



Description

EERGO-Set "small" 230 V

EERGO-Set Vario "small" 230 V

Order No.

FBWEE003

FBWEE011

EERGO-Set "small"

Professional welding set for small profiles:

Round belts up to 10mm and V-belts up to profile 10x6 (Z)

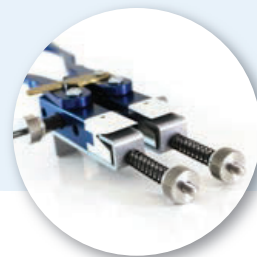
- 1 pc. EERgo paddle welding tool
- 2 pcs. Guide clamps FZ01
- 1 pc. Edge cutter SE02
- 1 pc. Scissors AS02 with stop
- 1 pc. Carrying bag small

EERGO-Set Vario "small"

Professional welding set for small profiles:

Round belts up to 10mm and V-belts up to profile 10x6 (Z)

- 1 pc. EERgo paddle welding tool
- 1 pc. Guide clamp FZ01 Vario
- 1 pc. Edge cutter SE02
- 1 pc. Scissors AS02 with prism
- 1 pc. Carrying bag small



Description

EERGO-Set "universal" 230 V

EERGO-Set Vario "universal" 230 V

Order No.

FBWEE004

FBWEE014

EERGO-Set "universal"

Professional welding set for small and big profiles:

round belts all sizes and V-belts up to profile 32 (D)

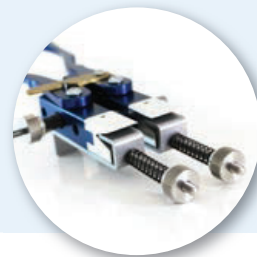
- 1 pc. EERgo paddle welding tool
- 2 pcs. Guide clamps FZ01
- 1 pc. Edge cutter SE02
- 1 pc. Scissors AS04 with stop
- 1 pc. Guide clamp FZ02/3
- 1 pc. Carrying bag big

EERGO-Set Vario "universal"

Professional welding set for small and big profiles:

round belts all sizes and V-belts up to profile 32 (D)

- 1 pc. EERgo paddle welding tool
- 1 pc. Guide clamp FZ01 Vario
- 1 pc. Edge cutter SE02
- 1 pc. Guide clamp FZ02/3
- 1 pc. Scissors AS04 with stop
- 1 pc. Carrying bag big



Paddle (EERgo)

Spare paddle for welding tool "EERgo"

Dimensions (HxWxD):
43 x 65 x 6 mm

Description

Spare paddle EERgo

Order No.

FBWEE002

RS02

The patented friction welding machine RS02 for polyurethane profiles eliminates downtime with a perfect weld on each application!

Features at a glance

- No long heating-up and set-up times, spliced within seconds.
- Precise pressure and automatical O-positioning prevents uneven welds and premature failure.
- Automatic alignment ensures that the belt ends are aligned perfectly.
- Temperature variation is never a concern (no guess-work).
- Without the risk of injury or fire due to hot metal.
- Due to its small size the RS02 press can be used in confined spaces.
- Thanks to its exchangeable jaws the RS02 is suitable for splicing many different profiles from Ø 6 mm made of polyurethane.



Made in Germany
PATENT

Scope of delivery:

- 1 pc. Friction welding machine RS02
- 1 set standard profile jaws at your choice
- 1 pc. Torque wrench
- 1 pc. Scissors AS02
- 1 pc. Edge cutter SE02
- 1 pc. Carrying case with durable and predictive foam inlay

Dimensions (HxWxD): 390x105x123 mm
Weight: approx. 2450g, Power: 500 W

Description
230 Volt

Order No.
FBWRS022230V

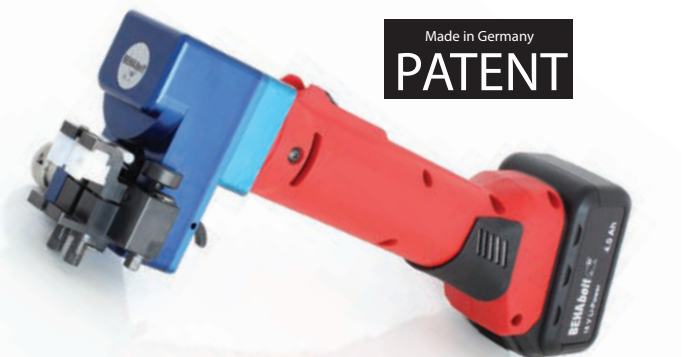
RS02 AKKU

Battery-operated patented friction welding machine RS02 AKKU for polyurethane profiles for improved high-mobility maintenance.

