

Press Tools

Technical Product Selector 2019



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Hiring Tools

If you do not wish to purchase tools, KE KELIT offer a tool hiring service. Hire tools are only available for those who have an account with KE KELIT and have completed and returned the Hire Tool Agreement (see page 51).

If you do not have an account with KE KELIT, please contact info@kekelit.co.nz to register an account with us.

If you do have an account with us and have completed the hire tool agreement, please refer to the hire tool section on page 34 and order form on page 45 onwards.

Tool Maintenance & General Guidelines

Regular cleaning of press tools, jaws, adapters, and slings is necessary. These must be properly cleaned of all dirt, burrs etc. **on a weekly basis OR when switching between different materials.** If metal particles left behind are pressed into a fitting of a different material, this could potentially lead to pitting and further corrosion.

When using slings to press fittings (sizes 35mm/42mm and above), it is **ESSENTIAL** that the grooves in the press sling are lubricated with graphite oil (see image below for grooves that require lubrication). **KE KELIT NZ** recommends the use of BRUNOX Turbo-Spray (see page 28 for more information). Please find the appropriate lubrication intervals in the table below.

Please note: Care must be taken to avoid any contact between lubricant and O-rings.

Size of Sling / Fitting	35mm	42mm	54mm	66.7mm	76.1mm	88.9mm	108mm
# of presses before re-lubrication required	50	50	50	50	50	25	5

Important: High-Pressure Slings (marked with "HP") **MUST NOT** be used to press COPPERFIX fittings.

Yearly servicing of press tools (or more frequently depending on use) is necessary and should be performed by an authorised servicing agent. This greatly prolongs the life of the tool as well as fulfilling the conditions for warranty extension.

Please contact KE KELIT NZ for details of servicing agents via info@kekelit.co.nz



novopress

ACO153 Mini Tool & Jaws



Suitable Systems:

COPPER FIX[®]

15 - 35mm

STEEL FIX[®]

15 - 35mm

KELOX[®]

16 - 40mm

VSH 

INTEGRATED PIPING SYSTEMS

15 - 28mm

Not suitable for STEELFIX Sprinkler applications.

Novopress ACO153

The ACO153 press tool has many valuable features to make working easier, faster and safer. The ACO153, weighing only 1.7kg, has an LED signal located under the transparent start button which gives information about the battery and the status of the pressing unit. Thanks to the newly implemented Bluetooth Technology, device-related data can be viewed using the NovoCheck app.



Supply format: case, press tool, instruction manual, 2x 1.5Ah Milwaukee M12 batteries.

Code	Description	Suitable Systems	Price
4888480113-50	Novopress Mini ACO153 Battery Press Tool	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✓	\$2,150.00

Novopress ACO153 Jaws - M Profile

M Profile press jaws to be used with the Novopress ACO153. Also fit the KemPress KPS tool.

When pressing above 35mm (or above 28mm for VSH XPress GAS), the Novopress ACO203 can be used. Please refer to page 07 for information.



Code	Description	Suitable Systems	Price
48332-50	Novopress M Profile Press Jaws for ACO153 - 15mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$196.30
48333-50	Novopress M Profile Press Jaws for ACO153 - 18mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$196.30
48334-50	Novopress M Profile Press Jaws for ACO153 - 22mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$196.30
48335-50	Novopress M Profile Press Jaws for ACO153 - 28mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$196.30
48336-50	Novopress M Profile Press Jaws for ACO153 - 35mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$239.71

Novopress ACO153 Jaws - U Profile

U Profile press jaws to be used with the Novopress ACO153. Also fit the KemPress KPS tool.

When pressing above 40mm, the Novopress ACO203 can be used. Please refer to the following page for information.



Code	Description	Suitable Systems	Price
48140-50	Novopress U Profile Press Jaws for ACO153 - 16mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$237.44
48141-50	Novopress U Profile Press Jaws for ACO153 - 20mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$237.44
48142-50	Novopress U Profile Press Jaws for ACO153 - 25mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$244.43
48143-50	Novopress U Profile Press Jaws for ACO153 - 32mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$244.43
48144-50	Novopress U Profile Press Jaws for ACO153 - 40mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$316.89
48888-50	Novopress U Profile Press Jaw Set for ACO153 - 16mm to 40mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$1,345.69



ACO203 Tool, Jaws, Adapters & Slings



Suitable Systems:

COPPER FIX[®]

15 - 54mm

STEEL FIX[®]

15 - 54mm

KELOX[®]

16 - 75mm

VSH 

INTEGRATED PIPING SYSTEMS

15 - 54mm

For STEELFIX Sprinkler applications refer to page 21

Please note: When using slings to press fittings, it is **essential** that the grooves in the press sling are lubricated with BRUNOX Turbo Spray. See page 28 for more information.

Novopress ACO203

The ACO203 offers all features needed for economic and efficient working. The innovative Brush-less Motor Technology is impressive with its high performance (up to 20 % more pressings per battery charge* and approx. 10 % faster per press cycle*) and weighs only 2.8 kg.



Supply format: case, press tool, 2x 1.5Ah battery, battery charger, instruction manual.

Code	Description	Suitable Systems	Price
4717580-50	Novopress ACO203 Battery Press Tool	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✓	\$2,824.65
5406420	Novopress Spare Battery for ACO203 - 1.5Ah	-	\$361.79
5406430	Novopress Spare Battery for ACO203 - 3.0Ah	-	\$588.30

Novopress ACO203 Jaws and Slings - M Profile

M Profile press jaws to be used with the Novopress ACO203 or Novopress ACO203XL. Also fit the KemPress KPL, KPL2 and KPXL tools.

When pressing above 54mm, the Novopress ACO203XL can be used. Please refer to page 11 for information.



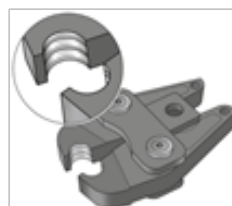
Code	Description	Suitable Systems	Price
47570-50	Novopress M Profile Press Jaws for ACO203 - 15mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$246.20
47571-50	Novopress M Profile Press Jaws for ACO203 - 18mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$246.20
47572-50	Novopress M Profile Press Jaws for ACO203 - 22mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$251.80
47573-50	Novopress M Profile Press Jaws for ACO203 - 28mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$250.79

* in comparison to its predecessor ACO202

Code	Description	Suitable Systems	Price
47574-50	Novopress M Profile Press Jaws for ACO203 - 35mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$274.70
47587-50	Novopress ZB203 Press Adapter for ACO203 - 35mm to 54mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$360.75
48585-50	Novopress M Profile (Snap-on) Press Sling - 42mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$1,016.00
44131-50	Novopress M Profile (Snap-on) Press Sling - 54mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$1,016.00
48960-50	Novopress M Profile Press Sling Set - ZB203 Adapter, 42mm Sling and 54mm Sling	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$2,539.44

KE KELIT KELOX ACO203 Jaws and Slings - U Profile

U Profile press jaws to be used with the Novopress ACO203 or Novopress ACO203XL. Also fit the KemPress KPL,KPL2 & KPXL tools.



Code	Description	Suitable Systems	Price
9921000	KE KELIT KELOX U Contour Press Jaws - 16mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$201.95
9941000	KE KELIT KELOX U Contour Press Jaws - 20mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$201.95
9951000	KE KELIT KELOX U Contour Press Jaws - 25mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$226.54
9961000	KE KELIT KELOX U Contour Press Jaws - 32mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$246.74
9971000	KE KELIT KELOX U Contour Press Jaws - 40mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$306.68

Code	Description	Suitable Systems	Price
9981000	KE KELIT KELOX U Contour Press Jaws - 50mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$344.76
9981100	KE KELIT KELOX U Contour Press Jaws - 63mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$582.38
9981250	KE KELIT KELOX U Contour Press Adapter - 75mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$554.32
9981200	KE KELIT KELOX U Contour Press Sling - 75mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$897.82



ACO203XL Tool, Jaws, Adapters & Slings



Suitable Systems:

COPPER FIX[®]

15 - 108mm

STEEL FIX[®]

15 - 108mm

KELOX[®]

16 - 75mm

VSH 

INTEGRATED PIPING SYSTEMS

15 - 54mm

For STEELFIX Sprinkler applications refer to page 23

Please note: When using slings to press fittings, **it is essential** that the grooves in the press sling are lubricated with BRUNOX Turbo Spray. See page 28 for more information.

