



## Fit for the future with the new tool generation

*powered by Brushless Motor Technology*

With the pressing unit ACO203 you are well-prepared for the future. With only a length of 387 mm it is 23 mm shorter and handier than its predecessor - and weighs only 2.8 kg. Thanks to the innovative brushless motor technology the need for maintenance is significantly reduced for the complete tool. The low heat generation of the brushless motor makes a longer uninterrupted tool operation possible. Precise and fast - the ACO203 presses metal systems up to 54 (108) mm and plastic systems up to 110 mm. The increased efficiency makes up to 40 % more pressings possible per battery charge\*.

### Advantages:

- Even lighter than its predecessor - only 2.8 kg
- Higher performance - up to 40 % more pressings per battery charge\*
- Illumination of the press area for safe working
- Reduced need for maintenance due to new motor technology
- Maintenance interval of 2 years - without limited numbers of press cycles thanks to press force monitoring in the device itself



Metal up to 54 (108) mm  
Plastic up to 110 mm



Low weight



Small tool  
dimensions



Illumination of  
the press area



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\* in comparison to its predecessor ACO202

### The future in hand - Press technology of a new generation

Efficient - the ACO203 offers all features needed for economic and efficient working. The innovative *Brushless Motor Technology* is impressive with its high performance (up to 40 % more pressings per battery charge\* - approx. 10 % faster per press cycle\*) and its low need for maintenance. The maintenance interval is 2 years - but without limited numbers of press cycles, thanks to press force monitoring in the device itself.

Besides the small tool dimensions and the low weight the illumination of the press area for safe working belongs to the numerous comfort and performance features of the ACO203. The implemented diagnostic function makes it possible to get information about the last pressings during maintenance work in our service workshops.

The implemented illumination of the press area makes working, even in difficult lighting conditions, easier.



#### Technical Data ACO203

Dimensions:	up to dimension 54 (108) mm metal pipe / up to dimension 110 mm plastic pipe
Weight incl. battery:	2.8 kg
Length:	387 mm
Width:	75 mm
Height:	111 mm
Power consumption:	450 W
Piston force:	32 kN
Piston stroke:	40 mm
Battery:	18 V Li-Ion / 1.5 Ah 18 V Li-Ion / 3.0 Ah
Battery capacity**:	up to 80 / 160 press cycles
Charging time:	approx. 30 - 60 min.

\* in comparison to its predecessor ACO202  
\*\* depending on material and dimension

We reserve the right to make technical modifications.



## Pressing Unit ACO203XL

*powered by Brushless Motor Technology*

The all-round talent  
even for big dimensions  
up to 108 mm

 Metal systems up to 108 mm  
Plastic systems up to 110 mm

 40 % more pressings  
per battery charge\*

 Status indication  
with LED display

 Rotatable head

 Data transfer  
via Bluetooth®

- Light-weight and handy
- 12 - 108 mm with only one tool  
(all materials)
- 40 % more pressings per battery charge\*
- Rotatable head
- Back stroke limitation - faster pressings  
with compatible jaws by an adaptable  
piston stroke
- Reduced need for maintenance due to  
new motor technology
- Analysis of the pressing tool performance  
via NovoCheck app

Adaptor jaws  
ZB221 and ZB222



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because quality matters

\* in comparison to its predecessor ACO202XL

## Pressing Unit ACO203XL

### Time saving due to back stroke limitation

As an all-rounder among the pressing tools, the ACO203XL can be used for all dimensions up to 108 mm. For applications, which do not need the entire stroke of 80 mm, the tool is equipped with a back stroke limitation in order to adapt the stroke to 40 mm and to save time. Thanks to the compact design (only 3,9 kg and 46 cm length) and the rotatable head, the pressing unit is very easy to handle and even suitable for working overhead. Thanks to the new, implemented Bluetooth® Technology, device-related data can be requested via the NovoCheck app.

### NovoCheck app

- Data transfer between pressing tool and app
- Possibility to check the pressing tool's current status
- Analysis of the pressing tool performance
- Integrated report function for documentation of the installation



### Scope of application

- Drinking water-, gas- and heating installations, industry and commercial applications and many more
- Suitable for all authorized jaws of other system manufacturers in the market\*
- All common profiles for metal and plastic systems available

### Accessories

- Press jaws PB2
- Press collars with adaptor jaws ZB202 / ZB203 / ZB221 / ZB222
- Charger available in many worldwide power supply specifications
- Batteries with different capacities and implemented battery-status-indication available

The finger protection as well as the manual bolt retention and the visual error indication, which is implemented in the start button, provide the necessary safety while working.



