ROTHENBERGER

pipetool technologies at work

Over 60 Years of Global Innovation

ROTHENBERGER ROMAX PRESS TECHNOLOGY





Phone: 1800 186 657 **Fax:** 1800 286 657 **Web:** www.rothenberger.com.au

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ROMAX® Press Machines – Made in Germany

For the bonding of pipes, ROTHENBERGER has developed a high-quality press technology system.
Thanks to a platform strategy with high component similarity, the tools win over customers with their technology and safety.
ROTHENBERGER pressing tools are developed and manufactured in Germany.

ROTHENBERGER Pressing Technology Overview

	Compact	3000
Nominal size	For press connections of Ø 15 - 40 mm - Overview below	For press connections of Ø 15 - 100 mm* - Overview below *Capable of pressing up to Ø 110 mm but dependent on the availability of a fitting system and approved jaws
Press machines	**ROMAX® Compact** 	**ROMAX® 3000** 
Press jaws	**Compact Press Jaws** 	**3000 Press Jaws** 

Press Jaw & Pipe System Overview

Label Colour	Pipe system	Romax unit	Jaw sizes available
	B-Press	Compact	15 - 20 - 25mm
		3000	15 - 20 - 25 - 32 - 40 - 50 - 65 - 80 - 100mm
	Duopex	Compact	16 - 20 - 26 - 32 - 40mm
		3000	16 - 20 - 26 - 32 - 40 - 50 - 63mm
	Auspex	Compact	16 - 20 - 25mm
		3000	16 - 20 - 25mm

Note: Press jaws are not interchangable between the Romax Compact and Romax 3000 Systems

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ROTHENBERGER Constant Force Technology

The CFT® technology guarantees a constant axial pressing force over the entire service interval. A very important requirement for the production of sealed press connections CFT® guarantees:

ROMAX® Compact
19-21 kN for 10,000 press cycles

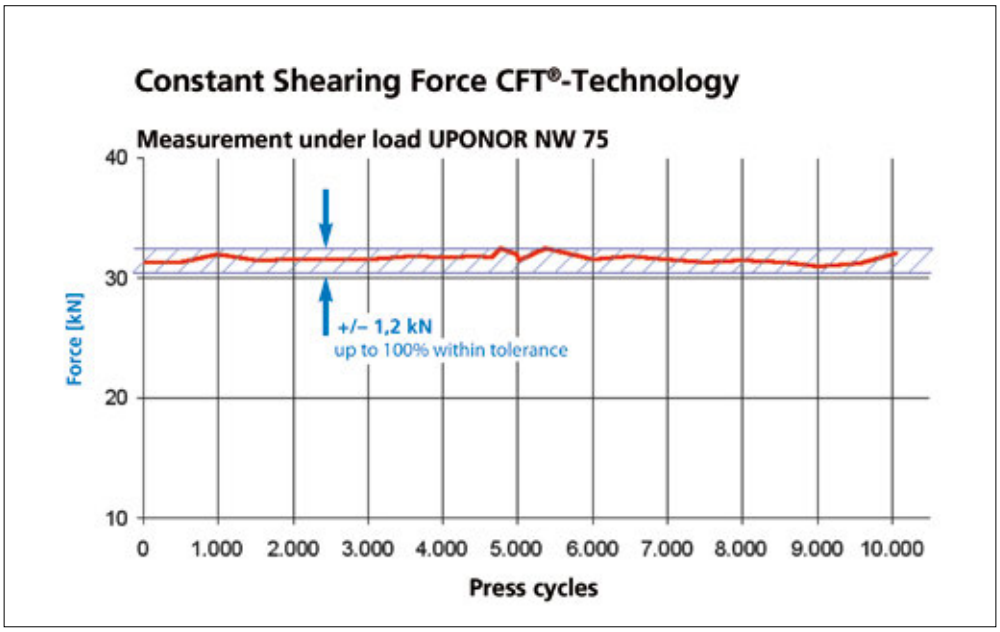
ROMAX® 3000
32-34 kN for 20,000 press cycles

Safety lock

No accidental release,
since a 180° rotation is required

Safe operation with the emergency-stop switch

All ROTHENBERGER press machines are equipped with an easily accessible emergency stop switch. By pushing the switch, the press cycle is immediately interrupted and the piston retracts automatically.



Controlled press cycle

After reaching a predetermined pressing force the press cycle switches off automatically. The piston retracts after the necessary pressing forces has been reached. This guarantees uniform and reliable pressings analogue to the requirement of leading system manufacturers.