Novopress ACO203XL

Thanks to the ACO203XL's compact design (only 3.9 kg and 46 cm length) and rotatable head, the pressing unit is very easy to handle and even suitable for working overhead. The ACO203XL is equipped with BlueTooth technology, which offers the user device-related data via the NovoCheck app.



Supply format: case, press tool, 2x 3.0Ah battery, charger, instruction manual.

Code	Description	Suitable Systems	Price
4717880-50	Novopress ACO203XL Battery Press Tool	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✓	\$3,871.02
5406430	Novopress Spare Battery for ACO203XL - 3.0Ah	-	\$588.30

Novopress ACO203XL Jaws and Slings - M Profile

M Profile press jaws and slings to be used with the Novopress ACO203XL or Novopress ACO203 (up to 54mm only). Also fit the KemPress KPL/KPL2 (up to 54mm only) and KPXL tools.



Code	Description	Suitable Systems	Price
47570-50	Novopress M Profile Press Jaws for ACO203XL - 15mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$246.20
47571-50	Novopress M Profile Press Jaws for ACO203XL - 18mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$246.20
47572-50	Novopress M Profile Press Jaws for ACO203XL - 22mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$250.79
47573-50	Novopress M Profile Press Jaws for ACO203XL - 28mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$250.79
47574-50	Novopress M Profile Press Jaws for ACO203XL - 35mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$274.70
47587-50	Novopress ZB203 Adapter for ACO203XL - 35mm - 54mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$360.75

Code	Description	Suitable Systems	Price
48585-50	Novopress M Profile (Snap-on) Press Sling - 42mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$1,016.00
44131-50	Novopress M Profile (Snap-on) Press Sling - 54mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$1,016.00
48960-50	Novopress M Profile Press Sling Set - ZB203 Adapter, 42mm Sling and 54mm Sling	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$2,539.44
47948-50	Novopress ZB221 Primary Press Adapter for ACO203XL - 66.7mm - 108mm Slings	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$1,155.09
48635-50	Novopress M Profile (Snap-on) COPPERFIX Press Sling - 66.7mm	COPPERFIX ✓ STEELFIX ✗ VSH XPress GAS ✗ KELOX ✗	\$1,669.43
48636-50	Novopress M Profile (Snap-on) Press Sling - 76.1mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$1,535.62
48637-50	Novopress M Profile (Snap-on) Press Sling - 88.9mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$1,622.66
47722-50	Novopress M Profile Press Sling Set - ZB221 Primary Press Adapter, 76.1 and 88.9mm slings	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$4,458.59
47949-50	Novopress ZB222 Secondary Press Adapter for ACO203XL 108mm Slings	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$1,151.57
37870-50	Novopress M Profile (Snap-on) COPPERFIX Press Sling - 108mm	COPPERFIX ✓ STEELFIX ✗ VSH XPress GAS ✗ KELOX ✗	\$3,207.63
48638-50	Novopress M Profile (Snap-on) STEELFIX Press Sling - 108mm	COPPERFIX ✗ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$2,632.58
48982-50	Novopress M Profile STEELFIX Press Sling Set - ZB221 Primary and ZB222 Secondary Adapters, and 108mm Sling	COPPERFIX ✗ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$4,027.50

KE KELIT KELOX ACO203XL Jaws and Slings - U Profile

U-profile press jaws to be used with the Novopress ACO203XL or Novopress ACO203. Also fit the KemPress KPL, KPL2 and KPXL tools.



Code	Description	Suitable Systems	Price
9921000	KE KELIT KELOX U Contour Press Jaws - 16mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$201.95
9941000	KE KELIT KELOX U Contour Press Jaws - 20mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$201.95
9951000	KE KELIT KELOX U Contour Press Jaws - 25mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$226.54
9961000	KE KELIT KELOX U Contour Press Jaws - 32mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$246.74
9971000	KE KELIT KELOX U Contour Press Jaws - 40mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$306.68
981000	KE KELIT KELOX U Contour Press Jaws - 50mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$344.76
9981100	KE KELIT KELOX U Contour Press Jaws - 63mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$582.38
9981250	KE KELIT KELOX U Contour Press Adapter - 75mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$554.32
9981200	KE KELIT KELOX U Contour Press Sling - 75mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$897.82



Mini Press Jaws



Suitable Systems:

COPPER FIX[®]

15 - 35mm

STEEL FIX[®]

15 - 35mm

KELOX[®]

16 - 40mm

VSH 

INTEGRATED PIPING SYSTEMS

15 - 28mm

Not suitable for STEELFIX Sprinkler applications.

REMS Mini Press Jaws - M Profile

M Profile press jaws only to be used with the REMS Mini Press.



Code	Description	Suitable Systems	Price
RM578312	REMS M Profile Press Jaws for REMS Mini - 15 mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$294.02
RM578314	REMS M Profile Press Jaws for REMS Mini - 18 mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$294.02
RM578316	REMS M Profile Press Jaws for REMS Mini - 22 mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$294.02
RM578318	REMS M Profile Press Jaws for REMS Mini - 28 mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$294.02
RM578390	REMS M Profile Press Jaws for REMS Mini - 35 mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$418.80



REMS Mini Press Jaws - U Profile

U Profile press jaws only to be used with the REMS Mini Press.

Code	Description	Suitable Systems	Price
RM578374	REMS U Profile Press Jaw for REMS Mini - 16mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$264.96
RM578378	REMS U Profile Press Jaw for REMS Mini - 20mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$264.96
RM578380	REMS U Profile Press Jaw for REMS Mini - 25mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$264.96

Code	Description	Suitable Systems	Price
RM578382	REMS U Profile Press Jaw for REMS Mini - 32mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$264.96
RM578386	REMS U Profile Press Jaw for REMS Mini - 40mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$444.44



Akku Press Jaws, Adapters & Slings



Suitable Systems:

COPPER FIX[®]

15 - 54mm

KELOX[®]

16 - 75mm

STEEL FIX[®]

15 - 54mm

VSH 

INTEGRATED PIPING SYSTEMS

15 - 54mm

Not suitable for STEELFIX Sprinkler applications.

Please note: When using slings to press fittings, it is **essential** that the grooves in the press sling are lubricated with BRUNOX Turbo Spray. See page 28 for more information.

REMS Akku Press Jaws and Slings - M Profile

M Profile press jaws only to be used with the REMS Akku Press.

When pressing above 54mm, the Novopress ACO203XL can be used. Please refer to page 11 for information.



Code	Description	Suitable Systems	Price
RM570110	REMS M Profile Press Jaws for REMS Akku - 15mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$299.15
RM570120	REMS M Profile Press Jaws for REMS Akku - 18mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$299.15
RM570130	REMS M Profile Press Jaws for REMS Akku - 22mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$299.15
RM570140	REMS M Profile Press Jaws for REMS Akku - 28mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$299.15
RM570150	REMS M Profile Press Jaws for REMS Akku - 35mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$299.15
RM572795	REMS Press Adapter for Akku Slings - 42mm to 54 mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$324.79
RM572706	REMS M Profile Press Sling for Akku - 42 mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$1,076.92
RM572708	REMS M Profile Press Sling for Akku - 54 mm	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$1,076.92

REMS Akku Press Jaws and Slings - U Profile

U Profile press jaws only to be used with the REMS Akku Press.



Code	Description	Suitable Systems	Price
RM570765	REMS U Profile Press Jaw for REMS Akku - 16mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$316.24
RM570775	REMS U Profile Press Jaw for REMS Akku - 20mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$316.24
RM570780	REMS U Profile Press Jaw for REMS Akku - 25mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$316.24
RM570785	REMS U Profile Press Jaw for REMS Akku - 32mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$358.97
RM570790	REMS U Profile Press Jaw for REMS Akku - 40mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$418.80
RM570795	REMS U Profile Press Jaw for REMS Akku - 50mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$538.46
RM572365	REMS U Profile Press Jaw for REMS Akku - 63mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$1,128.21
RM572801	REMS U Profile Press Adapter for REMS Akku - 75mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$547.01
RM572828	REMS U Profile Press Sling for REMS Akku - 75mm	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$1128.21



ACO203 Tool, Jaws, Adapters & High Pressure Slings



Suitable Systems:

STEELFIX®

Sprinkler

28 - 54mm

For applications other than STEELFIX Sprinkler, please refer to page 07

Please note: When using slings to press fittings, **it is essential** that the grooves in the press sling are lubricated with BRUNOX Turbo Spray. See page 28 for more information.

Novopress ACO203

The ACO203 offers all features needed for economic and efficient working. The innovative Brush-less Motor Technology is impressive with its high performance (up to 20 % more pressings per battery charge* and approx. 10 % faster per press cycle*) and weighs only 2.8 kg.