## Novopress quality and service

### Tool features

- Battery-empty-detection
- Error display
- Device information through the LED indication under the start button
- Automatic pressing cycle

### Maintenance and service

- Qualified service on site thanks to international service network
- Mobile on-site service thanks to our service vehicle in Germany and parts of Europe
- Extended warranty (further information at [www.novopress.de](http://www.novopress.de))



### Technical Data ACO203XL

Dimensions:	Metal pipe up to 108 mm / Plastic pipe up to 110 mm
Weight incl. Battery:	3.9 kg
Length:	460 mm
Width:	83 mm
Height:	113 mm
Power consumption:	450 W
Piston force:	32 kN
Piston stroke:	80 mm (optionally 40 mm)
Battery:	18 V Li-Ion / 1.5 Ah Milwaukee 18 V Li-Ion / 3.0 Ah Milwaukee
Battery capacity**:	up to 250 press cycles
Charging time:	30 / 60 min.

\* for binding information please request your system manufacturer  
\*\* depending on material and dimension

We reserve the right to make technical modifications.

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## Reliable performance

Steady output, reliable and durable products - this is the Novopress standard since 1972 and the pressing unit EFP202 meets all this criteria at its best. Equivalent to the battery driven AFP202, the EFP202 can handle press joints up to 54 mm with metal pipes (depending on the pressfitting system even up to 108 mm) and plastic and multilayer pipes up to 110 mm. The EFP202 is d-shaped and lies safe and comfortably in your hands. The automatic retraction and the short pressing cycles enable quick and easy working.



Metal pipe up to 54 (108 mm)  
Plastic pipe up to 110 mm



Rotatable head

### Advantages:

- Robust design
- Automatic retraction
- Easy handling
- Rotatable head

## Basic-Line Pressing Unit EFP202

After a successful completed pressing cycle the piston will return in its start position and is ready for the next press job without any manual conversion. For this reason and thanks to the short pressing cycles a fast and economic working is provided.

Before the beginning of the fitting deformation, the pressing cycle can be interrupted by releasing the start button. After the power build-up on the jaw, the piston will not return in its start position until the pressing cycle is completed - for high pressing safety. In case the pressing cycle needs to be interrupted, a release button can be actuated, for an immediately stop of the piston stroke.

The pressing unit EFP202 can be used with all compatible Novopress press jaws produced since 1972, forming a reliable whole.



### Technical Data EFP202

Dimensions:	up to 54 mm metal pipe (depending on system up to 108 mm) / up to 110 mm plastic pipe
Weight:	4.1 kg
Length:	446 mm
Width:	85 mm
Height:	220 mm
Power consumption:	450 W
Piston force:	32 kN
Piston stroke:	40 mm

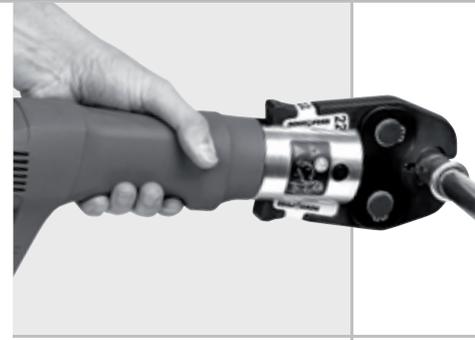


Compatible press jaws and press collars



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## Basic-Line Pressing Unit EFP203

High performance  
combined with  
slim design

- Lightweight and handy due to compact dimensions
- Robust design
- Automatic return
- Easy handling
- Rotatable head



Metal systems up to 54 (108) mm  
Plastic systems up to 110 mm



Low weight



Compact tool dimensions



Rotatable head



Press jaws and  
press collars



**novopress**  
because quality matters

## Basic-Line Pressing Unit EFP203

### Fast and economic operation

The pressing tool ensures a fast and economic operation thanks to the automatic return and the short pressing cycles. After a successful completed pressing cycle the piston returns in its starting position and is ready for the next pressing, without any manual conversion.

### Scope of application

- Drinking water-, gas- and heating installations, industry and commercial applications and many more
- Suitable for all authorized jaws of other system manufacturers in the market\*
- All common profiles for metal and plastic systems available

### Accessories

- Press jaws PB2
- Press collars with adaptor jaw ZB203
- Available for many worldwide common power supplies

The manual release button allows a discharge of the jaw if necessary.

