

Welding Plastic with the Drader Injectiweld

Drader Injectiweld uses interchangeable tips. With 12 tips, the welder is adaptable to many plastic welding applications. Quality plastic welds result from Drader's high pressure, subsurface injection of molten plastic into the weld zone. The Injectiweld's tip forms the weld zone and prepares the plastic for a high-pressure injection of molten welding rod. Physical mixing of the plastic substrate and the welding rod makes a strong high quality bond. Standard welding tips are listed below for your convenience. You can get customized tips on request.

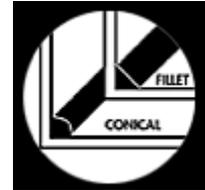


Start Set comes in a strong carrying case including: Welding gun, heat transfer paste for welding tips, air filter set, technical handbook with parts listing.

Technical Data: Watts: 240 V, 400 W,
Compressed air: 5,5-10,3 bar, 80-100 psi
Injection Pressure: < 100 x air pressure
Output: < 900 g/h
Temperature: 230- 300 °C
Weight: ca. 2.600 g.

STANDARD WELDING TIPS:

FILLET WELD TIP
#T20001 (3/16" wide)
#T20004 (1/4" wide)
#T20005 (3/8" wide)



Fillet weld tip used for butt and right angle welds.

BUTT WELD TIP
Used for welding thermoplastic belting or sealing flat joints. 5/8" wide bead.

#T20009



LAP WELD TIPS
#T20011 (0.040" = 1.0 mm)
#T20012 (0.060" = 1.5 mm)
#T20013 (0.080" = 2.0 mm)
Available for 0.040", 0.060" and 0.080" material thickness.



BULL NOSE TIP
Used for closing holes. Widely used to repair blow holes in rotomolded parts. Various diameters.

#T20003



PROTOTYPING TIP
REPAIR WELD TIP
Used for prototyping and repairs where small welds are required.

#T20008
#T20010



CONICAL WELD TIP
Used for spot welding, crack repair and tac welding.

#T20002



BLANK TIP
Semi finish tips used to design your own welding tips. Customized tips on request.

#T20007



WELDING ROD:

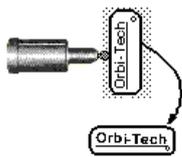
We produce plastic welding rod in all colours. Special service: You ship your resin or powder to us.



PP, PE, ABS, PS, PC
Welding rod produced of your plastic material.

Super Fast Injection Mould Prototyping

Inject your moulds with the Drader Injectiweld. Save time and money with this easy short term and economic prototyping. You produce prototypes with thermoplastic material that you plan to use for your product.



Inject your mould with the Drader Injectiweld at high pressure ≤ 1.000 bar
Ready to go after seconds!

The easy way to injection mould prototypes and small series of products.

For bigger moulds please heat up the mould before injecting. The machine uses standard welding rod.

Injection moulding with the Drader Injectiweld can be made handheld. We train your personal and consult in questions of mould design. Do not hesitate to contact us for samples and requests for demonstrations.



Hand held Injection Moulding.

As accessories we offer a special stand for more ease of injection work and a standard tip for injection moulding.

The stand helps you to make more products in shorter time.



Drader Injectiweld in a stand for Injection Moulding.

Do you know a more easy and more economic way of injection moulding prototypes ?

Unroller for plastic welding rod

Our new unroller for plastic welding rod spools (in accordance to DIN EN ISO 544, SD 300). Your employees will love it. No hasps or hooks of the welding rod any more.



Drader Injectiweld is compressed air driven. This means:

Strong, Low noise, Low weight.

Technical Changes and errors excepted.
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