



## WM 315 CNC 4.0 Automatic workshop butt fusion machine

- Machine for jointing segmented fittings for applications with pressure piping systems
- Fully automated fusion process by the use of state of the art PLC and touch screen
- Maximum jointing angle 45°
- Dimensional range d90 - 315 mm
- To produce T and Y fittings in the dimensional range d90 - 250 mm, special accessories are required
- **Machine description**
- Intuitive colour touch screen interface
- Operator guidance from preparation to the end of the jointing process by use of symbols and graphics
- Automatic calculation, regulation and control of the fusion parameters - pressure, time and temperature - according to country specific guidelines
- Real time communication with mobile smartphone during the welding process, the data transfer and fusion protocols collection, in combination with WeldinAir mobile application
- Integrated LAN port on a built-in advanced communication module to directly connect the machine with the IT control system operating in the workshop, for real time monitoring of the fusion parameters and to make possible for the customer to implement on his own (according to his specific needs) the digital information flow from/to the machine
- Transfer of collected fusion data directly from jobsite to the headquarter by means of the smartphone
- Compatible with label printer
- 10 freely programmable fusion cycles (e.g. for non standard pipe dimensions)
- Selection of language
- On site check of the memorized fusion protocols status directly on the touchscreen
- Transfer of memorized fusion protocols to an external PC via USB memory stick (included)
- Fusion protocols compatible with Welding Book application
- The clamping units are mounted on supports, each of which can be adjusted transversely
- Each clamping unit can be turned up to 22.5°
- Each clamping unit is provided with a complete set of reductions d90 - 280 mm
- Precision heating element with electronic temperature control (3000 W)
- High-quality PTFE coating with long service life
- The heating element is removed automatically during the change-over phase
- Powerful planer (1200 W) with optimized cutting geometry for even and chatter-free planing
- Load transfer via robust chain drive
- Mechanical stops to provide single sided planing and accurate facing depth
- Planer is secured with a mechanical locking system and a micro switch
- Including transport packaging, without accessories

d-d (mm)	Performance	Description	Code	Weight (kg)
90 - 315	400 V/4620 W	With wide clamping units for pipes	<b>790 118 009</b>	546.000
90 - 315	400 V/4620 W	With narrow clamping units for fittings	<b>790118016</b>	546.000

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.

Georg Fischer Piping Systems Ltd, Postfach, CH-8201 Schaffhausen/Switzerland Phone +41 -(0)52-631 1111 e-mail:

info.ps@georgfischer.com Internet: <http://www.gfps.com>