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Coldpressure welders series KSCZ, KSC, KS



Application

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

Machine Description

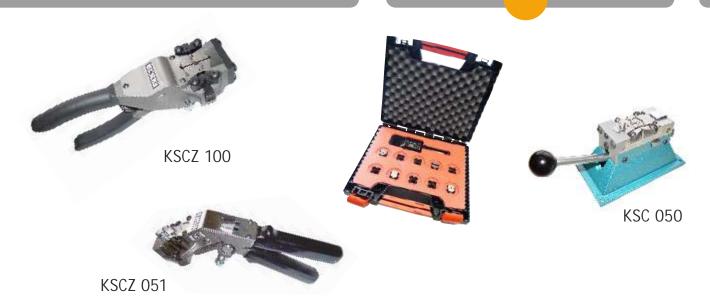
When coldwelding, the wires to be joined are upset several times under pressure so that a joint of very high strength is obtained. The upset pressure is produced manually by a lever system (series KSCZ / KSC) or with hydraulic power (type KS 20).

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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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

Туре	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	М	M	М	М	М
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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