Features at a glance

Same characteristics as RS02, but with the following distinguishing features:

- Cordless; battery-operated
- Larger scope of delivery



Made in Germany
PATENT

Scope of delivery:

- 1 pc. Friction welding machine RS02 AKKU
- 1 set standard profile jaws at your choice
- 1 pc. Torque wrench
- 1 pc. Scissors AS02
- 1 pc. Scissors AS04
- 1 pc. Edge cutter SE02
- 2 pcs. Battery pack
- 1 pc. Charger
- 1 pc. Assortment box
- 1 pc. Carrying case with durable and predictive foam inlay

Dimensions (HxWxD): 390x105x123 mm
Weight approx. 2780g, Power: 18V 4Ah (72Wh)

Description
230 Volt

Order No.
FBWRS02A230



LG4A

Charger 4A / 230V
for RS02 Akku

Charger

Description Order No.
LG4A Charger FBWRS02LG4A2



Battery

Spare battery for friction welding machine RS02 AKKU 18V / 4Ah (72Wh)

Description Order No.
RS02 spare battery FBWRS02AK18V

Our clamping jaw range

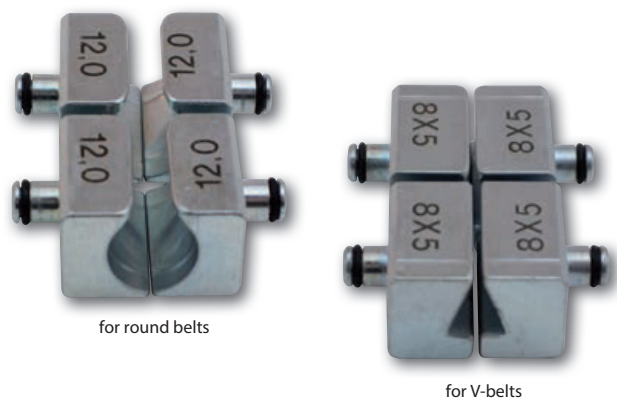
1 set of jaws consists of 4 parts

Features at a glance

- Please note each belt profile requires a matching set of jaws.
- Therefore, please select the appropriate clamping jaws for the required profile geometry.
- On request, we also manufacture clamping jaws for PU special profiles.

Round belts

RS Clamping jaws round belt Ø 6,0mm	FBWSBR060
RS Clamping jaws round belt Ø 6,3mm	FBWSBR063
RS Clamping jaws round belt Ø 7,0mm	FBWSBR070
RS Clamping jaws round belt Ø 7,9mm	FBWSBR079
RS Clamping jaws round belt Ø 8,0mm	FBWSBR080
RS Clamping jaws round belt Ø 9mm	FBWSBR090
RS Clamping jaws round belt Ø 9,5mm	FBWSBR095
RS Clamping jaws round belt Ø10,0mm	FBWSBR100
RS Clamping jaws round belt Ø12,0mm	FBWSBR120
RS Clamping jaws round belt Ø12,5mm	FBWSBR125
RS Clamping jaws round belt Ø 12,7mm	FBWSBR127
RS Clamping jaws round belt Ø13,0mm	FBWSBR130
RS Clamping jaws round belt Ø14,0mm	FBWSBR140
RS Clamping jaws round belt Ø 14,3mm	FBWSBR143
RS Clamping jaws round belt Ø15,0mm	FBWSBR150
RS Clamping jaws round belt Ø 15,9mm	FBWSBR159
RS Clamping jaws round belt Ø17,0mm	FBWSBR170
RS Clamping jaws round belt Ø18,0mm	FBWSBR180
RS Clamping jaws round belt Ø 19,0mm	FBWSBR190
RS Clamping jaws round belt Ø 20,0mm	FBWSBR200



V-belts

RS Clamping jaws V-belt (Y) 6X4mm	FBWSBK06
RS Clamping jaws V-belt (M) 8X5mm	FBWSBK08
RS Clamping jaws V-belt (Z) 10X6mm	FBWSBK10
RS Clamping jaws V-belt (A) 13X8mm	FBWSBK13
RS Clamping jaws V-belt (B) 17X11mm	FBWSBK17
RS Clamping jaws V-belt (C) 22X14mm	FBWSBK22

V-belts special versions

RS Clamping jaws V-belt 8X6,5mm	FBWSBK8X65
RS Clamping jaws V-belt 10X8mm	FBWSBK10X8
RS Clamping jaws Supergrip (Z) 10X6mm	FBWSBK10G
RS Clamping jaws Supergrip (A) 13X8mm	FBWSBK13G
RS Clamping jaws Supergrip (B) 17X11mm	FBWSBK17G
RS Clamping jaws Supergrip (C) 22X14mm	FBWSBK22G
RS Clamping jaws (B) 17X11 for brush 90°	FBWSBK17B
RS Clamping jaws (C) 22X14 for brush 90°	FBWSBK22B

