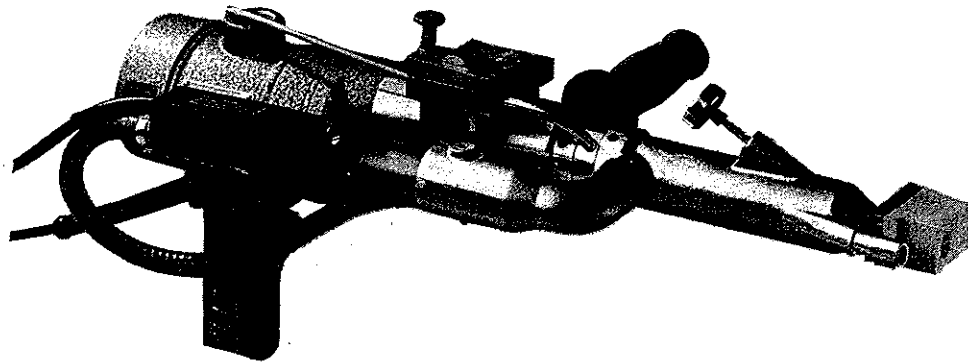
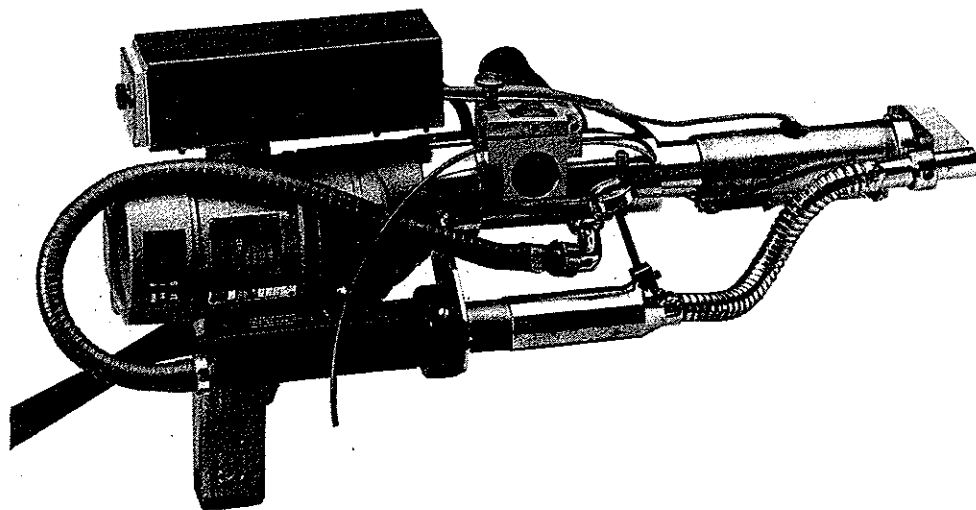


