

► AUTOMOTIVE

The systematic approach to rapid and efficient glass removal.

SUPERWIRE und SUPERCUT – the perfect solution for all windscreens.



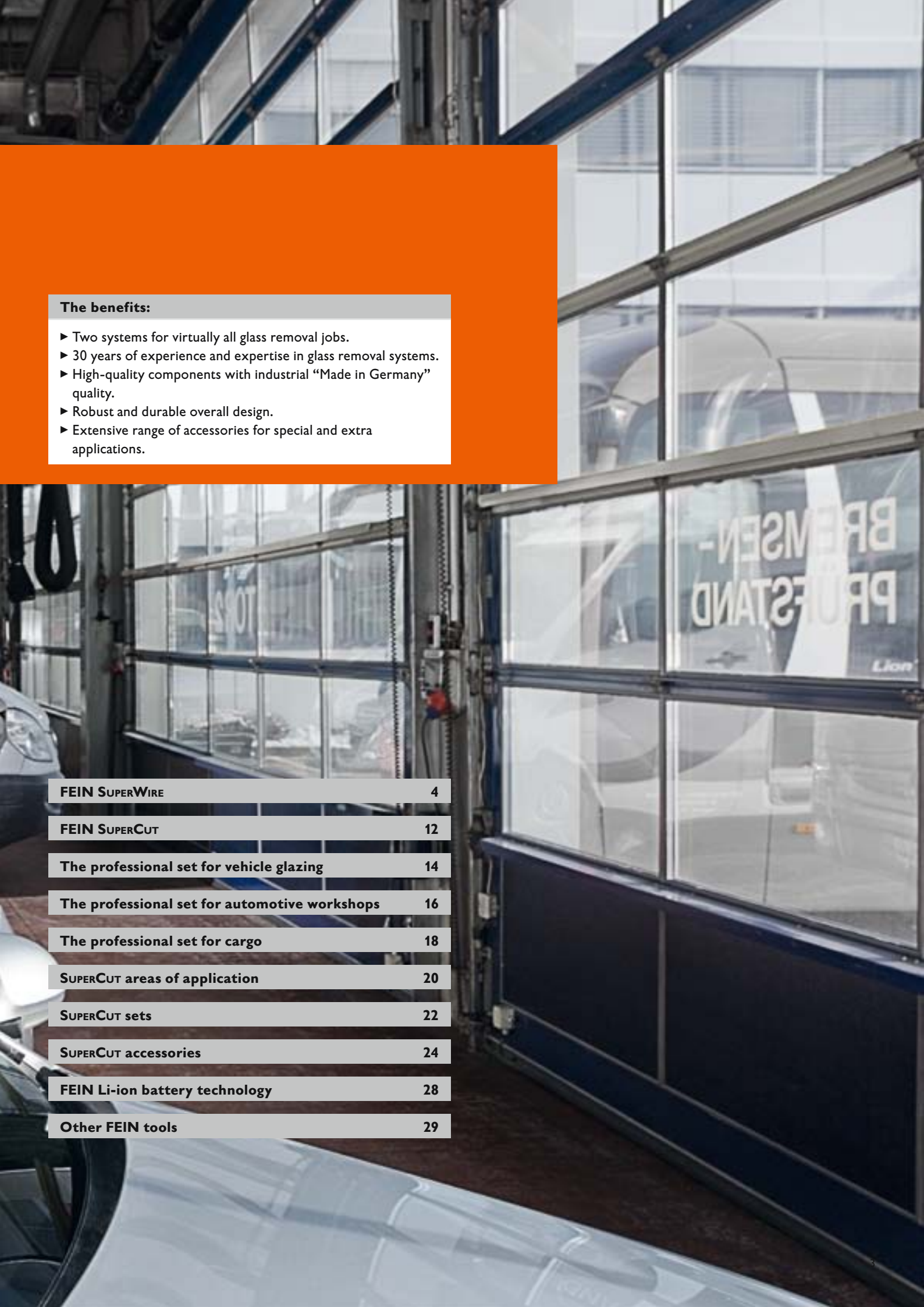
**A WORLD FIRST!
FEIN SUPERWIRE**

Reliably tackle all glass removal challenges.

As the inventor of the first electric hand drill, FEIN has been setting technical standards since 1867. Since 1984 the FEIN SUPERCUT has proved itself as a reliable tool for removing glass from windscreens. The SUPERWIRE from FEIN is the world's first motorised system for removing windscreens in one step.

SUPERWIRE and SUPERCUT are the perfect tools for all glass removal work – from simple cars to complex cargo applications for trucks, buses and rail vehicles. The systems from FEIN make your job easier and safer and with an extensive range of accessories, your work is also much more efficient.





The benefits:

- ▶ Two systems for virtually all glass removal jobs.
- ▶ 30 years of experience and expertise in glass removal systems.
- ▶ High-quality components with industrial “Made in Germany” quality.
- ▶ Robust and durable overall design.
- ▶ Extensive range of accessories for special and extra applications.

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FEIN SUPERWIRE – the innovation. Safe removal of glass without the need to reposition.

FEIN's SUPERWIRE is a genuine world first. For the first time ever, glass can be easily removed without the need to reposition. In daily use, the SUPERWIRE offers impressively convenient handling, precision, speed and versatility. The system is suited to virtually all windscreens and guarantees reliable results without damaging the vehicle body.

The benefits:

- ▶ Simple removal of glass without the need to reposition the SUPERWIRE.
- ▶ Can even be used if the windscreen is very curved and with small gaps.
- ▶ High-strength round wire even cuts through double adhesive beads.
- ▶ Robust gearbox and motor unit with slipping clutch.
- ▶ 40–60 windows can be removed in just one battery charge.



Wire holder

The four wire holders on the guide pulleys prevent the wire from slipping off and ensure smooth operation.

Operating unit

With integrated LED lamp and controllable speed for safe glass removal.

