

STAINLESS CHIMNEY

HIGH
CAPACITY
HIGH
EFFICIENCY

SINGLE WALL STAINLESS STEEL CHIMNEY SYSTEMS

They are stainless steel chimney systems used in the building shaft for solid, liquid and gaseous fuels. If there is an application for the shaft, there is no need to apply insulation to the flue remaining in the shaft. The vertical load is carried on the wall stand or the main carrier stand and the modules are connected with flue clamps. Our chimneys are produced in high quality with continuous TIG/WIG welding. It provides easy and reliable mounting with bell plug and flue clamp in negative pressure conditional systems. In positive pressure systems, sealing is ensured with a specially produced gasket inside the muff.



DOUBLE WALL STAINLESS STEEL CHIMNEY SYSTEMS

The Double Walled Stainless Steel Chimney System is used for outdoor and inside shaft/indoor applications where necessary. The inner wall is made of the highest quality AISI 316 L stainless steel, and the material thickness of the wall is variable according to the system specifications. 30mm or 50mm Rockwool Insulation is applied between the main waste gas modules and the outer wall, again according to the system specifications. The outer wall can be made with materials such as Galvanized - Aluminum - 430 Steel - 304 Stainless steel due to variables such as the system to be used, the application location, and the environment. Chimney manufactures 23 different sizes between 100 mm diameter and 1200 mm diameter, all in its own facilities. It forms the main body of the chimney, produced with superior cord press technology. Each module is mounted on the chimney by calculating the building height. Again, each module has been designed by increasing the strength with a special press technology designed to carry the complete chimney alone. Full wrapping is provided by opening the special flange mouth. In assembly, special sealed clamps are used between each module and its by-products.

Technical Specifications
Material Used Angle: 1.4301-1.4401 Stainless Steel (316 L)-
15°-30°-45°-60°-75°-87°-90°
Dimensions: Ø 100~1200mm h: 500 ~600 mm
Sheet Thickness: 0.40 ~ 3mm
Pressure Classes: N1 - P1 - H2
Connection Type: Clamped - Gasketed - Muffled
Corrosion Class: Vm
Welding Type: Continuous: TIG



90° ELBOW

The friction in the chimneys is important. manufactures two different types of elbows, fixed knuckle and movable knuckle. Movable knuckle elbow modules, one of the most important products produced, are assembled using a universal system and a special flange clamp system. Each node of the elbows, for which special calculation methods are used, can be narrowed or widened by turning them during assembly, if desired. In this way, since the gases coming out of the chimney do not collide with the flange system outward after installation, the waste gas reaches the atmosphere with minimum friction - maximum speed. After the clamps are tightened, the module becomes stronger than the welded modules and gains strength.

Technical Specifications:
Material Used: 1.4301-1.4401 Stainless Steel (316 L)
Dimensions: Ø 100~1200mm h: 500~1250mm
Sheet Thickness: 0.40 ~ 3mm
Pressure Classes: N1 - P1
Connection Type: Clamped - Gasketed - Muffled
Corrosion Class: Vm
Welding Type: Continuous TIG