Supply format: case, press tool, 2x 1.5Ah batteries, battery charger, instruction manual.

Code	Description	Suitable System	Price
4717580-50	Novopress ACO203 Battery Press Tool	STEELFIX Sprinkler	\$2,824.65
5406420	Novopress Spare Battery for ACO203 - 1.5Ah	-	\$361.79
5406430	Novopress Spare Battery for ACO203 - 3.0Ah	-	\$588.30

Novopress ACO203 Jaws & High Pressure Slings

M Profile press jaws to be used with the Novopress ACO203 or Novopress ACO203XL. Also fit the KemPress KPL, KPL2 and KPXL tools.



When pressing STEELFIX Sprinkler systems above 54mm, the Novopress ACO403 can be used. Please refer to page 25 for information.

Code	Description	Suitable System	Price
47573-50	Novopress M Profile Press Jaws for ACO203 - 28mm	STEELFIX Sprinkler	\$250.79
47587-50	Novopress Press Adapter for ACO203 - 35mm - 54mm	STEELFIX Sprinkler	\$360.75
* 44359-50	Novopress M Profile High Pressure Press Sling - 35mm	STEELFIX Sprinkler	\$1,577.09
* 44224-50	Novopress M Profile High Pressure Press Sling - 42mm	STEELFIX Sprinkler	\$1,697.99
* 49064-50	Novopress M Profile High Pressure Press Sling - 54mm	STEELFIX Sprinkler	\$1,760.43

* **Important:** High-Pressure Slings **MUST NOT** be used to press COPPERFIX Fittings.



ACO203XL Tool, Jaws, Adapters & High Pressure Slings



Suitable Systems:

STEEL FIX[®]
Sprinkler
28 - 54mm

For applications other than STEELFIX Sprinkler, please refer to page 11

Please note: When using slings to press fittings, it is **essential** that the grooves in the press sling are lubricated with BRUNOX Turbo Spray. See page 28 for more information.

Novopress ACO203XL

Thanks to the ACO203XL's compact design (only 3.9 kg and 46 cm length) and rotatable head, the pressing unit is very easy to handle and even suitable for working overhead. The ACO203XL is equipped with Bluetooth technology, which offers the user device-related data via the NovoCheck app.



Supply format: case, press tool, 2x 3.0 Ah batteries, charger, instruction manual.

Code	Description	Suitable Systems	Price
4717880-50	Novopress ACO203XL Battery Press Tool (28 - 54mm)	STEELFIX Sprinkler	\$3,871.02
5406430	Novopress Spare Battery for ACO203XL - 3.0Ah	-	\$588.30

Novopress ACO203XL Jaws & High Pressure Slings

M Profile press jaws to be used with the Novopress ACO203XL or Novopress ACO203. Also fit the KemPress KPL, KPL2 and KPXL tools.



When pressing STEELFIX Sprinkler systems above 54mm, the Novopress ACO403 can be used. Please refer to the following page for information.

Code	Description	Suitable System	Price
47573-50	Novopress M Profile Press Jaws for ACO203XL - 28mm	STEELFIX Sprinkler	\$250.79
47587-50	Novopress Press Adapter for ACO203XL - 35mm - 54mm	STEELFIX Sprinkler	\$360.75
* 44359-50	Novopress M Profile High Pressure Press Sling - 35mm	STEELFIX Sprinkler	\$1,577.09
* 44224-50	Novopress M Profile High Pressure Press Sling - 42mm	STEELFIX Sprinkler	\$1,697.99
* 49064-50	Novopress M Profile High Pressure Press Sling - 54mm	STEELFIX Sprinkler	\$1,760.43

* **Important:** High-Pressure Slings **MUST NOT** be used to press COPPERFIX Fittings.



ACO403 Tool & Slings



Suitable Systems:

STEEL FIX®

Sprinkler

76.1 - 108mm

Please note: When using slings to press fittings, **it is essential** that the grooves in the press sling are lubricated with BRUNOX Turbo Spray. See page 28 for more information.

Novopress ACO403

With a pressing force of 120 kN and a working stroke of 60 mm, sprinkler systems with dimensions from 76.1 to 108mm do not pose any problem for the ACO403.

Due to the powerful, rechargeable lithium-ion batteries, 20 - 30 press cycles can be carried out without recharging the battery.

Supply format: case, press tool, 2x 5.0Ah batteries, battery charger, spare battery and instruction manual.



Code	Description	Suitable System	Price
4852380-50	Novopress ACO403 Battery Press Tool (76.1 - 108mm)	STEELFIX Sprinkler	\$6,590.98

Novopress ACO403 Slings - M Profile

High pressure M Profile press slings only to be used with the Novopress ACO403.



	Code	Description	Suitable System	Price
*	43276-50	Novopress High Pressure Press Sling - 76.1mm	STEELFIX Sprinkler	\$2,130.47
*	43277-50	Novopress High Pressure Press Sling - 88.9mm	STEELFIX Sprinkler	\$2,183.12
*	43278-50	Novopress High Pressure Press Sling - 108mm	STEELFIX Sprinkler	\$2,686.92

* **Important:** High-Pressure Slings **MUST NOT** be used to press COPPERFIX Fittings.

Tool Accessories

BRUNOX Turbo Spray Tool Lubricant

BRUNOX Turbo Spray is a long term lubricant, creep oil, anti-corrosion protector, cleaning agent, and contact spray for REMS and Novopress Tools. Must not come into contact with O-Rings.



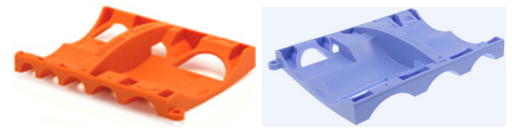
BRUNOX Lubricant is MANDATORY when pressing with slings.

Code	Description	Suitable Sizes	Price
BR050TSP	BRUNOX Turbo Spray Lubricant 500mL	35 - 108mm	\$20.38

Insertion Depth Gauges

For marking the insertion depth of the pipe into the fitting in order to guarantee a safe and proper connection.

For marking insertion depths for all sizes of KE KELIT COPPERFIX, STEELFIX and VSH XPress GAS systems



Provides visual confirmation that nothing has slid out of place before the fitting is pressed onto the pipe.

Code	Description	Suitable Sizes	Price
5401950	COPPERFIX & VSH XPress GAS Insertion Depth Gauge	15 - 108mm	\$2.84
5401900	STEELFIX Insertion Depth Gauge	15 - 108mm	\$3.02

REMS Wheel Pipe Cutter

REMS wheel type pipe cutters for cutting copper, thin-walled stainless steel, and thin-walled steel pipes.

Suitable for cutting all KE KELIT COPPERFIX and STEELFIX pipes.



Three different sizes and spare cutting blades are available.

Code	Description	Suitable Sizes	Price
RM113350	REMS RAS Cu-INOX Wheel Pipe Cutter - 3 to 35mm	3 - 35mm	\$89.68
RM113400	REMS RAS Cu-INOX Wheel Pipe Cutter - 6 to 64mm	6 - 64mm	\$324.79
RM113500	REMS RAS Cu-INOX Wheel Pipe Cutter - 64 to 120mm	64 - 120mm	\$491.03
RM113210	REMS Cutting Wheel for RAS Cu-INOX Cutter - 3 to 120mm	3 - 120mm	\$20.70

REMS Pipe Deburrer

REMS hand or drill operated deburrers for removing the outer and inner burr from copper, stainless steel, and other steel pipes.

Suitable for use with all KE KELIT COPPERFIX and STEELFIX pipes.



Code	Description	Suitable Sizes	Price
RM113360	REMS REG Universal Deburring Blade, Ground (No Handle)	15 - 108mm	\$15.00
RM113910	REMS REG Universal Deburrer (Blade + Handle)	15 - 108mm	\$48.00
RM113825	REMS Hand Pipe Deburrer - 15mm to 35mm	15 - 35mm	\$98.07
RM113830	REMS Hand Pipe Deburrer - 15mm to 54mm	15 - 54mm	\$115.32
RM113835	REMS Pipe Deburrer with Drill Attachment - 15mm to 54mm	15 - 54mm	\$189.68

REMS CENTO Pipe Cutting Machine

Light, portable compact machine. Universal for cutting and deburring pipes and tubes.

Suitable for use with all KE KELIT COPPERFIX, STEELFIX and KELOX Multilayer Pipes.