Slipping clutch

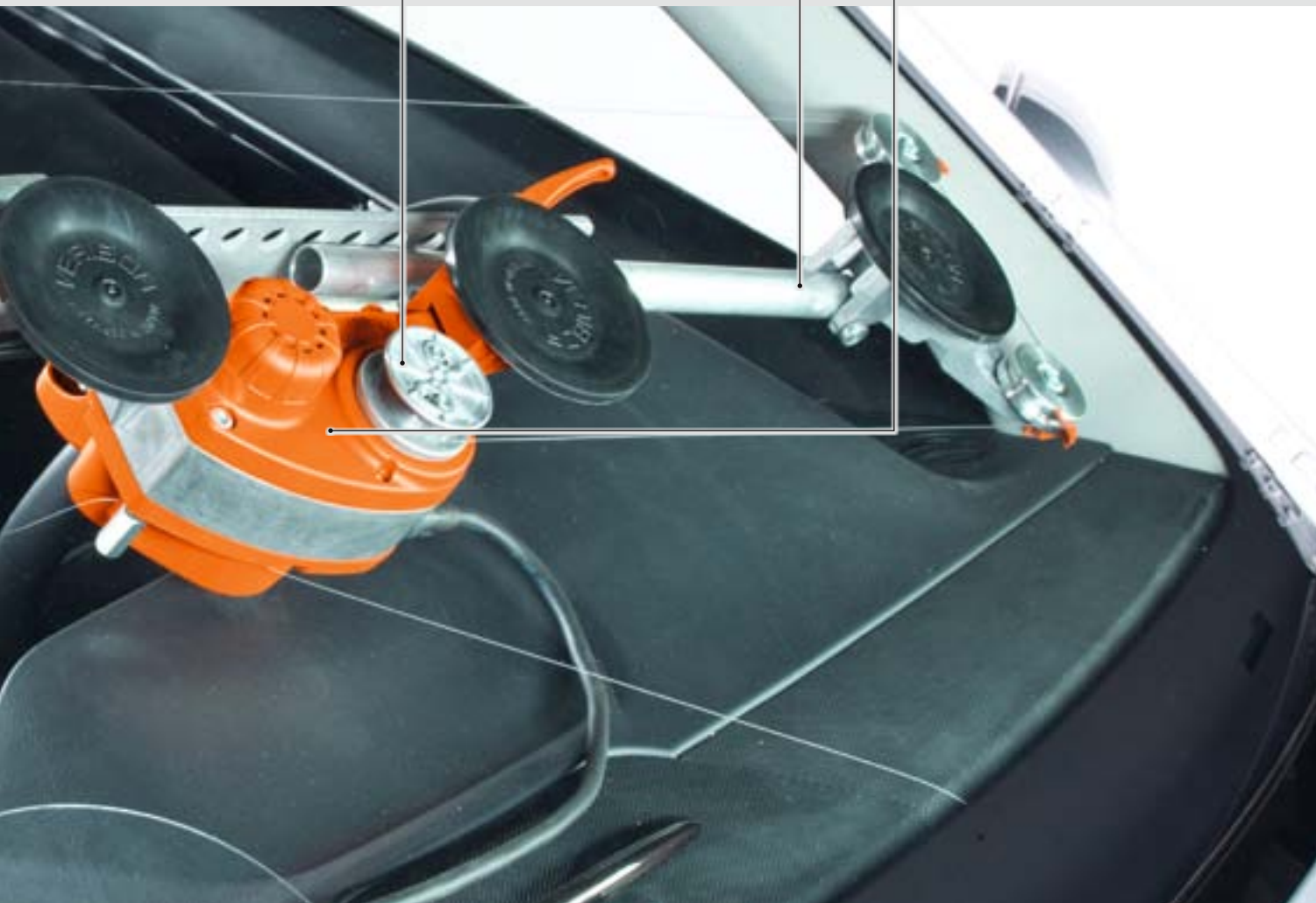
The SUPERWIRE has a slipping clutch which can prevent wire breakage due to overload.

Telescope

The removable and swivelling telescopes allow the glass removal unit to be adapted to various window types. The telescopic arms can be easily removed for special applications.

Anti-Metal-Cut system

The system issues an acoustic signal before the wire reaches a point at which it could damage the body. It is activated by a special cable (accessory).



A standardised process for simple window removal.

The method for removing windscreens with the SUPERWIRE is so standardised that the system doesn't have to be repositioned or moved at all. The high-strength wire, combined with the powerful motor, reliably cuts through even very wide or double beads of adhesive. The slipping clutch prevents the wire from breaking.

Procedure:

1. Position SUPERWIRE on window.
2. Secure telescopic arms in the top right corner and bottom left above the dashboard.
3. After inserting, pull the cutting wire into the interior with the remote control. The cutting forces are evenly transferred to the window by the telescopic arms such that the window isn't overloaded during removal.

Simple handling



Fitting and operating the SUPERWIRE is simple. The unit doesn't have to be repositioned at all during the glass removal process so the job doesn't have to be interrupted.

Fast and convenient



Thanks to motorisation, the SUPERWIRE can be effortlessly controlled from inside or outside by remote control.

Variable adaptation



The telescopic arms can be adapted in various ways and are therefore suited to side windows and rear windscreens as well as very curved windscreens.

Low rear windscreens



On low rear windscreens, e.g. in estate cars, the SUPERWIRE is fitted in parallel on the windscreen.

Small side windows



By removing the telescopic unit and moving the guide pulleys onto the drive unit, even small side windows can be removed without the need to reposition.

Large side windows



Glass can also be easily removed from larger side windows without the need to reposition. Always start to insert the wire in the top right.

Curved windscreens



If the windscreen is so curved that a lifting pad cannot stick to the windscreen, this can be compensated for by fitting the vacuum ring.

Special cases of glass removal – in trucks and cars.

Even large windscreens in trucks or in the rear of cars where there is only limited access, the SUPERWIRE can still remove the glass – although repositioning is needed in these cases.

For reliable glass removal from truck windscreens, the SUPERWIRE and telescopic arms have to be repositioned just once.

When removing glass from special car windows, e.g. small side windows or curved rear windscreens in coupés or saloon cars, the

telescopic arms are simply taken off in advance. The SUPERWIRE then has to be moved accordingly. In most cases, the system only has to be repositioned once.

The professional FEIN set for cargo (page 18/19) is perfect for bigger challenges.

Truck windscreens



Glass can be reliably removed from truck windscreens by repositioning the SUPERWIRE just once. Start by positioning the SUPERWIRE on the right-hand side of the vehicle, cutting normally until the machine wire reaches the centre on the windscreen. The windscreen can be cut out to roughly the centre of the headliner. Then the SUPERWIRE has to be moved over to the left.

Windscreens and rear windscreens in cars with repositioning



If you are not able to fit the SUPERWIRE with the telescopic arms, it will have to be repositioned once. Once the wire is inserted, the SUPERWIRE is secured in the top right. The windscreen is cut out up to the top edge, then the SUPERWIRE is moved to the left to remove the rest of it.

Tips and hints for the workshop.

The SUPERWIRE is already a highly efficient way of removing glass. This page contains a few tips to make your daily work with the system even easier, faster and more reliable.