ROTHENBERGER Li-Ion Technology

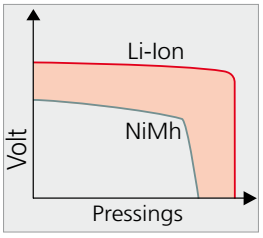
The pressing tools ROMAX® Compact and ROMAX® 3000 are equipped with the newest Li-ion technology. Li-ion batteries have many advantages compared to standard battery technology:

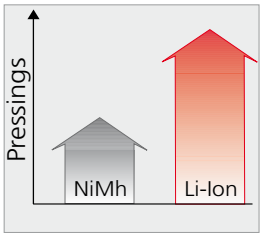
- High energy density - up to 100% more pressing per charge compared to the ROTHENBERGER NiMH battery
- Low weight - 30% weight savings
- Cold-resistant - even at near freezing temperatures
- Lowest self-discharge - can be stored up to 12 months
- No memory effect - can be charged at any time
- Constant energy from the first until the last pressing

Electronic control

The electronics of the ROMAX® Compact and the ROMAX® 3000 provide for a safe pressing cycle:

- Control of the battery charge status
- Safety start-inhibitor when the battery is too low
- LED display of the service interval and any error messages





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ROMAX® Compact

Electro-hydraulic press machine, for battery and mains operation for the pressing of fittings up to Ø 40 mm (plastic/multi-layer) and/or up to Ø 25 mm (metal) with 19 kN

Made in Germany

Product Profile

APPLICATION AREA

The ROMAX® Compact is extremely light, easy to hold and with it's compact design it is perfect for field use, especially in confined spaces

KEY FEATURES

- Extremely light: only 2.6 kg
- Ergonomic thanks to the rubberised handle and balanced weight distribution
- For battery and mains operation
- Work-bench function
- Controlled press cycle
- Electric control with service counter and battery status indicator
- CFT®-Technology
- Safety lock
- Emergency stop switch

TECHNICAL DATA

Dimension:	400 x 70 x 90 mm
Weight:	ca. 2.6 kg (without press jaw)
Piston force / hub:	19 kN / 30 mm
Nominal size:	Ø 15 - 40 mm (System dependent)
Press jaw fixture:	270° rotation
Power supply:	Li-ion battery 14.4 V / 2.6 Ah
Operating temperature:	0° C up to +40° C
Pressings:	up to 140 with 28 mm stainless steel

PRESSING TOOLS

Press jaws:	ROTHENBERGER Compact press jaws



3 Years Warranty
12 months for batteries

Light weight and balanced weight distribution
Fatigue-free and ergonomic use even over long periods of time

Wand-like
design enables use in installation shafts and by front-wall constructions

270° rotatable jaw fixture
For easy use in confined spaces

LED display
Electronic battery charge indicator, electronic counting of the press cycles (Display when service interval has been reached, further pressings are possible)

Powerful motor
Fast pressings in approx. 4 seconds



Safety lock
No unintentional opening because a 180° rotation is necessary

Rubberised handle
Secure hold even in wet conditions

Emergency stop switch
Immediate interruption of the feed and retraction of the piston

CFT®- Technology (Constant Force-Technology) for a constant axial force of 19 kN
Constant pressing force for over 10,000 press cycles

Li-ion battery technology
Up to 100% more pressings*

* compared to ROTHENBERGER NiMH batteries

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ROMAX® Compact Set

Made in Germany

(No. 1000000184) includes: ROMAX® Compact press machine,
1x 14.4 V/2.6 Ah Li-ion battery (No. 15418), rapid charger (No. 1500000230),
3 x B-Press jaws (15, 20 & 25mm) in a plastic carrying case

All ROMAX® Compact have a Li-ion battery!

High energy density

More pressing per charge, light weight [2)]

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



Workbench function with stable supporting surface



Slim – compact wand-like design



Work above head



Model	Description	Press jaws mm	kg	No.
ROMAX® Compact Set	Romax Compact tool, Charger, 14.4V Li-ion battery, 3 x B-Press Jaws in a plastic carry case	15, 20 & 25mm	5.0	**1000000184**
ROMAX® Compact	Romax Compact tool, Charger, 14.4 Li-ion battery in a plastic carry case	No Pressing Jaws	2.65	**1000000161**

ACCESSORIES

Model	No.
ROMAX® Compact spare battery (14.4 V / 2.6 Ah, Li-Ion)	**15418**
ROMAX® Compact charger (230 V)	**1500000230**
Plastic carrying case for up to 6 B-Press Jaws (Case only)	**15031**







