

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	0,3-1,7	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	0,3-1,7	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

STRECKER

AUGUST STRECKER GmbH & Co.KG

Postfach 1337 – D-65533 Limburg/Lahn
Germany

Telefon: + 49 64 31 96 10 - 0

Telefax: + 49 64 31 4 42 21

e-mail: sales@strecker-limburg.de

Internet: www.strecker-limburg.de



KSCZ 160