*** RM845050 or RM845053 also required.**

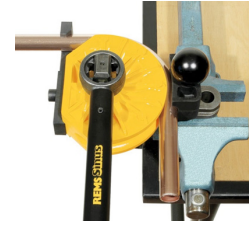
Code	Description	Suitable Sizes	Price
RM845001	REMS CENTO Pipe Cutting Machine	15 - 108mm	\$2,638.46
RM845050	REMS CENTO Cutting Wheel for STEELFIX	15 - 108mm	\$191.28
RM845053	REMS CENTO Cutting Wheel for COPPERFIX	15 - 108mm	\$191.28
RM845051	REMS CENTO Cutting Wheel for KELOX	16 - 75mm	\$191.28
RM113840	REMS STEELFIX/COPPERFIX Pipe Deburrer for REMS Cento *	28 - 108mm	\$578.46
RM849315	REMS Stand to Suit CENTO	-	\$382.05

REMS Sinus Hand Bending Tool

A hand-held tool for bending 15-22mm sizes of COPPERFIX pipe and 15-18mm sizes of STEELFIX pipe.

Supplied with bending formers, back formers and REMS bending spray.

Bends up to 180° possible.



Code	Description	Suitable Sizes	Price
RM154001	REMS Sinus Hand Held Pipe Bending Tool 15 to 22mm	15 - 22mm	\$1,427.35

REMS Battery & Electric Bending Tools & Formers

Universal, compact battery (Akku Curvo) and electric (Curvo 50) tools for cold bending of pipes and tubes up to 180°. Can be used anywhere, without a vice. Suitable for use with all KE KELIT COPPERFIX and STEELFIX Stainless Steel Pipes.

REMS Akku Curvo is supplied complete with formers for 15 - 28mm.

REMS Curvo 50 is supplied with the required adapter block for 35 and 42mm formers only (formers and 15 - 28mm adapter block are additional).



Code	Description	Suitable Sizes	Price
RM580077	REMS Akku Curvo Bending Tool with 15 to 28mm Formers	15 - 28mm	\$4,769.23
RM565225	REMS Akku Curvo Bending Tool Li-ion Spare Battery	-	\$552.44
RM580110	REMS Curvo 50 Bending Tool (Electric)	15 - 42mm	\$6,151.28
RM582120	REMS Curvo 50 Adapter Block for 15 - 28mm Formers	15 - 28mm	\$526.50
RM581430	REMS Bending & Back Former 15mm - For Sinus, Akku-Curvo & Curvo 50	15mm	\$330.77
RM581450	REMS Bending & Back Former 18mm - For Sinus, Akku-Curvo & Curvo 50	18mm	\$330.77
RM581460	REMS Bending & Back Former 22mm - For Sinus, Akku-Curvo & Curvo 50	22mm	\$407.69
RM581310	REMS Bending & Back Former 28mm - For Akku-Curvo & Curvo 50	28mm	\$835.90
RM581500	REMS Bending & Back Former 35mm - For Curvo 50	35mm	\$935.90
RM581510	REMS Bending & Back Former 42mm - For Curvo 50	42mm	\$1,120.51

KELOX Pipe Cutter

Hand operated tool for the cutting of KELOX Multilayer pipes in the 16mm to 40mm size range. Ratchet design with handle operated release.



Replacement parts are also available.

Code	Description	Suitable Sizes	Price
2690000	KE KELIT Pipe Cutter for KELOX	16 - 40mm	\$84.12
2690070	KE KELIT Pipe Cutter for KELOX - Replacement Blade	16 - 40mm	\$41.70
2690060	KE KELIT Pipe Cutter for KELOX - Repair Kit	-	\$11.52

KELOX Wheel Pipe Cutter

Wheel cutter with pipe rollers for simple cutting of all sizes of KELOX Multilayer pipes (16-75mm).



Replacement cutting wheels also available.

Code	Description	Suitable Sizes	Price
7600060	KE KELIT Wheel Pipe Cutter for KELOX	16 - 75mm	\$110.53
7600070	KE KELIT Wheel Pipe Cutter for KELOX - Cutting Wheel	16 - 75mm	\$71.32

KELOX Pipe Holder

For holding short lengths of KELOX Multilayer pipes of 16 - 32mm during calibration.



Code	Description	Suitable Sizes	Price
7601600	KE KELIT KELOX Pipe Holder	16 - 32mm	\$103.15

KELOX Chamfering Tool

KELOX hand or slow-drill operated chamfers for deburring and applying the inner bevel to KELOX Multilayer pipes.

Chamfers 16 - 32mm require an additional universal click handle for chamfering by hand. 40mm and above come complete with a detachable handle.

KELOX Chamfer Tool Calibration Set 5 consists of chamfers 16 - 32mm, a universal click handle, bending springs 16 - 25mm and a pipe cutter, packaged in a case.

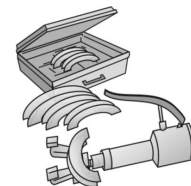
KE KELIT recommend using a slow drill if not chamfering by hand.



Code	Description	Suitable Sizes	Price
7608100	KELOX 3-in-1 Multi Chamfer Tool - 16mm, 20mm and 25mm	16 - 25mm	\$125.46
7609090	KELOX Universal Click Handle for Chamfer Tools - 16 - 32mm	16 - 32mm	\$25.97
7609160	KELOX Chamfer Tool - 16mm	16mm	\$42.72
7609200	KELOX Chamfer Tool - 20mm	20mm	\$43.29
7609250	KELOX Chamfer Tool - 25mm	25mm	\$45.53
7609320	KELOX Chamfer Tool - 32mm	32mm	\$52.05
7602400	KELOX Chamfer Tool with Handle - 40mm	40mm	\$69.01
9984000	KELOX Chamfer Tool with Handle - 50mm	50mm	\$75.56
7993010	KELOX Chamfer Tool with Handle - 63mm	63mm	\$96.80
7994010	KELOX Chamfer Tool with Handle - 75mm	75mm	\$124.98
7609135	KELOX Chamfer Tool Calibration Set 5	16 - 25mm	\$440.13

KELOX Bending Tool

For creating precise and even bends in KELOX Multilayer pipes up to 40mm



Code	Description	Suitable Sizes	Price
7605000	KE KELIT KELOX Bending Tool 16mm - 40mm	16 - 40mm	\$1,578.89

KELOX Bending Spring

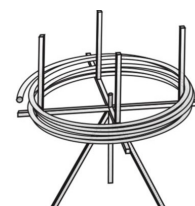
For bending KELOX Multilayer pipes to a narrow radius without creasing/reducing internal diameter.



Code	Description	Suitable Sizes	Price
7600160	KE KELIT KELOX Bending Spring - 16mm	16mm	\$17.47
7600200	KE KELIT KELOX Bending Spring - 20mm	20mm	\$21.42
7600250	KE KELIT KELOX Bending Spring - 25mm	25mm	\$34.91

KELOX Pipe Winder

For torsion-free unrolling of KELOX Multilayer pipes. Suitable for coils up to 500m of KELOX Multilayer pipe in 16 - 20mm sizes.



Code	Description	Suitable Sizes	Price
1007930	KE KELIT KELOX Pipe Winder	16 - 20mm	\$711.40

KELOX Pull Through Spring

For pulling KELOX Multilayer pipes through to the wall block set.



Code	Description	Suitable Sizes	Price
9006030	KE KELIT KELOX Pull Through Spring 16 - 20mm	16 - 20mm	\$76.82

KELOX Stapler for KM611 Staples

For stapling down KELOX FB pipes onto the underfloor heating staple plate.



Code	Description	Suitable Sizes	Price
1007950	KE KELIT KELOX FB Stapler for KM611 Staples	16 - 20mm	\$612.92

Winkler Clip Fixing Tool

For rapid fixing of Winkler claw clips to the underfloor heating mesh. No need to bend over.



Code	Description	Suitable Sizes	Price
KRS1420-3-6	Winkler Clip Fixing Tool	16 - 20mm	\$224.40

Hire Tools

Novopress ACO153 - Hire Tool Kit

The Novopress ACO153 hire tool kit is available for COPPERFIX, STEELFIX (excluding Sprinkler), VSH XPress GAS and KELOX. The hire kit will be supplied in a Novopress tool box.

