

PE Fitting Injection Molding Machine

The 500-4000ton PE fitting injection molding machine is specifically designed for producing heavy weight PE pipe fittings. Utilizing a two-stage extrusion and injection structure, it saves 35% of space compared to standard machines, reducing initial investment costs.



ADDITIONAL IMAGES



Overview

High-Performance PE Fitting Injection Molding

This specialized injection molding machine is engineered specifically for the efficient production of high-quality polyethylene (PE) fittings. Featuring robust construction and precise control systems, it ensures consistent output for various components including tees, elbows, and couplings. The equipment is optimized for reliable material processing, offering advanced pressure and temperature regulation to minimize waste and cycle times in large-scale manufacturing environments.

Performance Data

Model Specifications

Clamping Force	Max Shot Weight (HDPE)
400 Ton	9 KGS
500 Ton	12 KGS
600 Ton	16-20 KGS
700 Ton	30 KGS
780 Ton	35 KGS
900 Ton	45 KGS
1000 Ton	45 KGS
1500 Ton	67 KGS
1800 Ton	100 KGS
2200 Ton	150 KGS
2800 Ton	262 KGS

Features

Key Capabilities

- Optimized injection parameters for PE material
- Advanced hydraulic and electrical systems
- Precise temperature and pressure control
- Designed for minimal energy consumption
- High productivity with minimal downtime