Rigde-top-V-belts

RS Clamping jaws SK1 (B) 17X19mm	FBWSBK17X19
RS Clamping jaws SK1 (C) 22X24mm	FBWSBK22X24

Twin-V-belts

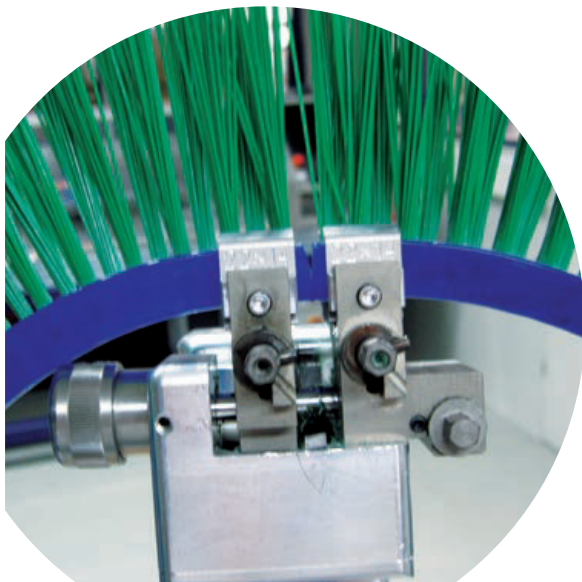
RS Clamping jaws Twin-V-belt 21X8mm	FBWSBK21X8
RS Clamping jaws Twin-V-belt (Z) 24X6,8mm	FBWSBK24X68
RS Clamping jaws Twin-V-belt 30X8mm	FBWSBK30X8

T-Profiles

RS Clamping jaws T-Profile 15X5mm	FBWSBST15X5
RS Clamping jaws T-Profile 5X5X25mm	FBWSBST5525

Special profiles

RS Clamping jaws Square profile 11,8X11,8mm	FBWSBSQ118
RS Clamping jaws U-profile 18X11,8mm	FBWSBSU180
RS Clamping jaws prism-V-belt 33X8mm	FBWSBS33X8
RS Clamping jaws Peach profile 28X29mm	FBWSBS28X29



FZ02/3 and FZ02/2

Guide clamp FZ02/3 Standard
Robust and accurate for V-belts up to profile 32 (D)
and round belts from \varnothing 8mm.

Guide clamp FZ02/2 customized adapter
Customized adapter for the guide clamp FZ02/3 for
custom profile geometries according to your specifications.
Existing geometries in mm: 12,5x5, 15x5, 16x8, 18x6, 24x6,8,
25x5, 30x8, 38x2, 6x4x9, 21x8, 28x10, flat profile, square
profile, U-profile, T-profile 10x6, 28x10



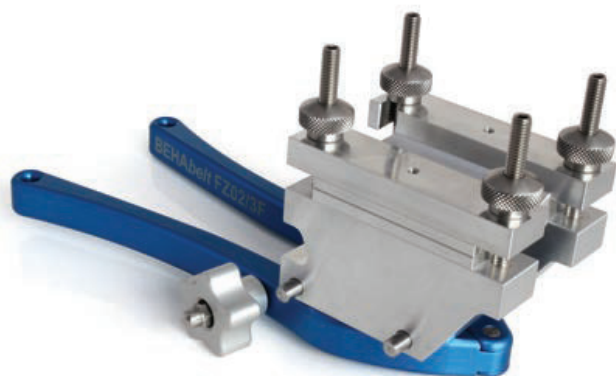
For 90°-welding

Dimensions (HxWxD): 205x90x100mm
Weight: approx. 617g

Description	Order No.
Guide clamp FZ02/3	FBWFFZ02/3
Guide clamp FZ02/2 S	FBWFFZ02/2

FZ02/3F

Guide clamp FZ02/3F for flat profiles
Robust and accurate for flat profiles.
Width max. 60mm and Height 1,6 - 5 mm.



For 90°-welding

Dimensions: 205 x 90 x 100mm (HxWxD)
Weight: approx. 617g

Description	Order No.
Guide clamp FZ02/3F	FBWFFZ02/3F



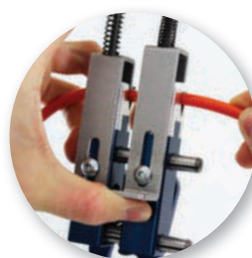
Convertible !
Can also be used
without handle.

Profile jaws for
special profiles

Dimensions (HxWxD): 240x125x50 mm
140x195x50 mm without handle
Weight: approx. 365 g
approx. 320 g without handle

Description
FZ01 Vario

Order No.
FBWFZ01V



Quick clamp device for
inserting the profiles.



