

### General description

The F-100 CORDLESS STUD WELDER is a battery operated welding machine allowing the fixing of insulation material on sheet metal such as airducts in a single operation.

The F-100 CORDLESS STUD WELDER ensures a high quality of weld on galvanized sheet metal. The cordless welding machine, combined with long cables and a light weight makes it the proper tool for the jobsite. This machine uses the capacitor discharge technique and allows clips to be welded without overheating mark on the opposite side of metal sheet.

It is recommended to use our weldfasteners CDF with our welding machine F-100 CORDLESS STUD WELDER. Please refer to our technical data sheet T-2460\_CDF3 & CDF4.

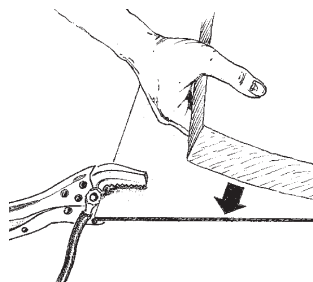
The welding machine is supplied with a red storage box, one speed charger and two batteries.



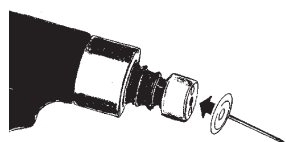
### Technical specification

<b>Capacitance</b>	100 000 µF
<b>Power supply</b>	MAKITA battery 5.0 Ah - 18V.
<b>Insulation protection</b>	IP 33
<b>Loading time of the capacitor</b>	+/- 3 sec. according to the voltage used
<b>Welding rate</b>	Up to 20 pins / minute
<b>Welding shots per battery</b>	350 shots
<b>Loading time of the battery</b>	35 minutes
<b>Length of the pistol cable</b>	30 ft // 9.15 m
<b>Length of the earth / ground cable</b>	20 ft // 6.10 m
<b>Weight of the unit without cables and without battery</b>	11.90 lb // 5.4 kg
<b>Size of the unit with handle</b>	11.81 x 6.89 x 9.06 in // 300 x 175 x 230 mm
<b>Weight of the case with machine complete</b>	41.67 lb // 18.90 kg
<b>Size of the case</b>	20.87 x 14.57 x 12.99 in // 530 x 370 x 330 mm
<b>UL and CE compliant - assembled in the USA</b>	

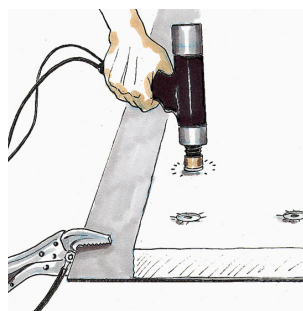
### Application



Attach ground clamp of the welder to the sheet metal.  
Lay insulation on sheet metal.



Place the weldfastener CDF on the magnetic head of the gun. Adjust the voltage according to the type and thickness of the sheet metal.



Press the pin through the insulation until the tip of the shank meets the sheet metal and press the trigger.