- Hire Kit - T1 - Novopress ACO153 Press Tool, charger and spare battery



Code	Description	Suitable Systems	Price P/W
HTKNMT1	Novopress ACO153 Hire Tool Kit - T1 (Tool Only)	COPPERFIX (15 - 35mm) STEELFIX (15 - 35mm) VSH XPress GAS (15 - 28mm) KELOX (16 - 40mm)	\$35

Novopress ACO153 - Hire Tool Kit - M Profile Jaws

Two Novopress ACO153 M Profile jaw hire kits are available for COPPERFIX, STEELFIX (excluding Sprinkler) & VSH XPress GAS (15 - 28mm only). Each hire kit will be supplied in a Novopress tool box. These jaws also fit the KemPress KPS tool.

- Hire Kit - M1 - Novopress ACO153 M Profile jaws 15 - 28mm
- Hire Kit - M2 - Novopress ACO153 35mm M Profile jaw (not suitable for VSH XPress GAS)



Code	Description	Suitable Systems	Price P/W
HTKNMM1	Novopress ACO153 Hire Tool Kit - M1 (15 - 28mm Jaws)	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$20
HTKNMM2	Novopress ACO153 Hire Tool Kit - M2 (35mm Jaw)	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$10

Novopress ACO153 - Hire Tool Kit - U Profile Jaws

Two Novopress ACO153 U Profile jaw hire kits are available for KELOX. Each hire kit will be supplied in a Novopress tool box. These jaws also fit the KemPress KPS tool.

- Hire Kit - U1 - Novopress ACO153 U Profile jaws 16 and 20mm
- Hire Kit - U2 - Novopress ACO153 U Profile jaws 25 - 40mm



Code	Description	Suitable Systems	Price P/W
HTKNMU1	Novopress ACO153 Hire Tool Kit - U1 (16 & 20mm Jaws)	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$10
HTKNMU2	Novopress ACO153 Hire Tool Kit - U2 (25 - 40mm Jaws)	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$20

Novopress ACO203 - Hire Tool Kit

The Novopress ACO203 hire tool kit is available for COPPERFIX, STEELFIX (excluding Sprinkler), VSH XPress GAS and KELOX. The hire kit will be supplied in a Novopress tool box.

- Hire Kit - T1 - Novopress ACO203 Press Tool, charger and spare battery



Code	Description	Suitable Systems	Price P/W
HTKNAT1	Novopress ACO203 Hire Tool Kit - T1 (Tool Only)	COPPERFIX (15 - 54mm) STEELFIX (15 - 54mm) VSH XPress GAS (15 - 54mm) KELOX (16 - 75mm)	\$50

Novopress ACO203 - Hire Tool Kit - M Profile Jaws & Slings

Two Novopress ACO203 M Profile jaw hire kits are available for COPPERFIX, STEELFIX (excluding Sprinkler) and VSH XPress GAS. Each hire kit will be supplied in a Novopress tool box. These jaws also fit the KemPress KPL, KPL2 and KPXL tools.

- Hire Kit - M1 - Novopress ACO203 M Profile jaws 15mm - 35mm
- Hire Kit - M2 - Novopress ZB203 adapter for 42 - 54mm slings and 42 - 54mm M Profile press slings



Code	Description	Suitable Systems	Price P/W
HTKNAM1	Novopress ACO203 Hire Tool Kit - M1 (15 - 35mm Jaws)	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$30
HTKNAM2	Novopress ACO203 Hire Tool Kit - M2 (42 - 54mm Adapter with 42 & 54mm Slings)	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$40

Novopress ACO203 - Hire Tool Kit - U Profile Jaws & Sling

Four Novopress ACO203 U Profile jaw hire kits are available for KELOX. Each hire kit will be supplied in a Novopress tool box. These jaws also fit the KemPress KPL, KPL2 and KPXL tools.

- Hire Kit - U1 - Novopress ACO203 U Profile jaws 16 and 20mm
- Hire Kit - U2 - Novopress ACO203 U Profile jaws 25 - 50mm
- Hire Kit - U3 - Novopress ACO203 U Profile jaw 63mm
- Hire Kit - U4 - Novopress ACO203 75mm adapter and U Profile 75mm sling



Code	Description	Suitable Systems	Price P/W
HTKNAU1	Novopress ACO203 Hire Tool Kit - U1 (16 & 20mm Jaws)	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$10

Code	Description	Suitable Systems	Price P/W
HTKNAU2	Novopress ACO203 Hire Tool Kit - U2 (25 - 30mm Jaws)	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$30
HTKNAU3	Novopress ACO203 Hire Tool Kit - U3 (63mm Jaw)	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$20
HTKNAU4	Novopress ACO203 Hire Tool Kit - U4 (75mm Adapter & Sling)	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$30

Novopress ACO203XL - Hire Tool Kit

The Novopress ACO203XL hire tool kit is available for COPPERFIX, STEELFIX (excluding Sprinkler), VSH XPress GAS (up to 54mm) and KELOX. The hire kit will be supplied in a Novopress tool box.

- Hire Kit - T1 - Novopress ACO203XL Press Tool, charger and spare battery



Code	Description	Suitable Systems	Price P/W
HTKNAXT1	Novopress ACO203XL Hire Tool Kit - T1 (Tool Only)	COPPERFIX (15 - 54mm) STEELFIX (15 - 54mm) VSH XPress GAS (15 - 54mm) KELOX (16 - 75mm)	\$60

Novopress ACO203XL - Hire Tool Kit - M Profile Jaws & Slings

Eight Novopress ACO203XL M Profile jaw hire kits are available for COPPERFIX, STEELFIX (excluding Sprinkler) and VSH XPress GAS (up to 54mm). Each hire kit will be supplied in a Novopress tool box. These jaws and slings also fit the KemPress KPL/KPL2 (up to 54mm only) and KPXL tools.

- Hire Kit - M1 - Novopress ACO203XL M Profile jaws 15mm - 35mm
- Hire Kit - M2 - Novopress ZB203 adapter for 42 - 54mm slings and 42 - 54mm M Profile press slings
- Hire Kit - M3 - Novopress ZB221 ACO203XL primary press adapter for 66.7 - 108mm slings
- Hire Kit - M4 - Novopress ACO203XL M Profile 66.7mm sling (COPPERFIX only)
- Hire Kit - M5 - Novopress ACO203XL M Profile 76.1mm sling
- Hire Kit - M6 - Novopress ACO203XL M Profile 88.9mm sling
- Hire Kit - M7 - Novopress ACO203XL ZB222 secondary press adapter for 108mm slings and 108mm M Profile sling (STEELFIX only, excluding Sprinkler)
- Hire Kit - M8 - Novopress ACO203XL ZB222 secondary press adapter for 108mm slings and 108mm M Profile sling (COPPERFIX only)



Code	Description	Suitable Systems	Price P/W
HTKNAM1	Novopress ACO203XL Hire Tool Kit - M1 (15 - 35mm Jaws)	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$30
HTKNAM2	Novopress ACO203XL Hire Tool Kit - M2 (42 - 54mm Adapter with 42 & 54mm Slings)	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$40
HTKNAXM3	Novopress ACO203XL Hire Tool Kit - M3 (66.7 - 108mm Adapter)	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$20
HTKNAXM4	Novopress ACO203XL Hire Tool Kit - M4 (66.7mm Sling)	COPPERFIX ✓ STEELFIX ✗ VSH XPress GAS ✗ KELOX ✗	\$30

Code	Description	Suitable Systems	Price P/W
HTKNAXM5	Novopress ACO203XL Hire Tool Kit - M5 (76.1mm Sling)	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$30
HTKNAXM6	Novopress ACO203XL Hire Tool Kit - M6 (88.9mm Sling)	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$30
HTKNAXM7	Novopress ACO203XL Hire Tool Kit - M7 (108mm Secondary Press Adapter with 108mm Sling)	COPPERFIX ✗ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$50
HTKNAXM8	Novopress ACO203XL Hire Tool Kit - M8 (108mm Secondary Press Adapter with 108mm Sling)	COPPERFIX ✓ STEELFIX ✗ VSH XPress GAS ✗ KELOX ✗	\$50

Novopress ACO203XL - Hire Tool Kit - U Profile Jaws & Sling

Four Novopress ACO203XL U Profile jaw hire kits are available for KELOX. Each hire kit will be supplied in a Novopress tool box. These jaws and slings also fit the KemPress KPL, KPL2 & KPXL tools.

