

Heinz Soyer Bolzenschweißtechnik GmbH

We are an innovative and dynamic company with 40 years of experience in the field of stud welding technology. We offer the development, manufacture, marketing and servicing of quality stud welding products at favourable prices from a single source and provide our customers with a prompt, efficient and reliable service.

The field-tested SOYER quality products meet all requirements and are applied worldwide. We are an ISO 9001:2000 (Quality) and ISO 14001:2005 (Environment) certified company and have won numerous awards for technology, quality, design and innovation.



Stud welding allows metallic studs and pins from 1 to 30 mm in diameter to be welded onto metallic base materials at lightning speed.



We have expanded our product portfolio by setting up a production centre that manufactures high-quality weld fasteners. SOYER quality weld studs for every type of application can be supplied at short notice and at favourable prices.

We offer all types of weld fasteners. Contact us and tell us your requirements!

**Your reliable partner in
stud welding technology!**



Contact: **Heinz Soyer
Bolzenschweißtechnik
GmbH**

Attn.: **Oliver Pohlus**

Telephone: **+49 8153 885-131
or -138**

Telefax: **+49 8153 885-221**



In our new Online Shop, you can now quickly and simply order our weld studs and fasteners - directly from the manufacturer! We offer certified quality and safety at rock-bottom prices, supply worldwide and can fulfil short delivery times.

**Heinz Soyer
Bolzenschweißtechnik GmbH**
Inninger Straße 14
D-82237 Wörthsee
Telephone: +49 8153 885-0
Telefax: +49 8153 8030
export@soyer.de
www.soyer-shop.de

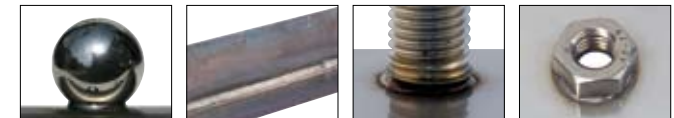


BMK-16i



BMK-16i Stud and Nut Welder

Multi-process power source



www.soyer-shop.de

BMK-16i Stud and Nut Welder

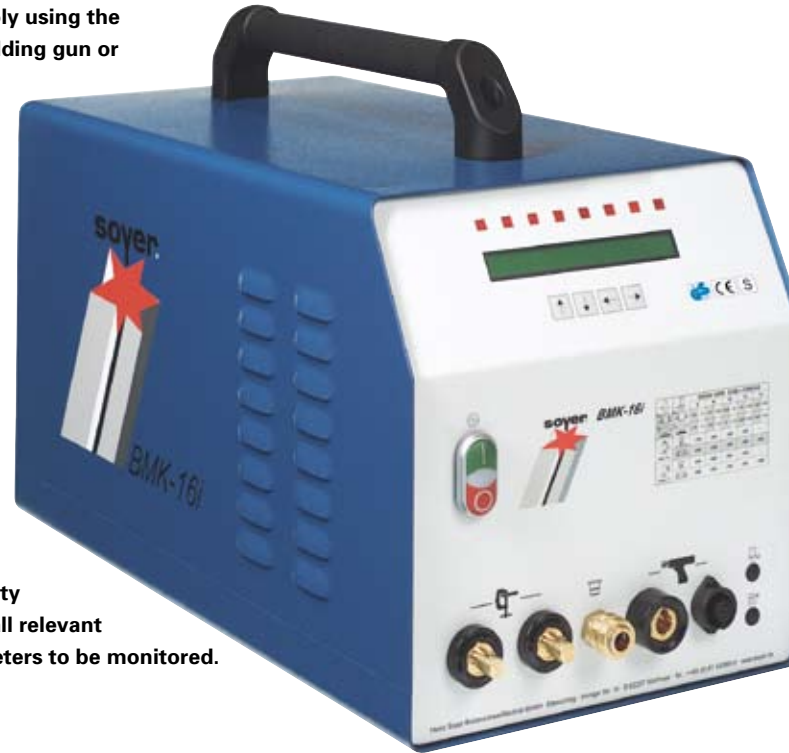
Technical data:

