

# Bonding

## Press Machines Standard

### ROMAX® 3000

Electro-hydraulic press machine for battery and mains operation for the system dependant pressing of fittings up to Ø110 mm\* with 32 - 34 kN

**Made in Germany**

Please observe system characteristics/ benefits on pages 98 - 99!

#### Product Profile

##### APPLICATION RANGE

The ROMAX® 3000 is fast, light, handy and safe. It is ideally suited for use at the building site

##### KEY FEATURES

- **Fast**  
A pressing cycle only lasts approx. 5 seconds. The piston retracts automatically after every finished pressing
- **Safe**  
CFT® guarantees the necessary pressing force. The automatic controlled press cycles ensure that the piston retracts to the starting position after the necessary pressing force has been reached
- **Light**  
The extremely low weight, as well as the balanced weight distribution, ensure fatigue-free use even in continuous use

\*system dependant

##### KEY FEATURES

- **Reliable & economical**  
Highest quality service interval of 20,000 pressing cycles secures continuous economical use
- **Expanded operational temperature range**  
The ROMAX® 3000 works perfectly, even under adverse environmental conditions. Pressing is possible between -10° C and +60° C
- **Large range**  
The standard Li-ion technology allows up to 160 pressings (with 28 mm stainless steel), and/or 90 pressings (with 54 mm stainless steel) with each charge
- **Practical design**  
The compact, wand-like design allows pressings even in confined spaces



#### Wand-like

Design allows use in installation shafts and by front-wall constructions

#### Rubberised handle

Secure hold even in wet conditions

#### 2-speed switch

Light pressure activates the LED, when pressed through the pressing cycle begins

#### LED display

Electronic flat battery detection, electronic counting of press cycles (notifies maintenance interval), further pressings possible

#### Safety lock

No unintentional opening because 180° rotation is required

#### Press jaw fixture can be rotated 270°

For easy operation even in confined spaces

#### Light weight and balanced weight distribution

Fatigue-free and ergonomic use even over long periods of time

#### Powerful motor

Fast pressings in approx. 5 seconds

#### Emergency stop switch

Immediate interruption of the feed and retraction of the piston

#### CFT® (Constant Force Technology) for constant axial pressing force of 32 kN

Constant pressing force over 20,000 press cycles



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#### TECHNICAL DATA

<b>Dimensions:</b>	445 x 125 x 75 mm
<b>Weight:</b>	approx. 3.6 kg (without press jaws)
<b>Piston force/-hub:</b>	32 kN / 40 mm
<b>Nominal size:</b>	Ø 12 - 110 mm (system dependant)
<b>Press jaw fixture:</b>	270° rotation
<b>Power supply:</b>	Li-ion battery 18 V / 3 Ah Main adaptor 230 V, 50 - 60 Hz, Main adaptor 110 V on request
<b>Operating temperature:</b>	-10° C up to +60° C
<b>Pressings:</b>	Up to 160 with 28 mm stainless steel Up to 90 with 54 mm stainless steel

#### PRESSING TOOLS

<b>Press jaws:</b>	ROTHENBERGER standard press jaws, compatible with many other manufacturers starting on page 106
<b>Pressing collars:</b>	ROTHENBERGER pressing collars starting on page 106

#### High energy density

More pressing per charge, light weight <sup>1)</sup>

#### Cold-resistant

Can be used in even the lowest temperatures (-10° C up to +60° C)

#### No memory effect

A partially discharged battery can be fully recharged without any loss of capacity

#### Low self discharge

Very long shelf-life



Fig. ROMAX® 3000 set with press jaws

#### Light



#### Fast



#### Reliable



#### Slim



Basic set (No. 15800) includes: ROMAX® 3000, 18 V / 3.0 Ah Li-ion battery (No. 15810), rapid charger (No. 15811), plastic carrying case (No. 15816) (without press jaws)

Model	Description	Press jaws mm		kg	No.
ROMAX® 3000 Set Basic	in plastic carrying case with Li-ion battery and charger (without press jaws)		1	9.8	15800
ROMAX® 3000 Set SV	with press jaws type SV (Viega, et al.), with Li-ion battery	15 - 22 - 28	1	14.5	15840
ROMAX® 3000 Set TH	with press jaws type TH (Henco, et al.), with Li-ion battery	16 - 20 - 26	1	14.5	15845
ROMAX® 3000 Set U	with press jaws type U (UNICOR, et al.), with Li-ion battery	16 - 20 - 25	1	14.5	15850
ROMAX® 3000 Set M	with press jaws type M (Mapress, et al.), with Li-ion battery	15 - 22 - 28	1	14.5	15855

#### ACCESSORIES

Model	No.
ROMAX® 3000 Li-ion battery 18 V / 3 Ah	15810
ROMAX® 3000 charger for 110-230 Volt	15811
ROMAX® 3000 main adaptor 230 Volt	15812
Plastic carrying case, empty	15816
Press jaws, pressing collars starting on 106	

<sup>1)</sup> Compared to the ROTHENBERGER NiMH battery



**ROTHENBERGER**