

Compact Stud Welding Equipment 700 i/1300 i Inverter-Technics

KÖCO
KÖSTER & CO



Super-light
High weld rates
Ultra short welding times

KÖCO Compact Stud Welding Equipment 700 i/1300 i Inverter-Technics

Drawn arc stud welding

Inverter technology sets new standards in stud welding.

A very special feature of the units incorporating this technology is its extremely light weight, combined with very compact dimensions.

An inverter power source operating with over 20 kHz has made this innovation possible.

The compact systems weld threaded studs, pins, tapped studs, insulation pins, refractory anchors with extremely high welding sequence rates onto sheets, pipes, profiles etc.

Stick electrodes can also be welded. The welding current is steplessly adjustable; positive or negative polarity freely selectable.

Any malfunctions are signalled by a lamp. The type of malfunction can be checked by means of a switch.

Thanks to the precise setting of an extremely short welding time, these systems are especially qualified for short cycle stud welding.



Process variations:

Stud welding with ceramic ferrule
Inert gas stud welding
Short-cycle stud welding.

Basic scope of delivery:

Compact equipment with integrated inert gas control, stud welding gun including accessories, ground cables.

Compact equipment		700 i	1300 i
Weldable stud range	(mm Ø)	2 - 11 (M 12)	2 - 16
Input voltage, three-phase 50 Hz	(V)	380 - 400	380 - 400
Time lag fuse	(A)	16	35
Power consumption	(kVA)	4,8	5,5
Rated current	(A)	600	1200
Weld rate (pieces/min.) stud Ø		5/M12 and 10/M10 Type R	5/16 mm - 10/12 mm
Current adjustment: studs	(A)	100 - 600	100 - 1200
stick electrodes	(A)	50 - 250	50 - 250
Welding time adjustment Studs	(ms)	1 - 600	1 - 1200
No-load voltage	(V=)	95	95
Class of protection		IP 23	IP 23
Cooling		F	F
Mains plug	(A)	16	32
Housing galvanized and powder-coated, mobile on ... wheels			4
Dimensions (L x W x H)	≈ (mm)	410 x 250 x 350	635 x 310 x 410
Weight	≈ (kg)	25	49



S Welding under increased electrically hazardous conditions permissible (EN 60 974-1)

We reserve the right to make technical changes.

