



Visar 1200



- All-rounder for workshops and construction sites – whether with shielding gas or with ceramic ferrule
- Compact lightweight unit with power: **1 200 A but just 20.5 kg**
- **Extremely wide current setting range** from 25 to 1 200 A
- **USB port** for saving and loading welding programs
- Comprehensive **customer-specific setting options** as well as **detailed process optimisation and control**

M3 to M16
#4 to 5/8"



Welding process	ARC, SC			
Welding material	¹⁾			
Technology	Inverter			
Equipment				
Welding with ceramic ferrule	X			
Welding with shielding gas	X			
Process control	X			
Display	Digital			
Welding range	M3 to M16, dia. 2 to 16 mm / #4 to 5/8" , dia. 14 ga to 9/16"			
Welding rate (Duty cycle ²⁾)	25 °C	100 %	50 %	35 %
	F [studs/min]	11	16	21
	t [ms]	600	600	600
	I ₂ [A]	1 200	1 200	1 200
	U ₂ [V]	30	30	30
²⁾ The term "duty cycle" refers to the ratio of welding duration to work pause of a stud welding unit. It describes the uninterrupted operating time of a unit over a period of 10 minutes. The largest possible studs are used in the test. 100 % duty cycle = 10 min. of continuous welding, no shutdown due to overtemperature. 50 % duty cycle = 5 min. of welding followed by 5 min. pause. 35 % duty cycle = 3.5 min. of welding followed by 6.5 min. pause.				
Welding current	1 200 A (max.) at 50 V			
Current adjustment range	25 to 1 200 A (stepless)			
Welding time	5 to 1 500 ms (stepless)			
Primary power	200 to 600 V, 3 phases, 50/60 Hz			
Cooling type	F (temperature controlled cooling fan)			
IP Code	IP 43			
Dimension LxWxH (without handle)	472.5 x 355 x 358 mm / 18.60" x 13.98" x 14.09"			
Weight	20.5 kg / 45 lbs			
Suitable guns	A 12, A 12-FL, A 16			

Order No.

93-60-0120 (Europe + China) (expected to be available from 01/2020)
93-66-0120 (USA, Canada + China) (expected to be available from 01/2020)

93-40-020 (Ground cable, 5 m, 25 mm², 2x 10" vice grip)

88-24-466 (Toolbag)
 (Accessories and welding gun are not included)



Legend Welding process: ARC = Drawn arc stud welding, SC = Short cycle stud welding

Mild steel Stainless steel Aluminium