

# STRECKER

## Coldpressure welders series KSCZ, KSC, KS



KS 20



KSC 150



KSC 400

### Application

Coldpressure butt welding machines join the ends of non-ferrous metals without electrical current or any fluxes. Different materials may be coldwelded.

### Machine Description

When coldwelding, the wires to be joined are upset several times under pressure so that a joint of very high strength is obtained. The upset pressure is produced manually by a lever system (series KSCZ / KSC) or with hydraulic power (type KS 20).

### Clamping jaws

The clamping jaws have to match exactly to the wire diameter to be welded.

The clamping jaws used on series KSCZ / KSC are regular industrial jaws and are compatible and interchangeable with other supplier's models.

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KSCZ 100



KSC 050



KSCZ 051

## Operation

The wire ends need no preparation. They are inserted into the grooves of the clamping jaws and then upset approximately 4 to 6 times. The welded joint created is of very high strength. On type KS 20 the resultant annular burr is removed by an extra stroke before unclamping the welded wire.

## Scope of supply

Types KSCZ 051 / 100 / 160 / and KSC 050 come with a transport case.

Machine types KSC 150 / 400 / 500 / 600 are delivered with a trolley and type KS 20 on 4 wheels as a standard.

## Technical Data

Type	KSCZ 051	KSCZ 100	KSCZ 160	KSC 050	KSC 150	KSC 400	KSC 500	KSC 600	KS 20
Welding range									
Cu - Ø [mm]	0,1-0,5	0,25-1,2	0,3-1,8	0,1-0,5	0,25-1,5	0,8-4,0	1,0-5,0	2,0-6,0	4,0-8,0
Al - Ø [mm]	0,1-0,5	0,25-1,2	0,3-1,8	0,1-0,5	0,25-1,8	0,8-5,0	1,0-6,5	2,0-10,0	4,0-13,0
Number of groove / set	1	2	2	1	2	2 (1)*	1	1	1
Execution	Z	Z	Z	T	M	M	M	M	M
Weight [kgs]	0,75	1,3	2,7	2	22	45	105	320	470

Execution: Z (gun) / T (table) / M (mobile)  
Other non-ferrous metals on request.

\* wire-Ø > 3mm

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KSCZ 160