Calculating the wire length



5–6 times the total width of the window at the bottom is sufficient for the wire length. Wire which is 2–2.5 times the inner width of the vehicle therefore needs pulling into the interior with the awl.

Threading in the wire



The wire is simply rolled under the moulded strips – preventing these from being damaged during removal and allowing the window to be reused.

Anti-Metal-Cut for maximum safety



The Anti-Metal-Cut system is activated when connected via a special cable (sold separately). This issues an acoustic signal before the wire reaches a point at which it could damage the body.

Using metal stakes



If the window extends over the body flange, we would recommend using metal stakes to ensure that the wire is in contact with the window when cutting.

Lifting pads for protection



In rare cases the telescopic arm may slip on the window. This can be avoided by using a standard lifting pad.

Keeping sight of the wire at all times



The LED lighting in the remote control and the transparent covers allow the path of the cutting wire to be followed at all times.

An overview of SUPERWIRE and its accessories.

The SUPERWIRE from FEIN is the perfect tool for your workshop for safely removing glass from cars without the need to reposition and for convenient working – even in tight spaces. The system is available with or without batteries. The extensive range of accessories makes numerous other applications possible.

The benefits:

- ▶ Brushless, zero-maintenance motor.
- ▶ Remote control with LED lamp and 1.5 m cable.
- ▶ Slipping clutch prevents wire breakage.
- ▶ Coil speed of 0 - 40 rpm.
- ▶ Weight approx. 6 kg.
- ▶ 300 metres of wire.

SUPERWIRE with battery and charger



- ▶ 1 FEIN SUPERWIRE ADAS 18 in plastic tool case
- ▶ 1 rapid battery charger ALG 50
- ▶ 1 Li-ion 18-volt battery
- ▶ 300 metres of wire
- ▶ 1 starter awl
- ▶ 10 metal stakes
- ▶ 1 large plastic cover
- ▶ 1 small plastic cover
- ▶ 1 vacuum ring

Order number

7 144 01 61

SUPERWIRE without battery or charger



- ▶ 1 FEIN SUPERWIRE ADAS 18 in plastic tool case
- ▶ 300 metres of wire
- ▶ 1 starter awl
- ▶ 10 metal stakes
- ▶ 1 large plastic cover
- ▶ 1 small plastic cover
- ▶ 1 vacuum ring

Order number

7 144 01 62



SUPERWIRE ACCESSORIES

Cutting wire

High-strength cutting wire, 300 metres suitable for systems with round wire.



Order number 6 42 04 001 01 0

Starter awl

For pulling the wire into the interior.



Order number 3 21 19 127 03 0

Battery

Li-ion 18 V, 3 Ah battery with charge monitoring display.



Order number 9 26 04 155 02 0

Protective cover

Small protective cover between the vehicle trims and wire.

Order number 3 21 74 013 20 0

Protective cover

Large protective cover between the dashboard and wire.

Order number 3 21 74 013 10 0

Vacuum ring set

For fitting on lifting pads with a diameter of 120 mm for a reliable hold on curved windscreens.



Order number 3 02 40 308 01 0

Anti-slip mat

To protect attachments.



Order number 3 14 26 067 01 6

Quick charger

ALG 50: for Li-ion batteries.



Order number 9 26 04 129 01 0

Anti-Metal-Cut set

Issues a warning signal when the wire touches the body.



Order number 6 42 04 002 01 0

Metal stakes

To guide the wire on the underside of the windscreens.



Order number 3 02 29 347 01 0

FEIN SUPERCUT. Outstanding performance and quality – not just when removing glass.

The FEIN SUPERCUT is the only oscillating power tool whose performance is consistently designed for heavy-duty sawing and cutting work – ideal not just for removing glass but also numerous other automotive applications (see next few pages). You can make the most of the FEIN SUPERCUT benefits with a cordless tool that delivers the same performance. Lithium-ion technology means the

FEIN batteries have no memory effects. Thanks to the two batteries supplied and state-of-the-art battery and charging technology, continuous operation is guaranteed, even under very tough continuous loads. No matter whether you're working with a battery- or mains-powered tool, the AFSC is the most flexible and powerful oscillator with durable professional quality.



Speed control

Electronic speed control with tachogenerator for high speed consistency when loaded.

Quick clamping system

Patented QuickIN clamping system for convenient and fast tool changes without a wrench.

Metal gearbox housing

Robust metal gear box housing for long service life even in tough working conditions.

Oscillation

Outstanding work progress thanks to constant oscillation.

Tool mounting

Force-fit hexagonal tool mounting for optimum torque transfer.

The benefits:

- ▶ The only oscillating power tool for heavy-duty sawing and cutting.
- ▶ Solid metal/precision cast parts.
- ▶ Battery- and mains-powered tools enable practically the same work progress.
- ▶ Works without interruptions even when permanently loaded.

Extra flat transmission head



The mains-powered FEIN SUPERCUT is also available without the QuickIN quick clamping system. Thanks to the flatter transmission head, you can even work in hard-to-reach places.



Li-ion battery

18 V Li-ion battery for power that lasts.

Cable

5 m industrial-quality cable for large working radius.

High-power motor

Powerful and highly robust FEIN high-power motor for extraordinary performance.

Ergonomics

Sits perfectly in your hand thanks to ergonomic shape. For virtually fatigue-free working.

Tailored for professionals: the FEIN professional set for vehicle glazing.

Fast, reliable and cost-effective. The FEIN SUPERCUT allows windows to be removed from outside by just one person – and the job usually only takes a couple of minutes. There's no laborious manual work, little effort required and you save huge amounts of time and money. The powerful FEIN professional set for vehicle glazing is tailored perfectly to the various jobs undertaken in vehicle glazing, automotive workshops and cargo vehicles. It's an indispensable tool for all professional users.

The benefits:

- ▶ Independent use with powerful Li-ion batteries.
- ▶ Even working alone, users can cut out bonded windows from outside.
- ▶ Car windscreens are usually removed in under two minutes.
- ▶ The long service lives of the original FEIN cutter blades.
- ▶ Suited to almost all vehicle types.

The battery-powered professional set for vehicle glazing

Profi-Set Autoglas Akku



See page 24 for more accessories for the FEIN professional set for vehicle glazing.