- Hire Kit - U1 - Novopress ACO203XL U Profile jaws 16 and 20mm
- Hire Kit - U2 - Novopress ACO203XL U Profile jaws 25 - 50mm
- Hire Kit - U3 - Novopress ACO203XL U Profile jaw 63mm
- Hire Kit - U4 - Novopress ACO203XL 75mm adapter and U Profile 75mm sling



Code	Description	Suitable Systems	Price P/W
HTKNAU1	Novopress ACO203XL Hire Tool Kit - U1 (16 & 20mm Jaws)	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$10
HTKNAU2	Novopress ACO203XL Hire Tool Kit - U2 (25 - 50mm Jaws)	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$30
HTKNAU3	Novopress ACO203XL Hire Tool Kit - U3 (63mm Jaw)	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$20
HTKNAU4	Novopress ACO203XL Hire Tool Kit - U4 (75mm Adapter & Sling)	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$30

Novopress ECO301 - Hire Tool Kit

The Novopress ECO301 hire tool kit is available for COPPERFIX, STEELFIX (excluding Sprinkler) and VSH XPress GAS (up to 54mm). The hire kit will be supplied in a Novopress tool box.

- Hire Kit - T1 - Novopress ECO301 Press Tool



Code	Description	Suitable Systems	Price P/W
HTKNET1	Novopress ECO301 Hire Tool Kit - T1 (Tool Only)	COPPERFIX (42 - 108mm) STEELFIX (42 - 108mm) VSH XPress GAS (42 - 54mm)	\$60

Novopress ECO301 - Hire Tool Kit - M Profile Jaws & Slings

Seven Novopress ECO301 M Profile jaw hire kits are available for COPPERFIX, STEELFIX (excluding Sprinkler) and VSH XPress GAS (up to 54mm). Each hire kit will be supplied in a Novopress tool box.

- Hire Kit - M1 - Novopress ZB303 adapter for 42 - 54mm slings and 42 - 54mm press slings
- Hire Kit - M2 - Novopress ECO301 ZB323 primary press adapter for 66.7 - 108mm slings
- Hire Kit - M3 - Novopress ECO301 66.7mm sling (COPPERFIX only)
- Hire Kit - M4 - Novopress ECO301 76.1mm sling
- Hire Kit - M5 - Novopress ECO301 88.9mm sling
- Hire Kit - M6 - Novopress ECO301 ZB324 secondary press adapter for 108mm slings and 108mm sling (STEELFIX only, excluding Sprinkler)
- Hire Kit - M7 - Novopress ECO301 ZB324 secondary press adapter for 108mm slings and 108mm sling (COPPERFIX only)



Code	Description	Suitable Systems	Price P/W
HTKNEM1	Novopress ECO301 Hire Tool Kit - M1 (42 - 54mm Adapter with 42 & 54mm Slings)	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$40
HTKNEM2	Novopress ECO301 Hire Tool Kit - M2 (66.7 - 108mm Adapter)	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$20
HTKNAXM4	Novopress ECO301 Hire Tool Kit - M3 (66.7mm Sling)	COPPERFIX ✓ STEELFIX ✗ VSH XPress GAS ✗ KELOX ✗	\$30
HTKNAXM5	Novopress ECO301 Hire Tool Kit - M4 (76.1mm Sling)	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$30
HTKNAXM6	Novopress ECO301 Hire Tool Kit - M5 (88.9mm Sling)	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$30

Code	Description	Suitable Systems	Price P/W
HTKNEM6	Novopress ECO301 Hire Tool Kit - M6 (108mm Secondary Press Adapter with 108mm Sling)	COPPERFIX ✗ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$50
HTKNEM7	Novopress ECO301 Hire Tool Kit - M7 (108mm Secondary Press Adapter with 108mm Sling)	COPPERFIX ✓ STEELFIX ✗ VSH XPress GAS ✗ KELOX ✗	\$50

REMS Mini Press - Hire Tool Kit

The REMS Mini Press hire tool is available for COPPERFIX, STEELFIX (excluding Sprinkler), VSH XPress GAS and KELOX systems. The hire tool kit will be supplied in a REMS tool box.

- Hire Kit - T1 - REMS Mini Press tool, charger and spare battery



Code	Description	Suitable Systems	Price P/W
HTKRMT1	REMS Mini Press Hire Tool Kit - T1 (Tool Only)	COPPERFIX (15 - 35mm) STEELFIX (15 - 35mm) VSH XPress GAS (15 - 28mm) KELOX (16 - 40mm)	\$40

REMS Mini Press - Hire Tool Kit - M Profile Jaws

Two REMS Mini Press M Profile jaw hire kits are available for COPPERFIX, STEELFIX (excluding Sprinkler) and VSH XPress GAS (15 - 28mm only). Each hire kit will be supplied in a REMS tool box.

- Hire Kit - M1 - REMS Mini Press M Profile jaws 15 - 28mm
- Hire Kit - M2 - REMS Mini Press M Profile 35mm jaw (not suitable for VSH XPress GAS)



Code	Description	Suitable Systems	Price P/W
HTKRMM1	REMS Mini Press Hire Tool Kit - M1 (15 - 28mm Jaws)	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✓ KELOX ✗	\$20
HTKRMM2	REMS Mini Press Hire Tool Kit - M2 (35mm Jaw)	COPPERFIX ✓ STEELFIX ✓ VSH XPress GAS ✗ KELOX ✗	\$10

REMS Mini Press - Hire Tool Kit - U Profile Jaws

Two REMS Mini Press U Profile jaw hire kits are available for KELOX. Each hire kit will be supplied in a REMS tool box.

- Hire Kit - U1 - REMS Mini Press U Profile jaws 16 and 20mm
- Hire Kit - U2 - REMS Mini Press U Profile jaws 25 - 40mm



Code	Description	Suitable Systems	Price P/W
HTKRMU1	REMS Mini Press Hire Tool Kit - U1 (16 & 20mm Jaws)	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$10
HTKRMU2	REMS Mini Press Hire Tool Kit - U2 (25 - 40mm Jaws)	KELOX ✓ COPPERFIX ✗ STEELFIX ✗ VSH XPress GAS ✗	\$20

Novopress ECO301 - Sprinkler Hire Tool Kit

The Novopress ECO301 hire tool kit is available for STEELFIX Sprinkler. The hire kit will be supplied in a Novopress tool box.

- Hire Kit - Novopress ECO301 Press tool, Novopress ECO301 28mm jaw, Novopress ZB303 high pressure press adapter for 35 - 54mm slings and 35 - 54mm high pressure slings *



Code	Description	Suitable Systems	Price P/W
HTKNES1	Novopress ECO301 Sprinkler Hire Tool Kit (Tool & 28 - 54mm Heads)	STEELFIX Sprinkler (28 - 54mm)	\$120

Novopress ACO401 - Sprinkler Hire Tool Kit

The Novopress ACO401 hire tool kit is available for STEELFIX Sprinkler. The hire kit will be supplied in a Novopress tool box.

- Hire Kit - T1 - Novopress ACO401 Press tool, charger, battery and spare battery



Code	Description	Suitable Systems	Price P/W
HTKNMONT1	Novopress ACO401 Sprinkler Hire Tool Kit - T1 (Tool Only)	STEELFIX Sprinkler (76.1 - 108mm)	\$110

Novopress ACO401 - Sprinkler Hire Tool Kit - M Profile Slings

Three Novopress ACO401 M Profile jaw hire kits are available for STEELFIX Sprinkler. Each hire kit will be supplied in a Novopress tool box.

- Hire Kit - M1 - Novopress ACO401 76.1mm high pressure sling *
- Hire Kit - M2 - Novopress ACO401 88.9mm high pressure sling *
- Hire Kit - M3 - Novopress ACO401 108mm high pressure sling *

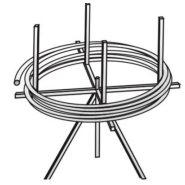


Code	Description	Suitable Systems	Price P/W
HTKNMONM1	Novopress ACO401 Sprinkler Hire Tool Kit - M1 (76.1mm Sling)	STEELFIX Sprinkler	\$40
HTKNMONM2	Novopress ACO401 Sprinkler Hire Tool Kit - M2 (88.8mm Sling)	STEELFIX Sprinkler	\$40
HTKNMONM3	Novopress ACO401 Sprinkler Hire Tool Kit - M3 (108mm Sling)	STEELFIX Sprinkler	\$50

* **Important:** High-Pressure Slings **MUST NOT** be used to press COPPERFIX Fittings.

KELOX Pipe Winder - Hire Tool

For torsion-free unrolling of KELOX Multilayer pipes. Suitable for coils up to 500m of KELOX Multilayer pipe 16 - 20mm.