### Novopress quality and service

#### **Basic-Line**

- Automatic return
- High Quality and reliable press forces
- Cost optimized

#### **Maintenance and service**

- Qualified service on site thanks to international service network
- Mobile on-site service thanks to our service vehicle in Germany and parts of Europe
- Extended warranty (further information at [www.novopress.de](http://www.novopress.de))



### Technical Data EFP203

Dimensions:	Metal pipe up to 54 mm (depending on system up to 108 mm) / Plastic pipe up to 110 mm
Weight:	3.0 kg
Length:	395 mm
Width:	81 mm
Height:	203 mm
Power consumption:	450 W
Piston force:	32 kN
Piston stroke:	40 mm

\* for binding information please request your system manufacturer

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## Press collars



Easy handling due to  
"snap on" principle



Metal up to 168.3 mm  
Plastic up to 110 mm

## Reliable press results up to large dimensions

- Versatilely applicable for dimension 35 up to 168.3 mm
- Applicable for metal and plastic systems
- User-friendly, lightweight and safe
- Thanks to spring force, the collar attaches itself independently on the fitting



## Press collars

The press collars form an adequate unit with the adaptor jaws which have been especially developed for those applications.

Novopress press collars can be used with different adaptor jaws with the 203-tools (ACO203/ECO203/EFP203), ACO203XL and ECO301. For high-pressure applications as sprinkler systems e. g., the tool ACO403 has been developed which is equipped with a permanently installed adaptor jaw. With this tool it is possible to press special press collars of dimensions HP76.1 - 108 mm as well as press collars of dimensions 114.3, 139.7 and 168.3 for drinking water installations.

The following overview shows the compatibility between press collars and adaptor jaws. You will find further combinations in a detailed overview under "Products" on our homepage [www.novopress.com](http://www.novopress.com).

## Novopress quality and service

### Maintenance and service

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Compatibility new press collars (angular)		Device type 2		Device type 2XL		Device type 3						
Press collar		ZB201	ZB202	ZB203	ZB221	ZB222	ZB302	ZB303	ZB321	ZB322	ZB323	ZB324
M-Contour	M42, M54, M65 Copper only (Australia), M66.7 Mapress	✓	-	✓	-	-	-	✓	-	-	-	-
	M64, M66.7 (X-Press), M67	-	-	-	✓	-	-	-	-	-	✓	-
	M76.1 - M88.9	-	-	-	✓	-	-	-	-	-	✓	-
	M108.0	-	-	-	✓	✓	-	-	-	-	✓	✓
HP-Contour	HP28, HP35	✓	-	✓	-	-	-	✓	-	-	-	-
	HP42, HP54	-	-	✓	-	-	-	✓	-	-	-	-
V-Contour	V42, V54	✓	-	✓	-	-	-	✓	-	-	-	-
	V65, V80, V100 (Australia)	✓	-	✓	-	-	-	✓	-	-	-	-
	V64 - V108.0	-	✓	-	-	-	-	-	-	-	-	-
TH-Contour	TH40, TH50, TH63	✓	-	✓	-	-	-	✓	-	-	-	-
U-Contour	U40, U50, U63	✓	-	✓	-	-	-	✓	-	-	-	-
	U75, U90, U110	-	✓	-	-	-	-	-	-	-	-	-

Compatibility old press collars (round with fastening)		Device type 2		Device type 2XL		Device type 3						
Press collar		ZB201	ZB202	ZB203	ZB221	ZB222	ZB302	ZB303	ZB321	ZB322	ZB323	ZB324
M-Contour	M42, M54	✓	-	✓	-	-	✓	✓	-	-	-	-
	M64, M67	-	-	-	-	-	✓	-	-	-	-	-
	M76.1, M88.9	-	-	-	✓	-	-	-	✓	-	✓	-
	M108,0	-	-	-	✓	✓	-	-	✓	✓	✓	✓
HP-Contour	HP35	✓	-	✓	-	-	✓	✓	-	-	-	-
	HP42, HP54	-	-	-	-	-	✓	-	-	-	-	-
V-Contour	V42, V54	✓	-	✓	-	-	✓	✓	-	-	-	-
TH-Contour	TH40, TH50, TH63	✓	-	✓	-	-	✓	✓	-	-	-	-
U-Contour	U40, U50, U63	✓	-	✓	-	-	-	✓	-	-	-	-