

# PE PRESSURE BUTT FUSION MACHINES

## PLASSON BUTT FUSION MACHINES (CNC)



Plassons renowned quality and innovation now extends to a complete range of German engineered CNC & Manual butt fusion machines.

Asmuss are the New Zealand agents for Plasson and have factory trained technicians on staff. All machines are backed by a 2-year warranty and full training on their use and care is offered as part of the sale.

TECHNICAL DATA				
	PFS-160 CNC	PFS-250 CNC	PFS-315 CNC	PFS-355 CNC
Dimension range	40-160	75-250	90-315	90-355
With optional reductions* (mm)				
Suitable for pipes made of	HDPE, PP			
Nominal voltage (tolerance)	230 AC	230 AC	230 AC	230 AC
Nominal frequency (tolerance) [Hz]	50 (± 15 %)	50 (± 15 %)	50 (± 15 %)	50 (± 15 %)
Nominal current (fuse) [A]	1x16	1x16	1x16	1x16
Total power consumption (V)	2900	3700	4700	4700
International protection	IP44	IP44	IP44	IP44
Appliance class	1	1	1	1
Dimension Range	160 mm (63-140 mm with reductions)	250 mm (90-225 mm with reductions)	315 mm (90-280 mm with reductions)	355 mm (90-315 mm with reductions)
	Inch IPS/DIPS reductions are available on request			

HYDRAULIC UNIT AND CONTROL PANEL	
Maximum pressure (bar)	140
Revolutions per minute (U/min)	1450
Hydraulic oil: Amount	1L
Hydraulic oil: Type	DIN 515224/2, ISO VG46
Dimensions (mm)	430×350×520
Weight (kg)	33

HYDRAULIC UNIT AND CONTROL PANEL INPUT/MAINS	
* Nominal voltage (tolerance)	230 AC (± 15 %) V
* Nominal frequency (tolerance)	50 (± 15 %) Hz
Power consumption	1100 W
Length of cord	4m
Plug type	Euro Schuko plug
Sensors	Pressure sensor, movement sensor

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### PLASSON BUTT FUSION MACHINES (CNC) - FEATURES

#### PLASSON CNC MACHINES 160 – 355MM

- Compact Chassis for intrench use.
- Easily replaceable/Recoatable Teflon plates on the heater plate – No more sending the heater plate away for re-coating.
- Plassons heater plate foil technology – Fast heating – No dead spots – Low power draw.
- Compact chainless Drive Milling Cutter.
- Pre-Loaded ISO 21307 S/LP ISO Standard (Specially optimised for the highest of weld quality).
- Weld data entry via barcode pen.
- Independent heater plate control – Ability to turn off the heater plate in the cool down cycle.
- Manual override of the CNC Control if needed.
- Milled from Tube Aluminium inserts – No Voids / Absolute strength..
- USB Data Recording

#### PLASSON CNC MACHINES 500-630MM

- Compact Chassis for intrench use.
- Teflon Coated Heater Plate.
- Powerful Milling Cutter.
- Pre-Loaded ISO 21307 S/LP ISO Standard (Specially optimised for the highest of weld quality).
- Weld data entry via barcode pen.
- Independent heater plate control – Ability to turn off the heater plate in the cool down cycle.
- Manual override of the CNC Control if needed.
- Milled from Tube Aluminium inserts – No Voids / Absolute strength.
- USB Data Recording