- ▶ 1 battery-powered FEIN SUPERCUT AFSC 18 in plastic tool case
- ▶ 3 L-shaped cutter blades, toothed (form 207)
- ▶ 2 L-shaped cutter blades, toothed (form 208)
- ▶ 1 L-shaped cutter blade, toothed (form 209)
- ▶ 2 U-shaped cutter blades, reinforced version (1× form 157 and 1× form 111)
- ▶ 2 U-shaped cutter blades, reinforced version, toothed (form 212)
- ▶ 1 straight cutter blade, Z-bend with adjustable stop roller (form 143)
- ▶ 1 straight cutter blade, Z-bend, toothed (form 081)
- ▶ 1 protective cover for tool changes
- ▶ 1 whetstone
- ▶ 2 batteries
- ▶ 1 quick charger

Order number

7 136 02 56

Profi-Set Autoglas



See page 24 for more accessories for the FEIN professional set for vehicle glazing.

- ▶ 1 FEIN SUPERCUT FSC 1.6 Q in plastic tool case
- ▶ 3 L-shaped cutter blades, toothed (form 207)
- ▶ 2 L-shaped cutter blades, toothed (form 208)
- ▶ 1 L-shaped cutter blade, toothed (form 209)
- ▶ 2 U-shaped cutter blades, reinforced version (1× form 157 and 1× form 111)
- ▶ 2 U-shaped cutter blades, reinforced version, toothed (form 212)
- ▶ 1 straight cutter blade, Z-bend with adjustable stop roller (form 143)
- ▶ 1 straight cutter blade, Z-bend, toothed (form 081)
- ▶ 1 protective cover for tool changes
- ▶ 1 whetstone

Order number

7 236 42 56

Removing glass from a windscreen



It makes an extremely fast cut! The L-blade, form 207, has a 40% higher cutting performance compared with a U-blade when used at the same speed setting. This is a major benefit when removing glass from windscreens from outside the vehicle. **Recommended speed: level 3-4.**

Cutting out windows



Encapsulated windscreens and moulded frames, also with aluminium reinforcement, can be cut out with the L-blade in a single step. **Recommended speed: level 3-4.**

Removing glass from under the bonnet



The reinforced U-blade is used to remove glass from under the bonnet. **Recommended speed: level 3-4.**

Removing glass from the windscreen from the inside



If the outer gap between the glass and bodywork is less than 3 mm, the window must be cut out from the inside using a straight blade. **Recommended speed: max. level 3.**

Removing glass from a side window/rear windscreen



Glass can be removed from encapsulated side windows and rear windscreens from the inside using the L-blades, available in three different lengths up to 38 mm.

Sharpening blades



Included in the accessories: the whetstone for a high-speed and optimum cut in the long term. **Recommended speed: level 1-2.**

Universal approach to glass removal and bodywork: the FEIN professional set for automotive workshops.

Repairing bodywork is one of the most frequent tasks undertaken in automotive workshops. The versatile FEIN professional set for automotive workshops contains everything professionals need. For removing windows, cutting through plastic, sawing metal, grinding, removing rust, preparing for welding and many other applications. Ideal as a starter or supplementary set for removing glass – indispensable when it comes to repairing bodywork.

The benefits:

- ▶ Factory-recommended by respected vehicle manufacturers.
- ▶ Avoid damage to glass and paintwork.
- ▶ Powerful bodywork saw which doesn't produce sparks.
- ▶ Easy removal of underseal or bodywork parts.
- ▶ Just one individual is needed to cut out bonded windows.
- ▶ Universal equipment for windows and bodywork applications.

All the professional set components at a glance.

The professional set for automotive workshops



- ▶ 1 FEIN SUPERCUT FSC 1.6 Q in plastic tool case
- ▶ 2 U-shaped cutter blades, short side (form 076)
- ▶ 2 U-shaped cutter blades, short side (1× form 079 and 1× form 101)
- ▶ 2 L-shaped cutter blades, toothed (form 207)
- ▶ 1 L-shaped cutter blade, toothed (form 208)
- ▶ 1 U-shaped cutter blade, reinforced (form 157)
- ▶ 1 straight cutter blade, Z-bend with adjustable stop roller (form 143)
- ▶ 1 shovel-shaped scraper blade, with scrape protection coating (form 129)
- ▶ 1 HSS saw blade (80 mm in diameter)
- ▶ 1 protective cover for tool changes
- ▶ 1 stopper knife for removing underseal
- ▶ 1 whetstone

See pages 24/25 for more accessories for the FEIN professional set for automotive workshops.

Order number

7 236 42 55

Removing glass from under the bonnet



Use the U-blades to remove glass from under the bonnet. **Recommended speed: level 3–5.**



Removing glass from a windscreen



The L-blade provides a 40% higher cutting performance compared with a U-blade when used at the same speed. Damage to the bodywork is virtually eliminated. **Recommended speed: level 3-4.**

Cutting out windows



Encapsulated windscreens and moulded frames, also with aluminium reinforcement, can be cut out with the L-blade in a single step. **Recommended speed: level 3-4.**

Removing glass from a side window/rear windscreen



Remove glass from the side and rear windows with ease and at speed with the cutter blade, form 143, and the adjustable stop roller. **Recommended speed: max. level 3.**

Removing residual adhesive



The scraper blade allows you to remove residual adhesive cleanly, at speed and with little effort. **Recommended speed: level 2-3.**

Removing underseal or carpet



The stopper knife allows you to remove underseal and stoneguard with ease and at speed. Parts needing repair can be easily exposed and e.g. tow couplings screwed directly to the framework. **Recommended speed: level 2-4.**

Sawing with a chassis saw



The HSS saw blade allows you to cut bodywork sheet metal up to 1 mm rapidly and without producing sparks, as well as most plastics and fibreglass. The cutting width is only 0.5 mm. Not suited to high-strength bodywork sheet metal. **Recommended speed: level 3-5.**

Perfect for bigger challenges: the FEIN professional set for cargo.

Replacing windows is one of the most common applications undertaken on trucks, buses and trains. The bigger the window, the bigger the challenge. The FEIN professional set for cargo is the perfect tool for cargo applications and will cut out rigidly bonded windows from trucks, buses and rail vehicles much faster and more conveniently. There's a good reason why the FEIN professional set for cargo is recommended by most bus and truck manufacturers.

The benefits:

- ▶ Impressive performance for the extreme loads encountered in the cargo sector.
- ▶ Factory-recommended by respected vehicle manufacturers.
- ▶ Just one individual is needed to cut out bonded windows.
- ▶ Extensive range of FEIN accessories for many special applications.

All the professional set components at a glance.

