
- Thickness Range: 5 mm - 108 mm (P92)

Fittings, Laterals, Flanges & Induction Bends

| Products | | Diameter | Wall Thickness |
|----------------|------|------------|----------------|
| Elbows | CF | ½" - 20" | 3 - 28 mm |
| | HFM | 24" - 48" | 8 - 50 mm |
| | HFM | 1" - 6" | 3 - 15 mm |
| | HF2H | 24" - 60" | 8 - 150 mm |
| Tees | | ½" - 60" | 3 - 150 mm |
| Reducers | | 16" - 60" | 8 - 50 mm |
| Flanges | | ½" - 48" | All |
| Laterals | | All | All |
| Induction Bend | | 2.5" - 36" | 5 - 108 mm |

CF Cold Forming
HFM Hot Forming by Mandrel
HF2H Hot Forming 2 Halves

Branch Connections

| Products | Designed by CIMTAS | Diameter | Wall Thickness |
|---------------|-----------------------|-----------|----------------|
| CIM-INSERT45® | | 2" - 48" | All |
| CIM-INSERT® | | 1½" - 48" | All |
| CIM-LET® | | ½" - 48" | All |

| Special Products | Diameter | Wall Thickness |
|------------------|----------|----------------|
| SWEEPLUS™ | ½" - 48" | All |





Diameter Range : 2.5" (64 mm) - 36" (914 mm)

Thickness Range : 5 mm - 108 mm (including P92)

Bending Angle : Up to 180°

Bending Radius : 200 - 8,500 mm (min. 1.5 D)

Bending Moment : 165 tm

Bending Force : 100 t

Feed Length : 13 m

Control System : CNC