ROMAX PRESS TOOLS

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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

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 last approx. 5 seconds. The piston retracts automatically after every finished pressing
- **Safe**
  CFT® guarantees the necessary pressing force. The automatic controlled press cycles ensures 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

***Dependent on the availability of a system with that size fitting and a press jaw engineered to match that system.**

KEY FEATURES

- **Reliable & economical**
  Thank the highest quality service interval of 20,000 pressing cycles. This 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



3 Years Warranty

12 months for batteries

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

Rubberised handle
Secure hold even in wet conditions

Safety lock
No unintentional opening because a 180° rotation is required

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 (Notify maintenance interval), further pressings possible



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®- Technology (Constant Force-Technology) for constant axial pressing force of 32 kN
Constant pressing force over 20,000 press cycles

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ROMAX® 3000 Set Basic I

Set Basic I (No. 15020) includes: ROMAX® 3000 press machine, 1x 14.4 V/2.6 Ah Li-ion battery (No. 15810), rapid charger (No. 150000231), plastic carrying case (No. 15016), (without press jaws)

Made in Germany

TECHNICAL DATA

Dimensions:	445 x 125 x 75 mm
Weight:	approx. 3.6 kg (without press jaws)
Piston force/-hub:	32 kN / 40 mm
Nominal size:	Ø 15 - 50 mm (system dependant)
Press jaw fixture:	270° rotation
Power supply:	Li-ion battery 18 V / 3 Ah
Operating temperature:	-10° C up to +60° C
Pressings:	Up to 160 with 28 mm stainless steel Up to 90 with 54 mm stainless steel

PRESSING TOOLS

Press jaws:	ROTHENBERGER standard press jaws, compatible with many other manufacturers starting on page 69

Romax® 3000 Jaw Set



Romax® 3000 Set



All ROMAX® 3000 have a Li-ion battery!

High energy density

More pressing per charge, light weight [2)]

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

Light



Fast



Reliable



Slim



Model	Description	Press jaws mm	kg	No.
ROMAX® 3000*	Romax 3000 tool, Charger, Li-ion 18V Battery in plastic carrying case	No Pressing Jaws	9.8	1000000162
ROMAX® 3000 Jaw Set*	6 x B-Press Jaws in a plastic carry case	15, 20, 25, 32, 40 & 50mm	17	1000000186

*Romax 3000 (1000000162) Romax 3000 Jaw Set (1000000186) must be puchased together to make a complete set

ACCESSORIES

Model	No.
ROMAX® 3000 Li-ion battery 18 V / 3 Ah	15810
ROMAX® 3000 charger for 110-230 Volt	1500000231
Plastic carrying case for up to 6 B-Press Jaws (Case only)	15031







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Compact Press Jaws

For ROMAX® Compact

ROTHENBERGER Press Jaws with proven material and manufacturing quality for system dependant pressing of fittings up to 25 mm (B Press), Ø 32 mm (Auspex) and / or up to Ø 40 mm (Duopex)

Precision-manufactured contours

For optimum and reliable pressings

Made of forged, highly resilient special steel

Suitable for all press machines with a constant axial thrust of **19 kN** and compatible press jaw fixture

Special hardening process

High degree of elastic force and expansion capability

3-bolt synchronised mechanism

- Highest precision by pressing
- Synchronised run of the jaw lever
- Increased stability and durability
- Open the jaw with just 1 finger!

Batch numbering and individual testing

Secures the high quality standard of material and press contour



Permanent bolt

- Without potential weak points / no thread
- Considerable reduction of the breakage risk
- Increased safety

Long-term corrosion protection

Optimum for heavy-duty field operation

Optimised inlet contour

- Adapted power flow
- Less wear and tear

Product identification, simple to read, clear system and nominal size classification



3000 Press Jaws

For ROMAX® 3000

ROTHENBERGER Press Jaws with proven material and manufacturing quality, for system conforming pressing of fittings up to 50 mm (B Press), Ø 32 mm (Auspex) and / or up to Ø 40 mm (Duopex)

Precision-manufactured contours

For optimum and reliable pressings

Made of forged, highly resilient special steel

Suitable for all press machines with a constant axial thrust of **32 - 34 kN** and compatible press jaw fixture

Special hardening process

High degree of elastic force and expansion capability

3-bolt synchronised mechanism

- Highest precision by pressing
- Synchronised run of the jaw lever
- Increased stability and durability
- Open the jaw with just 1 finger!

