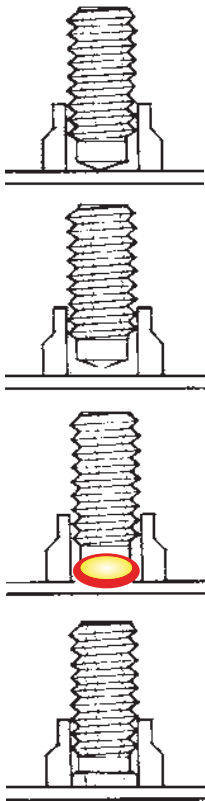


DABOTEK DRAWN ARC STUDWELDING SYSTEM



Dabotek Studwelding Systems Limited is a specialist in the design, manufacture and supply of Studwelding equipment and studs. Within our range of British built equipment, we will have the system to suit your requirements.

SYSTEM i12

Compact, portable Drawn Arc inverter equipment designed to weld up to 12mm reduced base studs. With its simple robust construction, the i12 offers an economic and reliable method of fixing Mild Steel and Stainless Steel studs. Fast, accurate and easy to operate, the system i12 gives you better weld results.

Designed and built to exacting standards and meets all required standards, the System i12 is CE and UKCA marked.

TEL: +45 7550 5666

EMAIL: sales@dabotek.com | www.dabotek.com



A DABOTEK DRAWN ARC STUDWELDING SYSTEM TO WELD UP TO 12MM REDUCED BASE STUDS

DABOTEK ApS

Birkedam 10 S, DK 6000 Kolding, Denmark

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www.dabotek.com

DABOTEK DRAWN ARC STUDWELDING SYSTEM



Controller



DA2A



DA7B



DA8A

SYSTEM i12

CONTROLLER FEATURES

- Robust and compact design housing all components in one cabinet.
- Lightweight and portable.
- Stepless adjustment of welding current and time.
- Microcomputer controlled.
- Constant current regulation.
- Adjustable pilot arc time and current.
- i12 uses latest inverter technology.
- Solid state switching.
- Visual multi-functional display in 12 languages.
- Self-diagnosis overheating, short circuit control, pilot arc malfunction.
- Gun lift test facility.
- Chuck saver circuit fitted.
- Fitted with gas facility.
- Welds in both standard and Short Cycle mode.
- Stud counter.

DA2A/DA7B HANDTOOL FEATURES

- Designed for lightness and balance.
- Comfortable to use, minimises operator fatigue.
- Made from impact resistant, high strength Verton / BAH Delrin.
- Accessories are available to solve specific problems.
- Extensions are available for both handtool and earth cables.
- Possible to weld up to 12mm reduced base Drawn Arc Studs

DA8A HANDTOOL FEATURES

- Lightweight, small fixed mini pistol.
- Used to weld Short Cycle Studs.
- Possible to weld up to 10mm standard Drawn Arc studs.
- Can be fitted to weld gas.

TECHNICAL SPECIFICATION

Model	i12
Welding stud range	3 - 10.8mm (M12 PD)
Input	3ph 400v 50/60Hz (other voltages available)
Fusing	32A
Max. KVA rating	18KVA (IDLING - 50W)
Welding current	100 - 800 A
Welding time range	10 - 1000 m/sec
Welding rate	3 - 20 studs per minute
Class protection	IP 32
Cooling	Fan
Dimensions (L x W x H)(mm)	520 x 230 x 250
Weight	18 kg

Model	DA2A	DA7B
Material	Verton	BAH Delrin
Welding range	3 - 16mm	3 - 12mm
Stud length	Standard legs - 100mm Extended legs - any length	Standard legs - 50mm Extended legs - any length
Cable length	5 metres	5 metres
Cable Size	50mm ²	35mm ²
Weight (less cables)	2.1 kg	1.3 kg
Dimensions (L x W x H)(mm)	270 x 70 x 155	265 x 65 x 150

Model	DA8A
Material	Verton
Welding range	3 - 10mm
Stud length	Standard legs - 35mm Extended legs - any length
Cable length	5 metres
Cable Size	25mm ²
Weight (less cables)	0.9 kg
Dimensions (L x W x H)(mm)	195 x 55 x 140