Code	Description	Size	Price P/W
HTKPW	KE KELIT KELOX Pipe Winder Hire Tool	500 Metres 16 - 20mm	\$20

REMS Sinus Hand Bending Tool - Hire Tool Kit

A hand-held tool for bending 15 - 22mm sizes of COPPERFIX pipe and 15 - 18mm sizes of STEELFIX pipe. Bends up to 180° possible. Supplied with bending formers, back formers and REMS bending spray.



Code	Description	Size	Price P/W
HTKRS	REMS Sinus Hand Held Pipe Bender - Hire Tool Kit	15 - 22mm	\$30

REMS Curvo 50 Electric Pipe Bender - Hire Tool Kit

Kit includes Curvo 50 tool, all formers and adapter blocks for bending sizes 15 - 42mm.



Code	Description	Size	Price P/W
HTKRC50	REMS Curvo 50 Electric Pipe Bender - Hire Tool Kit	15 - 42mm	\$120

Winkler Clip Fixing Tool - Hire Tool

For rapid fixing of Winkler claw clips to the underfloor heating mesh. No need to bend over.



Code	Description	Size	Price P/W
HTWCFT	Winkler Clip Fixing - Hire Tool	16 - 20mm	\$10

KELOX Stapler (For KM611 Staples) - Hire Tool

For stapling down KELOX FB pipes onto the underfloor heating staple plate.



Code	Description	Size	Price P/W
HTKS611	KELOX FB Stapler for KM611 - Hire Tool	16 - 20mm	\$20

WZ390 Radius Kelit Press Set - Hire Tool Kit

For joining Radius Kelit underground piping systems



Code	Description	Size	Price P/W
HTKRKS	WZ390 Radius Kelit Press - Hire Tool Kit	25 - 110mm	\$150

Hire Tool Order Forms

KE KELIT New Zealand Hire Tool Order Form

Please use the tick boxes to select hire tools and complete the hire details section on page 50. You must also have completed, signed and returned the KE KELIT New Zealand Hire Tool Agreement on page 51 (this only needs to be completed once).

Novopress ACO153

COPPERFIX 15 - 35mm (M Profile)

STEELFIX 15 - 35mm (M Profile)

VSH XPress GAS 15 - 28mm (M Profile)

KELOX 16 - 40mm (U Profile)

Code	Description	Hire Charge (Per Week)	Late Penalty (Per Day)	
HTKNMT1	Novopress ACO153 Tool, Charger and Spare Battery	\$35	\$20	☐
HTKNMM1	Novopress ACO153 M Profile Jaws 15 - 28mm	\$20	\$10	☐
HTKNMM2	Novopress ACO153 M Profile 35mm Jaw	\$10	\$5	☐
HTKNMU1	Novopress ACO153 U Profile Jaws 16 and 20mm	\$10	\$5	☐
HTKNMU2	Novopress ACO153 U Profile Jaws 25 - 40mm	\$20	\$10	☐

Novopress ACO203

COPPERFIX 15 - 54mm (M Profile)

STEELFIX 15 - 54mm (M Profile)

VSH XPress GAS 15 - 54mm (M Profile)

KELOX 16 - 75mm (U Profile)

Code	Description	Hire Charge (Per Week)	Late Penalty (Per Day)	
HTKNAT1	Novopress ACO203 Press Tool, Charger and Spare Battery	\$50	\$25	☐
HTKNAM1	Novopress ACO203 M Profile Jaws 15 - 35mm	\$30	\$15	☐
HTKNAM2	Novopress ACO203 M Profile Slings and Adapter 42 - 54mm	\$40	\$20	☐
HTKNAU1	Novopress ACO203 U Profile Jaws 16 and 20mm	\$10	\$5	☐
HTKNAU2	Novopress ACO203 U Profile Jaws 25 - 50mm	\$30	\$15	☐
HTKNAU3	Novopress ACO203 U Profile Jaw 63mm	\$20	\$10	☐
HTKNAU4	Novopress ACO203 U Profile Sling and Adapter 75mm	\$30	\$15	☐

Novopress ACO203XL

COPPERFIX 15 - 108mm (M Profile)

STEELFIX 15 - 108mm (M Profile)

VSH XPress GAS 15 - 54mm (M Profile)

KELOX 16 - 75mm (U Profile)

Code	Description	Hire Charge (Per Week)	Late Penalty (Per Day)	
HTKNAXT1	Novopress ACO203XL Press Tool, Charger and Spare Battery	\$60	\$30	☐
HTKNAM1	Novopress ACO203XL M Profile Jaws 15 - 35mm	\$30	\$15	☐
HTKNAM2	Novopress ACO203XL M Profile Slings and Adapter 42 - 54mm	\$40	\$20	☐
HTKNAXM3	Novopress ACO203XL M Profile Primary Press Adapter for 66.7 - 108mm Slings	\$20	\$10	☐
HTKNAXM4	Novopress ACO203XL M Profile 66.7mm Sling (COPPERFIX Only)	\$30	\$15	☐
HTKNAXM5	Novopress ACO203XL M Profile 76.1mm Sling	\$30	\$15	☐
HTKNAXM6	Novopress ACO203XL M Profile 88.9mm Sling	\$30	\$15	☐
HTKNAXM7	Novopress ACO203XL M Profile Secondary Press Adapter and 108mm Sling (STEELFIX Only)	\$50	\$25	☐
HTKNAXM8	Novopress ACO203XL M Profile Secondary Press Adapter and 108mm Sling (COPPERFIX Only)	\$50	\$25	☐
HTKNAU1	Novopress ACO203XL U Profile Jaws 16 and 20mm	\$10	\$5	☐
HTKNAU2	Novopress ACO203XL U Profile Jaws 25 - 50mm	\$30	\$15	☐
HTKNAU3	Novopress ACO203XL U Profile Jaw 63mm	\$20	\$10	☐
HTKNAU4	Novopress ACO203XL U Profile Sling and Adapter 75mm	\$30	\$15	☐

Novopress ECO301

COPPERFIX 42 - 108mm (M Profile)

STEELFIX 42 - 108mm (M Profile)

VSH XPress GAS 42 - 54mm (M Profile)

Code	Description	Hire Charge (Per Week)	Late Penalty (Per Day)	
HTKNET1	Novopress ECO301 Press Tool	\$60	\$30	☐
HTKNEM1	Novopress ECO301 M Profile Slings and Adapter 42 - 54mm	\$40	\$20	☐
HTKNEM2	Novopress ECO301 M Profile Primary Press Adapter for 66.7 - 108mm Slings	\$20	\$10	☐
HTKNAXM4	Novopress ECO301 M Profile 66.7mm Sling (COPPERFIX Only)	\$30	\$15	☐
HTKNAXM5	Novopress ECO301 M Profile 76.1mm Sling	\$30	\$15	☐
HTKNAXM6	Novopress ECO301 M Profile 88.9mm Sling	\$30	\$15	☐
HTKNEM6	Novopress ECO301 M Profile Secondary Press Adapter with 108mm Sling (STEELFIX Only)	\$50	\$25	☐
HTKNEM7	Novopress ECO301 M Profile Secondary Press Adapter with 108mm Sling (COPPERFIX Only)	\$50	\$25	☐

REMS Mini Press

COPPERFIX 15 - 35mm (M Profile)

STEELFIX 15 - 35mm (M Profile)

VSH XPress GAS 15 - 28mm (M Profile)

KELOX 16 - 40mm (U Profile)

Code	Description	Hire Charge (Per Week)	Late Penalty (Per Day)	
HTKRMT1	REMS Mini Press Tool, Charger and Spare Battery	\$40	\$20	☐
HTKRMM1	REMS Mini Press M Profile Jaws 15 - 28mm	\$20	\$10	☐
HTKRMM2	REMS Mini Press M Profile 35mm Jaw	\$10	\$5	☐
HTKRMU1	REMS Mini Press U Profile Jaws 16 and 20mm	\$10	\$5	☐
HTKRMU2	REMS Mini Press U Profile Jaws 25 - 40mm	\$20	\$10	☐

Novopress ECO301 - STEELFIX Sprinkler

STEELFIX Sprinkler Only 28 - 54mm (M Profile)

Code	Description	Hire Charge (Per Week)	Late Penalty (Per Day)	
HTKNES1	Novopress ECO301 Press Tool, M Profile 28mm Jaw and High Pressure Slings and Adapter for 35 - 54mm *	\$120	\$60	☐

* **Important:** High-Pressure Slings **MUST NOT** be used to press COPPERFIX Fittings.