The professional set for cargo



- ▶ 1 FEIN SUPERCUT FSC 1.6 Q in plastic tool case
- ▶ 2 straight cutter blades, toothed (form 073)
- ▶ 2 straight cutter blades, Z-bend, toothed (form 081)
- ▶ 1 hook-shaped cutter blade, toothed (form 217)
- ▶ 1 curved cutter blade, Z-bend, toothed (form 072)
- ▶ 3 L-shaped cutter blades, toothed (2x form 207), (1x form 209)
- ▶ 1 U-shaped cutter blade, toothed (form 212)
- ▶ 1 shovel-shaped scraper blade, with scrape protection coating (form 105)
- ▶ 1 traction cable with fastening
- ▶ 1 whetstone
- ▶ 1 protective cover for tool changes

See page 25 / 26 for more accessories for the FEIN professional set for cargo.

Order number

7 236 42 57

V-cut from outside



Joints in bus windows have to be removed with a V-cut before the window can be cut out. Its fast cut makes the straight cutter blade, form 073, optimally suited to the task.
Recommended speed: level 3–5.

Cutting out large windows



Even very large windows can be cut out with ease from the inside with the cutter blade, form 081. **Recommended speed: level 3–5.**

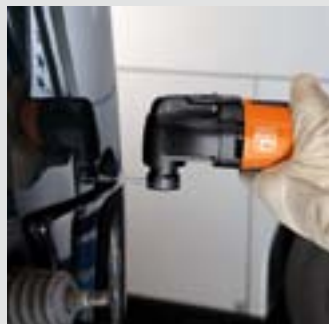


Complicated access made easy



When it comes to hard-to-reach bonds, e.g. under sun visors or for permanently fitted display panels in buses, the reinforced blade, form 217, is ideal. **Recommended speed: level 4-5.**

Removing windows



Use the L-blades, form 207 and 209, for windows in buses and trucks with narrow gaps between the glass and frame. They allow you to cut through rigidly assembled strips with ease and at speed. **Recommended speed: level 4-5.**

Supporting traction



Traction cable and fastening parts are ideal for supporting traction.

Removing residual adhesive



The scraper blade allows you to remove residual adhesive cleanly, with ease and at speed – even in hard-to-reach places.

Removing cover panels



Bonded cover strips can be removed cleanly, reliably and at speed with the straight blades, form 081 and 216, enabling the strips to be reused in most cases. **Recommended speed: level 3-5.**

Separating cuts in side windows



The curved cutter blade, form 072, is excellently suited to making separating cuts in side windows from inside. **Recommended speed: level 3-4.**

More options, more results: the FEIN SUPERCUT accessories.

The accessories for the FEIN SUPERCUT were developed especially for all typical applications in vehicle glazing, automotive workshops and cargo vehicles and are being optimised all the time. FEIN works closely with professional users to offer them the performance, reliability, ease of use and durability they need in their everyday work.

Removing glass



Use the 25.4 and 19 mm 207 and 208 L-blades for narrow gaps (min. 3 mm). The short design means you don't have to dismantle the interior coverings on the A-columns.

Sanding



Tool changes for precise sanding allow you to tackle minor repair work such as rust, damage caused by stone-chipping, or paintwork damage with ease, even in hard-to-reach places in the bodywork. The sanding pad set and the adapter for tools with and without QuickIN provide additional benefits.

Sawing



The E-CUT saw blades with bimetal teeth are perfect for machining bodywork – for example in hard-to-reach places or radii caused by repair or conversion work to cars (e.g. when installing navigation devices).

Cutting



The toothed, straight cutter blade, form 081, optimally dismantles bonded plastic parts and assembly parts like trims or bumper guards. The cutter blade, form 073, is perfectly suited to making subsequent cut-outs in plastic bumpers, for example.

Cutting sheet metal



The HSS saw blades allow you to cut rapidly through normal-strength bodywork sheet metal up to 1 mm, hard plastics and fibreglass. The cutting line is only 0.5 mm wide. You also benefit from spark-free cutting and individual immersion depths into the material.

Scraping off underseal



The stopper knife allows you to remove underseal and stoneguard with ease and at speed. Parts needing repaired can be easily exposed, and tow couplings screwed directly to the framework. Interior carpets, sound-deadening mats and insulation mats can also be removed with ease.

The benefits:

- ▶ Applications which are only possible with the FEIN SUPERCUT, such as sawing.
- ▶ Easier working in complex applications.
- ▶ Versatile professional set variants and accessories.
- ▶ Accessories which are compatible with all FEIN SUPERCUT models.

Removing insulation glass



The mushroom-shaped cutter blade cuts out insulation windows from buses and trains with ease and at speed. Adhesive residue on the glass can therefore also be removed with ease.

Removing glass from VAG windows



In some VAG models, the rear and side windows are fitted with moulded frames. FEIN provides you with the perfect solution for removing the windows in the VW Passat variant models up to 2004, from the VW Polo to the 01, Lupo, Seat and VW Golf III, without causing any damage.

Cutting fibreglass material



The wide or narrow M-CUT HSS saw blades allow you to make cut-outs in fibreglass and other plastic composites with precision.

Reworking cut-outs



The carbide-tipped file is optimally suited to reworking cut-outs in hard-to-reach places: it makes light work of plastics, composite material and wood.

Stage-bonded windows



Stage-bonded or U-profile bonded windows can even be cut out at the edges with the cutter blade, form 177, with an angle cutter of 8 mm. Best suited to bus and train windows.




Special accessories



The new range of accessories is also suited to other tasks. The mushroom blade can be used to remove with ease e.g. the light and windscreen wiper sensors, which are a common feature in modern vehicles.
Recommended speed: level 2-3.

See page 24 onwards for the complete range of accessories for special tasks.

Super clear: all SUPERCUT tools and sets at a glance.

Technical data		FSC 1.6	FSC 1.6 Q	AFSC 18
Model		 <p>The powerful system for removing glass from car, truck, bus and rail windows.</p>	 <p>The powerful system with QuickIN for removing glass from car, truck, bus and rail windows.</p>	 <p>The powerful battery system with QuickIN for removing glass from car windows.</p>
Power consumption	W	400	400	-
Power output	W	220	220	-
Battery voltage	V	-	-	18
Battery capacity	Ah	-	-	2,4
Oscillations	rpm	11,000 – 18,500	11,000 – 18,500	11,000 – 18,500
Amplitude	Degrees	3.2	3.2	3.4
Cable with plug	m	5	5	-
Weight	kg	1.25	1.45	2
Gearbox head height	mm	55	80	80
Tool change		5 mm Socket head wrench	QuickIN	QuickIN
Order number		7 236 31 50	7 236 42 50	7 136 02
Set includes		FEIN SUPERCUT FSC 1.6 in plastic tool case; 1 whetstone; 1 key	FEIN SUPERCUT FSC 1.6 Q in plastic tool case; 1 whetstone; 1 protective cover	FEIN SUPERCUT AFSC 18 in plastic tool case; 2 batteries; 1 quick charger, 1 whetstone; 1 protective cover

