



DA-800



The new DA-800 is a robust power source for drawn-arc welding featuring state of the art microprocessor control technology, for the first time combining the benefit of a compact housing.

A large graphic display clearly shows the most important functions and together with one-button operation offers simple interactive operator guidance. All welding functions are electronically monitored with error message display.

Effective ventilation provided by a large, thermostatically controlled fan ensures maximum welding capacity and duty cycle.

Its compact size and low weight make this unit particularly suitable for field welding under harsh conditions.

The unit can be used with both our linear ball guided guns KHP-10 for short cycle welding as well as our guns for drawn-arc welding KHPL-12 or KHPL-19 for ceramic ferrule or gas-shielded welding.

Stud Welding Unit

TYP	DA-800
Welding process	Drawn Arc Welding No. 783 u. 784 n. ISO 4063
Welding range	2 - 12 mm Ø
Welding sequence	800 A
Capacity	8 studs /minute M12
Welding time	5 - 1000 ms continuous
Power Supply	400 V , 50 Hz / 60Hz
Supply connection	32 A CEE
System Voltage Tolerance	-5%/+5%
Degree of protection	IP23
Cooling method	F thermostatically controlled fan
Dimensions L x W x H	460 x 300 x 260
Weight	40 kg

* regarding DVS-directive data sheet 0968

Stud Welding Guns



TYP	DA-10 (KHP-10)	DA-12 (KHPL-12)	DA-19 (KHPL-19)
Welding process	Short Cycle	Ceramic ferrule or gas shielded	
Welding range	M3 -M10	M3-M12	M6-M24
Guidance	Precision linear ball guide	double linear ball guide	
Lift adjustment	konstant	1-6mm	
Length compensation	ball carrier system	lifting ring system	
Immersion damping	none	hydraulic	
Welding cable	5 m, 35 mm ²	5 m, 50 mm ²	
Weight (with/without cable)	0,8 / 3,0 kg	1,5 / 3,0 kg	1,5 / 5,0 kg