Novopress ACO401 - STEELFIX Sprinkler

STEELFIX Sprinkler Only 76.1 - 108mm (M Profile)

Code	Description	Hire Charge (Per Week)	Late Penalty (Per Day)	
HTKNMONT1	Novopress ACO401 Press Tool, Charger and Spare Battery	\$110	\$55	☐
HTKNMONM1	Novopress ACO401 76.1mm High Pressure Sling *	\$40	\$20	☐
HTKNMONM2	Novopress ACO401 88.9mm High Pressure Sling *	\$40	\$20	☐
HTKNMONM3	Novopress ACO401 108mm High Pressure Sling *	\$50	\$25	☐

KELOX Pipe Winder

Code	Description	Hire Charge (Per Week)	Late Penalty (Per Day)	
HTKPW	KE KELIT KELOX Pipe Winder	\$20	\$10	☐

REMS Sinus Hand Bending Tool

Code	Description	Hire Charge (Per Week)	Late Penalty (Per Day)	
HTKRS	REMS Sinus Hand Bending Tool	\$30	\$15	☐

REMS Curvo 50 Electric Pipe Bender

Code	Description	Hire Charge (Per Week)	Late Penalty (Per Day)	
HTKRC50	REMS Curvo 50 Electric Pipe Bender	\$120	\$60	☐

Winkler Clip Fixing Tool

Code	Description	Hire Charge (Per Week)	Late Penalty (Per Day)	
HTWCFT	Winkler Clip Fixing tool	\$10	\$5	☐

KELOX FB Stapler

Code	Description	Hire Charge (Per Week)	Late Penalty (Per Day)	
HTKS611	KELOX FB Stapler (For KM611 Staples)	\$20	\$10	☐

Radius Kelit Press Set

Code	Description	Hire Charge (Per Week)	Late Penalty (Per Day)	
HTKRKS	Radius Kelit Press Set	\$150	\$75	☐

* **Important:** High-Pressure Slings **MUST NOT** be used to press COPPERFIX Fittings.

Hire Details

Note: This form must be completed for each separate hire term.

You must first have completed and signed the KE KELIT Hire Tool Agreement (Please refer to the following page. This only needs to be completed once).

Purchase Order Number: _____

Site Contact

Name: _____

Mobile: _____

Office Contact

Name: _____

Phone: _____

Email: _____

Physical Address: _____

Hire Period

Start Date: _____

Required Duration (Weeks): _____

KE KELIT New Zealand Hire Tool Agreement

KE KELIT (NZ) LIMITED's standard Terms of Trade shall apply to this Hire Agreement. Those Terms of Trade shall prevail in the event of any conflict between the Terms of Trade and this Hire Agreement. Hire tools are not available to those who have not signed the Terms of Trade. This form applies to all subsequent hires.

Terms and Conditions of Hire:

You must ensure you check that all the parts (stated on the packing slip) are present before and after use. All press tools must be used in accordance with the relevant manufacturer's instructions and KE KELIT NZ Training Manual (which can be provided on request).

Hire tools are subject to availability, and the hire tools must be in use throughout the period of hire within reason, or else returned. KE KELIT reserve the right to supply suitable alternatives to requested tools without notice.

Please note that for STEELFIX, COPPERFIX & VSH XPRESS GAS systems, an additional charge of \$20 applies when hiring slings (35/42 - 108mm sizes) as a can of BRUNOX Turbo Spray Lubricant will be required. This must be applied to the slings in accordance with the instructions provided on page 03 of the KE KELIT Press Tools Technical Product Selector to prevent the occurrence of pinched fittings.

Damages and Losses:

You are responsible for any damaged or lost tools while they are in your possession. KE KELIT (NZ) LIMITED reserve the right to on-charge any repair or replacement costs. KE KELIT (NZ) LIMITED are not responsible for any damages that are caused using press tools and other associated equipment that are hired under this agreement. You must notify KE KELIT (NZ) Limited of any damaged or lost hire equipment as soon as possible. KE KELIT (NZ) Limited are not responsible for tools sent incorrectly, you must check that the tools are correct for the application.

Freight Charges:

KE KELIT NZ will on-charge the shipping costs associated with the transportation of hire tools to and from your location. **The freight charge incurred will be a flat fee of \$25 ex. GST each way.**

Hire Costs:

Hire tools will incur charges based on full week quantities. The minimum hire charge will be that of one week, even if the tools are only required for a couple of days. For example, an 8-day hire will incur a two week hire charge. Penalties for late returns will apply.

Payments are to be made via invoice or direct debit. All relevant forms must be filled out and returned prior to any tools being dispatched. All prices listed EXCLUDE GST and depend on the tools that are required. Hire charges may be adjusted at any time without notice.

Late Penalties:

Two business days total will be allowed for return shipping time from your location, i.e. for a one-week hire starting on Monday, the tool(s) must reach us by the Wednesday of the following week. Late penalties will apply if the tool is not received by KE KELIT (NZ) Limited within the specified time frame (unless it can be proven by track and trace or similar to be outside of your control). Contact KE KELIT prior to the end of your hire term to arrange any required extensions. This means you will need to provide an additional purchase order or initiate a further direct debit.

Penalties are incurred for EACH DAY that the tools are not returned and EXCLUDE GST.

Borrower Details

Name: _____

Company: _____

Role/Position: _____

Contact Number: _____

Email: _____

Date: _____

Signature: _____

Direct Debit Authority

My account to be debited (acceptor)

Name of my bank:

Bank	Branch	Account						Suffix			

Initiator's Authorisation Code

3	8	0	0	8	5	5
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Approved

0085	10/2018
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From the acceptor to acceptor's bank (my bank):

I authorise you to debit my account with the amounts of direct debits from *KE KELIT (NZ) Limited* with the authorisation code specified on this authority in accordance with this authority until further notice.

I agree that this authority is subject to:

- The bank's terms and conditions that relate to my account, and
- The specific terms and conditions listed below.

Please include the following information on my statement:

Authorised Signature/s:	Date:
_____	____/____/____

Specific conditions relating to the notices and disputes

1. I may ask my bank to reserve a direct debit up to 120 calendar days after the debit if:
 - I don't receive a written notice of the amount and date of each direct debit from the initiator,
 - I receive a written notice but the amount or the date of debiting is different from the amount or date specified on the notice.
2. The initiator is required to give you a written notice of the amount and date of each direct debit no less than 10 business days before the date of the debit.
3. If the bank dishonours a direct debit but the initiator sends the direct debit again within 5 business days of the dishonour, the initiator is not required to give you a second notice of the amount and date of the direct debit.

Servicing Tools General Information

KE KELIT offer tool servicing for Novopress tools. Servicing is completed by trained and certified technicians, that provide servicing, calibration, trouble shooting and repairs for all Novopress tools.

KE KELIT's tool servicing involves state-of-the-art Novopress approved testing and calibration equipment. KE KELIT also have access to a range of spare parts, so we can get your machines and tools back in the field as quickly as possible.

Servicing Tools Pricing

Pricing listed below is for the servicing of machines themselves. Parts rates will be specific to individual repairs.

Diagnostic/Operation Check using Manual Force Tester

- Download press reports and evaluate error messages.
- Inspection of external wearing surfaces of the tool and jaws looking for non-conformities.
- Lubrication where needed.
- Perform approximately 20 presses using the appropriate manual press force tester, inspecting the indicator position for each press.
- Generation of report.
- \$130 including shipping

Full Service/Calibration for Tools up to 54mm (Novopress ACO153 & ACO203)

- Download press reports and evaluate error messages.
- Disassembly of the tool, internal and external inspection of wearing parts identifying any parts in need of repair (some seals and sieve can be damaged in disassembly).
- Replacement of lubricating greases and hydraulic oil. Bleeding of air from the hydraulic system.
- Inspection of press jaws for damage/cracks and lubrication where needed.
- Press force calibration and adjustment using the digital press force tester, finalising with a minimum of 10 consistent presses.
- Generation of report.
- \$493 including shipping (exclusive of repairs of broken parts)

Full Service/Calibration for Tools up to 108mm (Novopress ACO203XL & ACO401)

- Download press reports and evaluate error messages.
- Disassembly of the tool, internal and external inspection of wearing parts identifying any parts in need of repair (some seals and sieve can be damaged in disassembly).
- Replacement of lubricating greases and hydraulic oil. Bleeding of air from the hydraulic system.
- Inspection of press jaws for damage/cracks and lubrication where needed.
- Press force calibration and adjustment using the digital press force tester, finalising with a minimum of 10 consistent presses.
- Generation of report.
- \$500 including shipping (exclusive of repairs of broken parts)



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