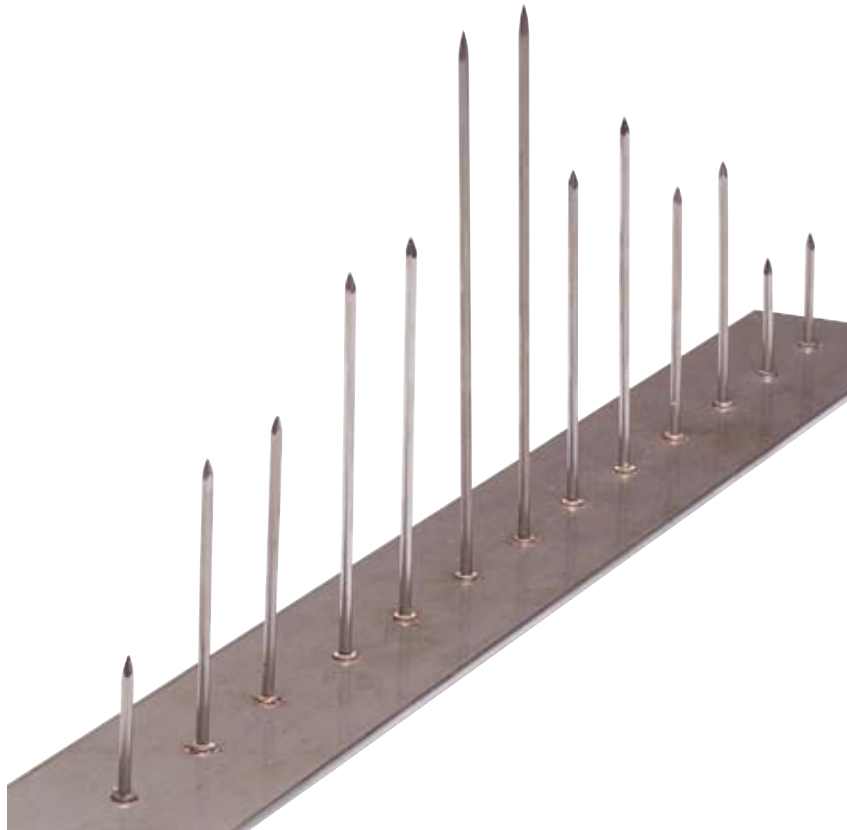




Automatic welding of insulation nails



Insulation nails from 15 - 50 mm in length can be fed automatically.



Insulation nails are fed via the bowl feeder and a separator into the feed tube.

Automatic feed of insulation nails

So far, insulation nails of all types have been welded onto the metallic base material using a welding gun with manual feed. Feeding the insulation nails by hand, however, is a very cumbersome and time-consuming process. Therefore, we have developed a new type of automatic equipment which allows insulation nails to be fully automatically fed into the welding gun. Depending on the size of the nails to be used, the lightweight and easy-to-use PS-3A automatic stud welding gun allows up to 30 nails to be welded per minute in the horizontal or overhead position. Process automation allows you to achieve considerable cost and time savings and to improve product quality and occupational safety.

Technical data

Dimensions:

Insulation nails with 2.0, 2.6 and 3.0 mm in diameter and from 15 to 50 mm in length

Material:

Steel and stainless steel

Welding process:

Capacitor discharge stud welding

Stud feed:

Fully automatic feed

System components

- Source of energy:
- Feeding unit:
- Stud welding gun:

BMS-10N stud welder

UVR-300 universal stud feeder

PS-3A



Insulation nails are pneumatically transferred from the feed tube into the nail chuck of the PS-3A welding gun.



Insulating material is attached to the welded insulation nail and secured with a clip.

Fax Reply

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GmbH**

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(Export Manager)

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-131

Fax No.: +49 8153 885-221

Please contact us!

Company stamp

Company: _____

Attention: _____

Street: _____

Postal code,
Town/City: _____

Tel. No.: _____

Fax No.: _____

Date: _____

SOYER – Your reliable partner in stud welding technology!

We request that you

- arrange a non-binding specialist consultation/demonstration
 - send us detailed product information on the following subject:
- _____



System components for automatically feeding insulation nails

The SOYER automatic equipment allows insulation nails to be automatically fed via the UVR-300 bowl feeder into the PS-3A welding gun and to be fully automatically welded onto metallic base materials. It consists of the following system components:

The BMS-10N stud welder is suitable for both mobile and stationary applications. It is ideal for use with welding guns, welding heads and bench mounted welding machines using either manual or automatic stud feed.



BMS-10N stud welder

The electronically controlled PS-3A automatic welding gun allows the accurate welding of weld studs and insulation nails as per DIN EN ISO 13918 on scribed or centre marked surfaces without requiring any auxiliary aids.



PS-3A automatic stud welding gun

The insulation nails are automatically transferred from the UVR-300 bowl feeder into the stud welding gun.



UVR-300 universal feeder

Quickly and simply order high-quality 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.

For more detailed information about the individual system components, please refer to the respective product information sheet or visit us online at www.soyer.com.

Please also visit our Online Shop www.soyer-shop.de.

Certified
SLV
Leading Company

ALL-CERT
DIN EN ISO 14001:2005

TOP JOB
2008
Top Employer

TOP 100
2009
Top Innovator

SOYER
Bolzenschweiß-
technik
1.4301, 1.4303,
1.4401, 1.4404,
1.4541, 1.4571
Z30.3-6

SOYER
Bolzenschweiß-
technik
DIN EN ISO 13918
Typ PD, RD, LD,
FD, IT, PT, UT,
MD, RD, ID
Material: Stahl 4.8
schweißgeeignet
AlMg3

Prize winner
"Großer Preis des
Mittelstandes 2008"

Industrie
Forum
Design
Hannover

2009
FEDERAL PRIZE

DVS
ZERT
DIN EN ISO 9001:2000

UL US LISTED
2007

GSV

CE

Großer
Eignungsnachweis
nach DIN 18800

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