Batch numbering and individual testing

Secures the high quality standard of material and press contour



Permanent bolt

- Without potential weak points / no thread
- Considerable reduction of the breakage risk
- Increased safety

Optimised inlet contour

- Adapted power flow
- Less wear and tear

Long-term Corrosion protection

Optimum for heavy-duty field operation

Product identification, simple to read, clear system and nominal size classification



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XL Press Jaws

For ROMAX® Press Tools

ROTHENBERGER XL Press Jaws with proven material and manufacturing quality for system dependant pressing of fittings of 65, 80 & 100 mm (B Press)

Precision-manufactured contours

For optimum and reliable pressings

Made of forged, highly resilient special steel

Suitable for all press machines with a constant axial thrust of **32 - 34 kN** and compatible press jaw fixture

Special hardening process

High degree of elastic force and expansion capability



2-bolt synchronised mechanism

- Highest precision by pressing
- Synchronised run of the jaw lever
- Increased stability and durability
- Open the jaw with just 1 finger!

Permanent bolt

- Without potential weak points / no thread
- Considerable reduction of the breakage risk
- Increased safety

Batch numbering and individual testing

Secures the high quality standard of material and press contour

Long-term corrosion protection

Optimum for heavy-duty field operation

Compact Design

Crimp fittings in confined spaces

Optimised inlet contour

- Adapted power flow
- Less wear and tear

Actuator

For ROMAX® Press Tools

ROTHENBERGER Press Jaws with proven material and manufacturing quality, for system conforming pressing of fittings 65, 80 & 100 mm (B Press)

Precision-manufactured contours

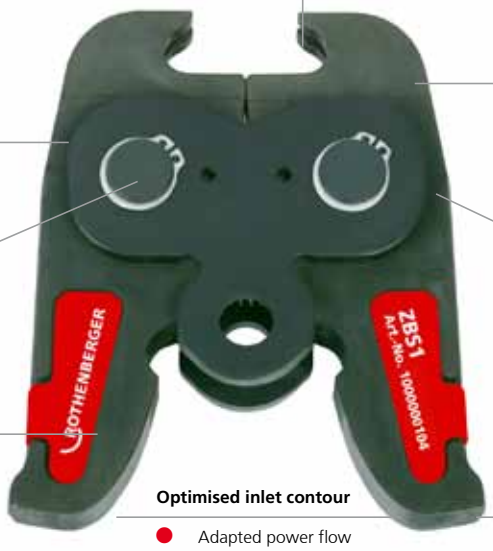
For optimum and reliable pressings

Made of forged, highly resilient special steel

Suitable for all press machines with a constant axial thrust of **32 - 34 kN** and compatible press jaw fixture

Special hardening process

High degree of elastic force and expansion capability



3-bolt synchronised mechanism

- Highest precision by pressing
- Synchronised run of the jaw lever
- Increased stability and durability
- Open the jaw with just 1 finger!

Permanent bolt

- Without potential weak points / no thread
- Considerable reduction of the breakage risk
- Increased safety

Batch numbering and individual testing

Secures the high quality standard of material and press contour

Optimised inlet contour

- Adapted power flow
- Less wear and tear

Long-term Corrosion protection

Optimum for heavy-duty field operation

Romax Compact Press Jaws

For B Press system

Unit Model	Description	Press jaws mm	kg	No.
ROMAX® Compact	15mm B-Press Jaw (Not interchangeable with Romax 3000)	15mm	1.2	1000000163
ROMAX® Compact	20mm B-Press Jaw (Not interchangeable with Romax 3000)	20mm	1.2	1000000164
ROMAX® Compact	25mm B-Press Jaw (Not interchangeable with Romax 3000)	25mm	1.55	1000000165

For Duopex system

Unit Model	Description	Press jaws mm	kg	No.
ROMAX® Compact	16mm Duopex Jaw (Not interchangeable with Romax 3000)	16mm	1.2	1000000174
ROMAX® Compact	20mm Duopex Jaw (Not interchangeable with Romax 3000)	20mm	1.2	1000000176
ROMAX® Compact	26mm Duopex Jaw (Not interchangeable with Romax 3000)	26mm	1.8	1000000177
ROMAX® Compact	32mm Duopex Jaw (Not interchangeable with Romax 3000)	32mm	2.5	1000000178
ROMAX® Compact	40mm Duopex Jaw (Not interchangeable with Romax 3000)	40mm	2.8	1000000179
ROMAX® Compact	16, 20, 26 & 32mm Jaw Set (Not interchangeable with Romax 3000)	Set	-	1000000417