The battery-powered professional set for vehicle glazing



- ▶ 1 battery-powered FEIN SUPERCUT AFSC 18 in plastic tool case
- ▶ 3 L-shaped cutter blades, toothed (form 207)
- ▶ 2 L-shaped cutter blades, toothed (form 208)
- ▶ 1 L-shaped cutter blade, toothed (form 209)
- ▶ 2 U-shaped cutter blades, reinforced version (1x form 157 and 1x form 111)
- ▶ 2 U-shaped cutter blades, reinforced version, toothed (form 212)
- ▶ 1 straight cutter blade, Z-bend with adjustable stop roller (form 143)
- ▶ 1 straight cutter blade, Z-bend, toothed (form 081)
- ▶ 1 protective cover for tool changes
- ▶ 1 whetstone
- ▶ 2 batteries
- ▶ 1 quick charger

Order number

7 136 02 56

The professional set for vehicle glazing



- ▶ 1 FEIN SUPERCUT FSC 1.6 Q in plastic tool case
- ▶ 3 L-shaped cutter blades, toothed (form 207)
- ▶ 2 L-shaped cutter blades, toothed (form 208)
- ▶ 1 L-shaped cutter blade, toothed (form 209)
- ▶ 2 U-shaped cutter blades, reinforced version (1x form 157 and 1x form 111)
- ▶ 2 U-shaped cutter blades, reinforced version, toothed (form 212)
- ▶ 1 straight cutter blade, Z-bend with adjustable stop roller (form 143)
- ▶ 1 straight cutter blade, Z-bend, toothed (form 081)
- ▶ 1 protective cover for tool changes
- ▶ 1 whetstone

Order number

7 236 42 56

The professional set for automotive workshops



- ▶ 1 FEIN SUPERCUT FSC 1.6 Q in plastic tool case
- ▶ 2 U-shaped cutter blades, short side (form 076)
- ▶ 2 U-shaped cutter blades, short side (1x form 079 and 1x form 101)
- ▶ 2 L-shaped cutter blades, toothed (form 207)
- ▶ 1 L-shaped cutter blade, toothed (form 208)
- ▶ 1 U-shaped cutter blade, reinforced (form 157)
- ▶ 1 straight cutter blade, Z-bend with adjustable stop roller (form 143)
- ▶ 1 shovel-shaped scraper blade, with scrape protection coating (form 129)
- ▶ 1 HSS saw blade (80 mm in diameter)
- ▶ 1 stopper knife
- ▶ 1 protective cover for tool changes
- ▶ 1 whetstone

Order number

7 236 42 55

The professional set for cargo



- ▶ 1 FEIN SUPERCUT FSC 1.6 Q in plastic tool case
- ▶ 2 straight cutter blades, toothed (form 073)
- ▶ 2 straight cutter blades, Z-bend, toothed (form 081)
- ▶ 1 hook-shaped cutter blade, toothed (form 217)
- ▶ 1 curved cutter blade, Z-bend, toothed (form 072)
- ▶ 3 L-shaped cutter blades, toothed (2x form 207), (1x form 209)
- ▶ 1 U-shaped cutter blade, toothed (form 212)
- ▶ 1 shovel-shaped scraper blade, with scrape protection coating (form 105)
- ▶ 1 traction cable with fastening
- ▶ 1 whetstone
- ▶ 1 protective cover for tool changes

Order number

7 236 42 57

Vehicle glazing accessories

Cutter blade, U-shaped

Ideal for removing glass from under the bonnet.

Short side, pack of 2.



Cut length mm	Order number
10	6 39 03 083 01 0
16	6 39 03 095 01 1
16	6 39 03 108 01 4
18	6 39 03 087 01 9
19.5	6 39 03 118 01 3
22	6 39 03 115 01 8
24	6 39 03 076 01 6
28	6 39 03 163 01 1
32	6 39 03 147 01 2
36	6 39 03 079 01 2
40	6 39 03 110 01 0
60	6 39 03 101 01 0
70	6 39 03 155 01 4

Long side, pack of 2.



Cut length mm	Order number
18	6 39 03 127 01 4
32	6 39 03 114 01 4
32	6 39 03 191 01 1
45	6 39 03 154 01 0
52	6 39 03 153 01 2
60	6 39 03 107 01 6

Reinforced version, pack of 2.



Cut length mm	Order number
60	6 39 03 157 01 1
95	6 39 03 111 01 9

Reinforced version, toothed, pack of 2.



Cut length mm	Order number
19	6 39 03 210 01 6
25,5	6 39 03 211 01 5
38	6 39 03 212 01 8

Cutter blade, L-shaped

Toothed, pack of 2.



Cut length mm	Order number
19	6 39 03 208 01 0
25.4	6 39 03 207 01 2
38	6 39 03 209 01 4

Cutter blade, straight

Pack of 2.



Cut length mm	Total length mm	Order number
26	56	6 39 03 121 01 8
40	90	6 39 03 176 01 5
35	145	6 39 03 194 01 6

Z-bend, pack of 2.



Cut length mm	Total length mm	Order number
19	68	6 39 03 122 01 1
18	84	6 39 03 181 01 2
23	65	6 39 03 173 01 3
25	65	6 39 03 124 01 3
27	85	6 39 03 174 01 8
32	110	6 39 03 123 01 5
70	120	6 39 03 171 01 3

Bent, pack of 2.



Cut length mm	Total length mm	Order number
14/90°	65	6 39 03 120 01 9
16/90°	75	6 39 03 104 01 5
20/50°	75	6 39 03 103 01 7
20/75°	75	6 39 03 109 01 8
10/75°	75	6 39 03 164 01 9
25/50°	75	6 39 03 172 01 6

Bent, Z-bend, pack of 2.



Cut length mm	Total length mm	Order number
45	120	6 39 03 168 01 8
70	120	6 39 03 125 01 7

Z-bend, with rigid depth stop, pack of 2.



Cut length mm	Total length mm	Order number
16	120	6 39 03 099 01 0
58	125	6 39 03 097 01 8

Z-bend, with adjustable depth stop, pack of 2.



Cut length mm	Total length mm	Order number
16-43	100	6 39 03 143 01 3
18-39	100	6 39 03 170 01 4
20-35	100	6 39 03 198 01 5
60-76	120	6 39 03 169 01 2

Flat, with adjustable depth stop, pack of 2.



Cut length mm	Total length mm	Order number
42-60	145	6 39 03 182 01 5

Z-bend, bent, with rigid depth stop, pack of 2.



