



IM 315

Butt fusion machine for industrial applications

- Butt fusion machine for PP, PE, PB and PVDF pipes and fittings for industrial applications with pressure piping systems.
- Extremely sturdy design for use in the workshop and on job sites.
- Designed to provide the highest flexibility to adapt to different sizes or shapes of fittings.
- Angular jointing provided up to 30° (2x15°) for prefabrication of segmented fittings.
- Dimensional range: d90-315 mm, from SDR 41 up to SDR 11 with PE,PP d315 mm
- 115 V on request!
- **BASE MACHINE**
 - High precision, distortion-free and robust machine base
 - Integrated swivel tables for angular jointing up to 30° (2x15°)
 - Handwheel for easy moving of machine carriage
 - Exact pressure adjustment via direct spring load transfer
 - Fusion pressure is maintained with a user friendly fast-locking handle
 - Inner left and right clamping elements, for picking up reduction clamping inserts d 90-315 mm, with fast-locking handle
 - Optional outer, horizontally removable clamping devices available
 - Weight (including planer and heater): 169 kg
- **PLANER**
 - Optimized cutting geometry for even and chatter-free planing
 - Swivel mounted for ergonomic handling
 - Mechanical stop to provide single sided planing and defined facing depth
 - Integrated safety switch to prevent unintentional start-up
 - Self-locking mechanism in working position
- **HEATER**
 - High-performance and precision heater with electronic temperature control (2500W)
 - High accuracy of +/- 4°C over the entire heating surface
 - High quality, non-stick PTFE coating
 - Pull-off mechanism to automatically detach the heating plate from pipe ends
 - Metal sheet cover to protect the heating plate in idle position
 - Integrated thermometer for fast visual check of plate temperature
- **ADDITIONAL STANDARD EQUIPMENT**
 - Reduction clamping inserts set d 90-315 mm
 - Pipe supports for picking up reduction supporting inserts d 90-315 mm
 - Reduction pipe supporting inserts set d 90-315 mm
 - Timer to clock fusion times
 - Machine specific tool set

d-d (mm)	Performance	Description	Code	Weight (kg)
90 - 315	230 V / 3500 W	Without transport crate	790 143 005	229.000
90 - 315	230 V / 3500 W	With standard transport crate	790 143 001	269.000
90 - 315	230 V / 3500 W	With special transport crate	790 143 003	366.000

The technical data are not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.

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