Welding range:	M3 - M16 RD or 2 - 13 mm in diameter
Material:	Steel, stainless steel and heat-resistant steel (aluminium and brass conditionally, depending on the respective requirements)
Welding current:	300 - 1 000 A, adjustable and regulated with stud welding, 40 - 300 A, adjustable with electrode welding, 40 - 100 A with TIG welding
Welding time:	3 - 1 000 ms with stud welding
Welding sequence:	up to 50 studs/min, depending on stud diameter
Mains supply:	3 x 400 V - 50/60 Hz - 32 AT, other voltage on request
Dimensions:	335 x 440 x 700 mm (w x h x d)
Weight:	36.5 kg
Colour:	RAL 5009 azure
	Technical specifications are subject to change without notice

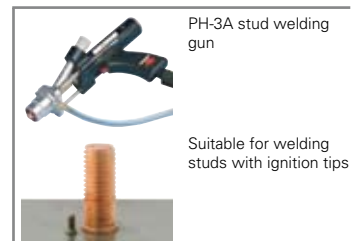
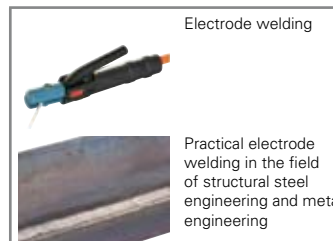
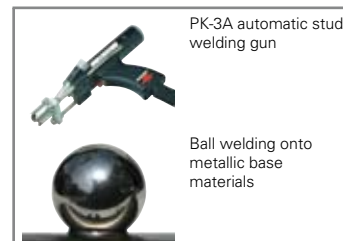
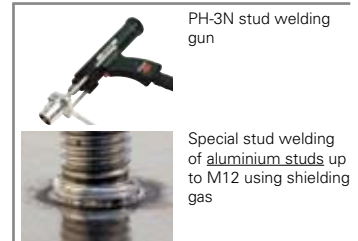
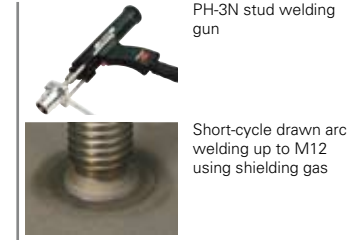
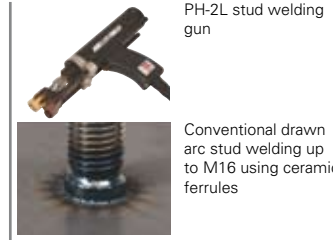
Innovative performance features

- ▶ Development and production fulfil all prescribed safety targets such as
 - the latest safety and accident prevention regulations (Act on the Safety of Technical Working Equipment)
 - electromagnetic compatibility (EMC Act)
 - European regulations (EU Directive on Machinery)
- ▶ Certificate proof of mentioned safety targets
- ▶ Extremely simple operator guidance via sophisticated membrane keyboard with clear symbols for all necessary parameter inputs
- ▶ CE mark and safety mark for verified safety
- ▶ Welding current variably adjustable
- ▶ Shielding gas pre-flow time variably adjustable
- ▶ Welding time and preweld current time variably adjustable
- ▶ High-dynamic regulation of the welding process
- ▶ High clock frequency of 30 kHz
- ▶ Integrated inert gas operation mode
- ▶ Low connected load and low weight
- ▶ High welding current of 1 000 A for stud welding
- ▶ Constant current controller (current fluctuation control)
- ▶ Interface for signal interchange with other external control systems (optional simple and low-cost retrofitting possibility with an automatic module for semi-automatic and fully automatic stud feed)
- ▶ LED display panel with control function of all operating states
- ▶ Self-protecting device in case of excess temperature or excessive welding sequence
- ▶ Computer check on operability and simulated program run of all setting parameters on stud welder and gun without welding current
- ▶ New abrasion-proof, scratch-resistant and antisoiling plastic film coating on the front panel to protect all inscriptions even after many years of use
- ▶ Table at the front panel showing standard values for all common stud types and diameters
- ▶ Quality assurance – see product information sheet

The BMK-16i SOYER stud and nut welder (inverter) is optimally suitable for universal applications. This unprecedented multifunctional high-tech development allows ten different welding processes to be applied by simply using the appropriate welding gun or equipment.



An optional integrated quality control allows all relevant welding parameters to be monitored.



SOYER stud welding systems offer optimum solutions for every type of application. Take advantage of our 40 years of expertise!

SOYER quality weld studs for all stud welding processes are available at favourable prices from stock. We look forward to your enquiry!

The field-tested SOYER products have won numerous awards for quality, innovation and design. See for yourself!