Cut length mm	Total length mm	Order number
54	120	6 39 03 160 01 5

Cutter blade, curved

Z-bend, with rigid depth stop, pack of 2.



Cut length mm	Total length mm	Order number
14	80	6 39 03 082 01 6
16	80	6 39 03 133 01 4
39	85	6 39 03 152 01 8

Z-bend, with adjustable depth stop, pack of 2.



Cut length mm	Total length mm	Order number
32-46	110	6 39 03 195 01 0

Automotive workshop accessories

Cut out fixture

For removing rear or side windows without damaging the moulded sealing lip. For VW Golf III and VW Polo as from the 1995 model, Lupo, Passat V Combi, boot lid. Consisting of: 1 guide block and 2 cutter blades (form 197, 113).



Order number	Order number
9 06 07 003 01 3	

Cutter blade, straight

Bent, Z-bend, as additional purchase for cut-out fixture 9 06 07 001 01 6, pack of 2.



Order number	Order number
6 39 03 197 01 7	

Depth stop

Depth stop for HSS and E-Cut saw blades.



Order number	Order number
3 21 27 069 01 0	

Saw blades

HSS, with fine teeth for precise cutting. Universal suitability for sheet metal of up to approx. 1 mm, also doubled, and plastics.



Ø mm	Order number
63	6 35 02 102 01 6
80	6 35 02 103 01 0

HSS, stepped, countersunk clamping screw for flush working, pack of 1.



Ø mm	Order number
85	6 35 02 145 01 8
100	6 35 02 137 01 6

HSS, stepped and segmented for flush working into the corners, pack of 1



Ø mm	Order number
100	6 35 02 180 01 0

M-Cut saw blade

For making cuts, cut-outs and recesses in sheet metal or plastic, pack of 2.



width mm	length mm	Order number
30	50	6 35 02 138 01 4

M-Cut saw blade, narrow

For making cuts, cut-outs and recesses for switches and special installations in sheet metal, plastic, GRP and CFRP, pack of 2.



width mm	length mm	Order number
10	50	6 35 02 158 01 0

Carbide file, narrow

For deburring and filing in fibreglass, CFRP, plastics and wood.



Width mm	Qty.	Order number
12	2	6 37 06 018 01 0

E-Cut Universal saw blades

With bimetal teeth, stepped, precise cut-outs in sheet metal, plastics and all wood types for special installations such as navigation devices, screens, DVD players, amplifiers and speakers.
length 60 mm.



Width mm	Qty.	Order number
28	1	6 35 02 147 01 5
44	1	6 35 02 148 01 3

Width mm	Qty.	Order number
28	5	6 35 02 147 02 1
44	5	6 35 02 148 02 9

Cutting paste

Lubricant for working with sheet metal materials.



Order number	3 21 32 020 12 9
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Cutter blade, straight

Suited to round cut-outs in plastics. Toothed, pack of 2.



Cut length mm	Total length mm	Order number
35	56	6 39 03 073 01 1

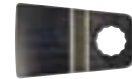
Suitable for removal of chassis attachment parts.
Z-bend, toothed, pack of 2.



Cut length mm	Total length mm	Order number
60	120	6 39 03 081 01 3

Stopper knives

For removing coverings and coatings, such as underseal, adhesive residue etc., pack of 2.



Order number	6 39 03 227 01 0
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Adapter for FEIN SUPERCUT without QuickIN

Needed to hold accessories with a round holder for rasping, sanding and polishing.



Order number	3 06 05 114 01 1
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Adapter for FEIN SUPERCUT with QuickIN

Needed to hold accessories with a round holder for rasping, sanding and polishing.



Order number	6 37 33 005 01 0
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Sanding pad set

Pack of 2, non-perforated.



Order number	6 38 06 129 02 6
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Sanding sheet set

Consisting of: sanding sheets, 10 of each, non-perforated, with hook and loop fastening, grit 60, 80, 120, 180, 240.



Order number	6 37 17 082 03 3
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FEIN offers an extensive range of sandpaper. For detailed information, please consult your FEIN specialist dealer.

Cutter blade, mushroom-shaped

For cutting silicone and soft putty material and for separating insulation glass units, pack of 5.



Order number	6 39 03 128 01 2
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Cargo accessories

Cutter blade, straight

Toothed, pack of 2.



Cut length mm	Total length mm	Order number
35	56	6 39 03 073 01 1

Z-bend, pack of 2.



Cut length mm	Total length mm	Order number
60	120	6 39 03 216 01 7

Z-bend, toothed, pack of 2.



Cut length mm	Total length mm	Order number
60	120	6 39 03 081 01 3

Angle cutter, pack of 2.



Cut length mm	Total length mm	Order number
65/8	85	6 39 03 177 01 9
38/20	45	6 39 03 203 01 3

Cutter blade, curved

Z-bend, pack of 2.



Cut length mm	Total length mm	Order number
45	80	6 39 03 072 01 7

Cutter blade, L-shaped

Toothed, pack of 2.



Cut length mm	Order number
25.4	6 39 03 207 01 2
38	6 39 03 209 01 4

Cutter blade, U-shaped

With elongated bar, pack of 2.



Cut length mm	Order number
40	6 39 03 156 01 7

Hook-shaped

Toothed, pack of 2.



Cut length mm	Order number
38	6 39 03 217 01 1

Segment blade

Pack of 2.



Cut length mm	Total length mm	Order number
30	73	6 39 03 132 01 0

Traction cable

With handle. Recommended for use when making separating cuts from the outside with the L-shaped or hook-shaped cutter blade. Easier working with less effort when cutting out windows from buses and trucks and in problem areas on rail vehicles.



Order number	9 26 02 030 01 4
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Work gloves

Vibration-absorbing, certified in accordance with EN 388/420, EN ISO 10819, EEC No. 0200, 1 pair.



Size	Order number
9 L	3 21 73 003 00 3
10 XL	3 21 73 004 00 1
11 XXL	3 21 73 005 00 5

Bail handle

For reducing vibrations and for better handling of the FEIN SUPERCUT during longer jobs.



Order number	3 21 19 116 01 1
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Accessories for removing residual adhesive

Scraper blade

Shovel-shaped, with scrape protection coating, pack of 2.



Cut length mm	Total length mm	Order number
12	64	6 39 03 129 05 0
18	65	6 39 03 146 01 8
25	64	6 39 03 105 01 9

With cross cut and scrape protection coating on the face end stop, pack of 2.



Cut width mm	Order number
13	6 39 03 113 01 6
25	6 39 03 131 01 7

With cross cut, pack of 2.