For Auspex system

Unit Model	Description	Press jaws mm	kg	No.
ROMAX® Compact	16mm Auspex Jaw (Not interchangeable with Romax 3000)	16mm	1.2	1000000206
ROMAX® Compact	20mm Auspex Jaw (Not interchangeable with Romax 3000)	20mm	1.2	1000000207
ROMAX® Compact	25mm Auspex Jaw (Not interchangeable with Romax 3000)	25mm	1.8	1000000208
ROMAX® Compact	16, 20 & 25mm Jaw Set (Not interchangeable with Romax 3000)	Set	-	1000000198

Romax 3000 Press Jaws*

For B Press

Unit Model	Description	Press jaws mm	kg	No.
ROMAX® 3000	15mm B-Press Jaw (Not interchangeable with Romax Compact)	15mm	2	1000000166
ROMAX® 3000	18mm B-Press Jaw (Not interchangeable with Romax Compact)	18mm	2	1000000714
ROMAX® 3000	20mm B-Press Jaw (Not interchangeable with Romax Compact)	20mm	2	1000000167
ROMAX® 3000	25mm B-Press Jaw (Not interchangeable with Romax Compact)	25mm	3	1000000168
ROMAX® 3000	32mm B-Press Jaw (Not interchangeable with Romax Compact)	32mm	3	1000000169
ROMAX® 3000	40mm B-Press Jaw (Not interchangeable with Romax Compact)	40mm	3.5	1000000170
ROMAX® 3000	50mm B-Press Jaw (Not interchangeable with Romax Compact)	50mm	4	1000000171
ROMAX® 3000	15, 20, 25, 32, 40 & 50mm Set (Not interchangeable with Romax Compact)	Set	-	1000000186
ROMAX® 3000	65mm XL B-Press Jaw (Not interchangeable with Romax Compact)	65mm	-	1000000750
ROMAX® 3000	80mm XL B-Press Jaw (Not interchangeable with Romax Compact)	80mm	-	1000000751
ROMAX® 3000	100mm XL B-Press Jaw (Not interchangeable with Romax Compact)	100mm	-	1000000752
ROMAX® 3000	65, 80, 100mm XL Set & Actuator (Not interchangeable with Romax Compact)	Set	-	1000000753
ROMAX® 3000	Actuator to suit XL range (Not interchangeable with Romax Compact)	-	-	1000000104

For Duopex system

Unit Model	Description	Press jaws mm	kg	No.
ROMAX® 3000	16mm Duopex Jaw (Not interchangeable with Romax Compact)	16mm	2	1000000313
ROMAX® 3000	20mm Duopex Jaw (Not interchangeable with Romax Compact)	20mm	2	1000000314
ROMAX® 3000	26mm Duopex Jaw (Not interchangeable with Romax Compact)	26mm	3	1000000315
ROMAX® 3000	32mm Duopex Jaw (Not interchangeable with Romax Compact)	32mm	3	1000000316
ROMAX® 3000	40mm Duopex Jaw (Not interchangeable with Romax Compact)	40mm	3.5	1000000317
ROMAX® 3000	16, 20, 26 & 32mm Jaw Set (Not interchangeable with Romax Compact)	Set	-	1000000418
ROMAX® 3000	40mm XL Duopex Jaw (Not interchangeable with Romax Compact)	40mm	-	1000000705
ROMAX® 3000	50mm XL Duopex Jaw (Not interchangeable with Romax Compact)	50mm	-	1000000706
ROMAX® 3000	63mm XL Duopex Jaw (Not interchangeable with Romax Compact)	63mm	-	1000000707
ROMAX® 3000	40, 50 & 63mm XL Set & Actuator (Not interchangeable with Romax Compact	-	-	1000000708
ROMAX® 3000	Actuator to suit XL range (Not interchangeable with Romax Compact	-	-	1000000104

For Auspex system

Unit Model	Description	Press jaws mm	kg	No.
ROMAX® 3000	16mm Auspex Jaw (Not interchangeable with Romax Compact)	16mm	2	1000000320
ROMAX® 3000	20mm Auspex Jaw (Not interchangeable with Romax Compact)	20mm	2	1000000321
ROMAX® 3000	25mm Auspex Jaw (Not interchangeable with Romax Compact)	25mm	3	1000000322
ROMAX® 3000	16, 20 & 25mm Jaw Set (Not interchangeable with Romax Compact)	Set	3	1000000416

*Capable of pressing up to Ø 110 mm but dependent on the availability of a fitting system and approved jaws
**Duopex jaws are suitable for Auspex system