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BENJA

BASIC LINE BUTT FUSION MACHINES



 **BENJA**



สวยงาม ทนทาน แข็งแรง
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www.benjawelding.com



NEW BASIC LINE

BENJA presents BASIC, the new Line of butt welding machines for pipes and joints in HDPE, PP, PB, PVDF with diameter ranging from 50 to 315 mm. BASIC was designed by thirty years of experience in manufacturing, producing reliable and versatile welding machines, adapt for all environments, even the harshest such as deserts and mines.

The New Basic Line is distinguished by the excellent quality – price ratio, while maintaining reliability, precision and ease of use, along with **BENJA**'s standards.

With the New BASIC Line, **BENJA** makes its machines and work philosophy available to everyone!



160 A BASIC

160 BASIC is able to weld fittings such as elbows, tees, Y-branches and flange necks without any additional equipment by simply fixing the clamps, drag bar.

160 Basic includes:

- ✓ Machine Body with 4 clamps and 2 hydraulic cylinders with fast non-drip couplings;
- ✓ Extractable Heating plate with separate thermometer and a high-precision electronic thermo-regulator;
- ✓ Extractable milling cutter, with safety micro-switch;
- ✓ Electro-hydraulic gear case, with a clamp opening and closing lever;
- ✓ Hydraulic hoses with non-drip quick couplings.

Standard set includes adapters, from Ø 63 mm. to Ø 140 mm.

Available on request: adapters Ø 50 mm. and the tool for flange necks.



TECHNICAL FEATURES

Working range 50 – 160 mm
Power supply 230 VAC
Single phase 50/60 Hz
Total absorbed power 2325 W
Working temperature 180 – 280 °c
Pressure working range 0 – 100 bar
Machine body 350 x 350 x 750 mm (WxDxH)
Weight only body machines 30 Kg
Materials: HDPE – PE –PP –PVDF



225 A BASIC

225 BASIC is able to weld fittings such as elbows, tees, Y-branches and flange necks without any additional equipment by simply fixing the clamps, drag bar.

225 Basic includes:

- ✓ Machine Body with 4 clamps and 2 hydraulic cylinders with fast non-drip couplings;
- ✓ Extractable Heating plate with separate thermometer and a high-precision electronic thermo-regulator;
- ✓ Extractable milling cutter, with safety micro-switch;
- ✓ Electro-hydraulic gear case, with a clamp opening and closing lever;
- ✓ Hydraulic hoses with non-drip quick couplings.

Standard set includes adapters, from Ø 75 mm. to Ø 200 mm.
Available on request: tool for flange necks.



TECHNICAL FEATURES

Working range 75 – 225 mm
 Power supply 230 VAC
 Single phase 50/60 Hz
 Total absorbed power 2625 W
 Working temperature 180 – 280 °c
 Pressure working range 0 – 100 bar
 Machine body 350 x 350 x 600 mm (WxDxH)
 Weight only body machines 34 Kg
 Materials: HDPE – PE –PP –PVDF



315 A BASIC

315 BASIC is able to weld fittings such as elbows, tees, Y-branches and flange necks without any additional equipment by simply fixing the clamps, drag bar.

315 Basic includes:

- ✓ Machine Body with 4 clamps and 2 hydraulic cylinders with fast non-drip couplings;
- ✓ Extractable Heating plate with separate thermometer and a high-precision electronic thermo-regulator;
- ✓ Extractable milling cutter, with safety micro-switch;
- ✓ Electro-hydraulic gear case, with a clamp opening and closing lever;
- ✓ Hydraulic hoses with non-drip quick couplings.

Standard set includes adapters, from Ø 90 mm. to Ø 280 mm.

Available on request: tool for flange necks.



TECHNICAL FEATURES

Working range 90 – 315 mm
 Power supply 230 VAC
 Single phase 50/60 Hz
 Total absorbed power 4260 W
 Working temperature 180 – 280 °c
 Pressure working range 0 – 100 bar
 Machine body 500 x 500 x 900 mm (WxDxH)
 Weight only body machines 68 Kg
 Materials: HDPE – PE –PP –PVDF