MUNTSCH

WELDING MACHINES FOR PLASTICS

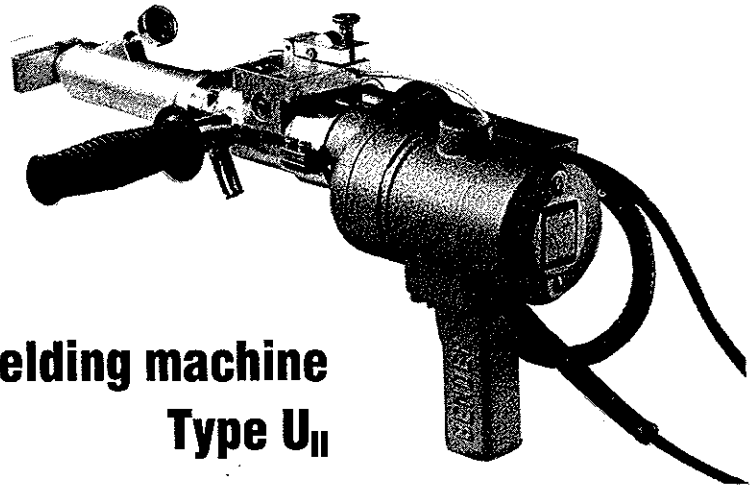


Universal welding machine Type U

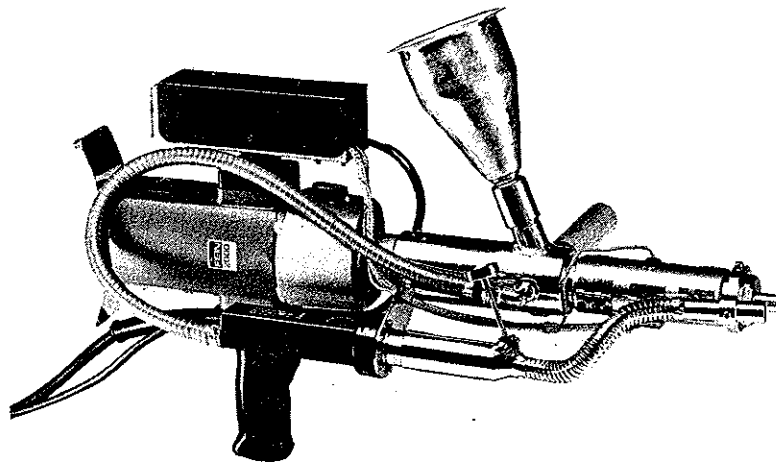


Universal welding machine Type UP

MUNSCH



**Universal welding machine
Type U₁₁**



Manual welding extruder Type E

MUNSCH

CHEMIEPUMPEN GMBH
Im Staudchen
D-5412 Ransbach-Baumbach 2
Western-Germany
Telefon (02623) 3096
Telex 863150

MUNSCH

MUNSCH universal welding machines type U and U_{II}

The universal welding machine type U meets all requirements for welding in all positions.

The welding process is similar to that for extrusion welding except that this machine does not operate with granulate but rather with a 4 mm thick PP or PE wire as the welding medium.

This wire is pulled over a supply pulley and granulated in the cutting mechanism.

The granulate obtained in this manner is pressed into a melting chamber by a rotary piston where it is melted.

The rotary piston and melting chamber are heated by hot air which also heats the base material as it exits.

The soft mass exiting is formed and brought to the desired thickness with exchangeable slide shoes.

Type U_{II} is identical to type U in design and function, but has a higher melting capacity.

This machine can also be used for welding pipes when provided with a rotary mechanism.

Technical data:	Type U	Type U_{II}
Drive	750 watt · 220 volt A. C.	(type U and type U _{II})
Heater capacity	1300 watt · 220 volt A. C.	(type U and type U _{II})
Ventilation requirements . . .	approx. 300 l/min	approx. 400 l/min
Welding capacity	1 kg/h PP or PE	1.8 kg/h PP or PE
Best application range	8 – 15 mm plate thickness	12 – 25 mm plate thickness
Weight	6,5 kg	7 kg

MUNSCH universal welding machine type UP for welding PVC

Design and function are identical with that of universal welding machine type U with the exception that the high heat sensitivity of PVC requires electronically controlled heating of the rotary piston and the welding chamber.

Technical data:

Drive	750 watt · 220 volt A. C.
Heating capacity for preheating material	1300 watt · 220 volt A. C.
Heating capacity of rotary piston and melting chamber	350 watt · 220 volt A. C.
Ventilation	300 l/min.
Best application range	8 – 20 mm thickness
Welding capacity	1.4 kg/h PVC
Weight	7 kg

MUNSCH manual welding extruder type E

serves primarily for welding thick wall PP- and PE-construction parts.

The unit consists of a small extruder driven by a hand drill.

The extruder heater is controlled by an electronic precision regulator. A built-in hot air heater heats the base material.

The temperature regulation for heating of the base material is accomplished by adjusting the ventilation, simultaneously the air supplied cools the granulate intake and protects the drive aggregate against overheating.

By changing the nozzles and slide shoes various seam sizes and seam forms as well as the welding speed can be set.

Technical data:

Drive	850 watt · 220 volt A. C.
Extruder heater	500 watt · 220 volt A. C.
Heating capacity-extruder heater	1300 watt · 220 volt A. C.
Ventilation requirements	approx. 300 l/min.
Welding capacity	2 kg PE/h · 1.8 kg PP/h granulate
Best application range	12 – 30 mm wall thickness
Weight	12 kg