Automatic unlocking
starts off lateral pressure.



Precise welding thanks
to constant pressure.

FZ01 Vario

Guide clamp FZ01 Vario Metal can be assembled in two operating modes. With and without handle!

Convenient and tough for round belts up to \varnothing 10 mm and V-belts up to profile 10 (Z).

Exchangeable profile jaws allow custom profiles to be spliced easily.

Highlights

Fast, reliable and exceptionally precise connecting of PU and TPE profiles.

- Special inserts for: PJ2 and PJ3 ribbed V-belts.
- Your choice for standard and customized profiles!



Dimensions (HxWxD): 127x70x35 mm
Weight: approx. 140 g

Description
Guide clamp FZ01

Order No.
FBWFZ01

FZ01

Handy and lightweight for round belts up to \varnothing 10 mm and V-belts up to profile 10 (Z).

Highlights

Fast, reliable and exceptionally precise connecting of PU and TPE profiles.

- Your choice for standard profiles!



SG02 / SG03

Very cost-effective.
SG02 for PU
SG03 for TPE

Features at a glance

- Easy and safe operation.
- Fixed, unregulated temperature setting.
- Reaches the welding temperature after approx. 10 min.
- Small, convenient and tough welding tool.
- No adhesion of PU and TPE materials, thanks to Teflon-coated welding paddle.
- Easy to clean with a cotton cloth.
- Caution! Not suitable for continuous use.

Scope of delivery:

1 pc. SG02 welding tool
for Polyurethane (PU) 290 °C - 300 °C

or

1 pc. SG03 welding tool
for Polyester (TPE) 215 °C - 240 °C

Dimensions: 280 x 33 x 33 mm (HxWxD)

Weight: approx. 227 g

Heating time: approx. 10 min.

Power: 80W (SG02); 40W (SG03)

Description

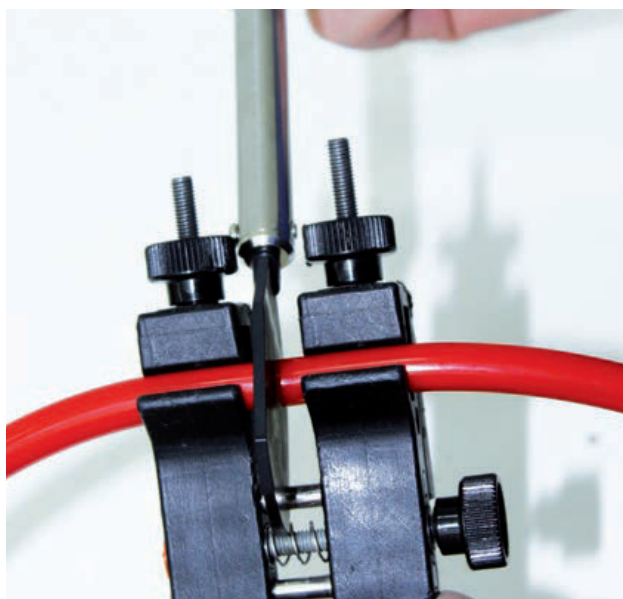
SG02 PU - 230 V

SG03 TPE - 230 V

Order No.

FBW5G02

FBW5G03



Spare parts

Spare paddle SG02 or SG03

Order No.FBWTC72

Dimensions (HxWxD): 35 x 35 x 2 mm



Spare paddle SG02 or SG03 for flat belts

Order No.FBWTC76

Dimensions (HxWxD): 22,5 x 75 x 2 mm



MultiTC

BEHAbelt Multi TC is the proven continuously adjustable paddle welding tool for polyurethane and polyester.

Features at a glance

- Easy and safe handling.
- Very fast heating-up period.
- Variable temperature setting through adjusting wheel.
- Continuous welding temperature through temperature control even at long-term operation.
- LED display for signal of optimum welding temperature.
- Teflon coated welding paddle.
- Easy cleaning with cloth.



Polyurethane PU 290 °C
Polyester TPE 240 °C

Continuously
temperature control

Scope of delivery:

1 pc. Multi TC welding tool
Temperature-controlled welding tool for two
temperature ranges: PU 290 °C / Polyester 240 °C

Dimensions: 295 x 35 x 25 mm (HxWxD)
Weight: approx. 250g
Heating time: approx. 5 Minuten
Temperature range: continuously 200...300 °C
Power: 75 W

Description
Multi TC 230 V

Order No.
FBWMTC230

Spare parts

Spare paddle Multi TC
Order No.FBWMTC1
Dimensions (HxWxD): 35 x 35 x 2 mm



Spare paddle Multi TC for flat belts
Order No.FBWMTC2
Dimensions (HxWxD): 25 x 70 x 2 mm