Cut width mm	Order number
13	6 39 03 144 01 1

Scraper blade set

Consisting of: 1 of each scraper blade, shovel-shaped, with scrape protection coating (form 129/105).



Order number	6 39 03 129 01 6
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Consisting of: 1 each of scraper blade with cross cut and scrape protection coating on the face end stop (form 113/131).



Order number	6 39 03 113 02 2
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The blades are supplied as a pack of 2.

European Patent No 0 141 035 and 0 147 427. Japan Utility Model No 1756 638 and 1817 594. USA Patent No 4,543,720 and 4,700,478.

Accessories for AFSC 18

Battery

Li-ion 18 V, 2.4 Ah with charge monitoring display.



1 item	
Order number	9 26 04 124 02 0

Rapid charger ALG 30

for Li ion batteries.



1 item	
Order number	9 26 04 096 01 0

DUSTEX accessories

Filter bag for DUSTEX 25



Standard version, 5 items	
Order number	3 13 22 781 01 7

Extra fine version, 5 items	
Order number	3 13 22 757 01 6

Filterpatrone für DUSTEX 25



Order number	3 13 22 765 00 9
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Filter bag for DUSTEX 40



Standard version, 5 items	
Order number	3 13 22 810 01 0

Extra fine version, 5 items	
Order number	3 13 22 811 01 0

Filter cartridge for DUSTEX 40



Order number	3 13 22 765 00 9
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Accessori generici

Carter di protezione cambio utensile

Per la sostituzione sicura degli utensili sul SuperCut con QuickIN aprendo e chiudendo la leva di serraggio.



Order number	3 21 74 011 00 0
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Pietra di affilatura

Per affilare i coltelli prima dell'uso al fine di ottenere un taglio ottimale.



Order number	6 37 19 010 01 4
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Mobile work with outstanding results: with FEIN Li ion technology.

FEIN lithium-ion batteries and FEIN motors offer the perfect partnership of low weight and high performance. Their extremely long service lives are the result of individual cell monitoring, which protects the batteries from overload, overheating and total discharge, and the particularly efficient charging procedure.

The benefits:

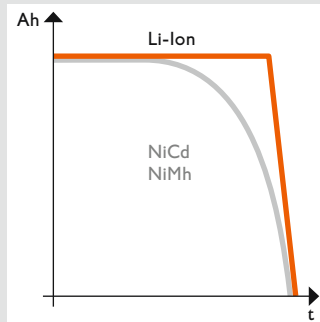
- ▶ High-performance working with 18 V batteries.
- ▶ Long life thanks to A and B quality class battery cells and individual cell monitoring.
- ▶ Safe working as the cells are able to handle high currents and the electronic protection include an emergency stop function.
- ▶ The FEIN batteries are compatible with one another.

Short charge time



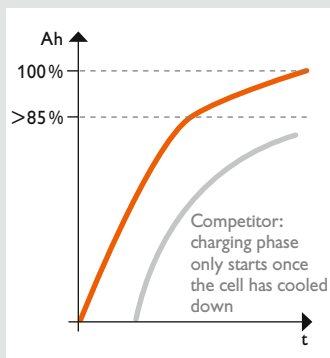
Quick and efficient: the quick charger charges the battery in 25 minutes. For continuous working.

Constant power



Powerful from the first cut to the last: the new FEIN lithium-ion technology delivers constant power until the battery is completely flat.

Low heat build-up



Shortened charge time: high-quality battery cells with low internal resistance reduce heat build-up and the battery doesn't have to be cooled at outdoor temperatures of up to 45°C.

Integrated working



Convenient querying at the touch of a button: the capacity display indicates the battery's charge status.

Endurance and power



For peak and permanent loading: the battery pack contains 10 high-quality Li-ion cells and features a double-row design. The battery cells used are designed for high discharge currents.

Individual cell monitoring



Thanks to the sophisticated electronics, all cells are individually monitored and therefore reliably protected from overload, overheating and total discharge.

More performance, more quality and more durability. More from FEIN.

Glass removal systems from FEIN equip you perfectly for any eventuality. Guarantee outstanding performance, quality and durability for all your areas of work. For example with battery-powered drills, sanders / polishers and wet and dry dust extractors from FEIN. Your specialist dealer will be happy to help.

FEIN cordless drill ABOP

Unique endurance and power – with no cable. For maximum precision and speed even under complicated circumstances.



FEIN dust extractors DUSTEX 25 + 40

Powerful wet and dry extractor for connecting to power tools when working in the workshop and for assembly work.

- ▶ 1 FEIN DUSTEX 25
- ▶ 1 5 m suction hose
- ▶ 1 adapter for FEIN power tools
- ▶ 1 universal power tool adapter (for other manufacturers)
- ▶ 2 extension tubes, plastic
- ▶ 1 each of crevice nozzle, upholstery nozzle, floor nozzle
- ▶ 1 filter bag



Order number

9 20 2 2

FEIN angle polisher

Extremely powerful, even at low speeds – for polishing glass or painted surfaces.



- ▶ 1 FEIN DUSTEX 40
- ▶ 1 5 m suction hose
- ▶ 1 adapter for FEIN power tools
- ▶ 1 universal power tool adapter (for other manufacturers)
- ▶ 2 extension tubes, metal
- ▶ 1 each of crevice nozzle, upholstery nozzle, liquid nozzle, high-quality floor nozzle for carpets or hard floors
- ▶ 1 filter bag



Order number

9 20 2 3

**FEIN. Unverwüstliche
Elektrowerkzeuge.**



FEIN – the specialist for durable power tools.

FEIN is the specialist for professional and extremely reliable power tools and special application solutions in the metal, interior and automotive sectors. As the inventor of the electric hand drill, FEIN has been developing innovative and unbeatably efficient solutions for everyday use which can also stand up to the toughest continuous use in industry and trade for over 140 years.



Make the most of the 3-year FEIN PLUS warranty

We offer the 3-year FEIN PLUS warranty for all your FEIN power tools. All you need to do is register your new FEIN power tool at www.fein.com/warranty within 6 weeks of purchase.

If you have any further questions, your specialist dealer will be happy to help.

DE: C. & E. FEIN GmbH, Telefon 07173 183-0, www.fein.com

Asia: FEIN Power Tools Asia Limited, A1, Phone 2341-1026, www.fein.hk

AU: FEIN Power Tools Pty. Ltd., Phone 1300 798 688, www.fein.com.au

IN: FEIN Power Tools India Pvt. Ltd., Phone 044-43 578 680, www.fein.in

UK: FEIN Industrial Power Tools UK Ltd., Phone 01327 308730, www.fein-uk.co.uk

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