

► AUTOMOTIVE

FEIN. Unverwüstliche
Elektrowerkzeuge.



Fast and efficient glass removal system.

SUPERWIRE and SUPERCUT – the perfect solution for all vehicle glass.



**BRAND NEW
PRODUCT!
FEIN SUPERWIRE**

Reliably overcome every glass removal challenge.

As the inventor of the electric hand drill, FEIN has set engineering standards since 1867. The FEIN SUPERCUT has proven itself as a reliable vehicle glass removal tool since 1984. With the SUPERWIRE, FEIN now presents the world's first system for motorized vehicle glass removal in one step.

With SUPERWIRE and SUPERCUT, you are perfectly equipped for all glass removal work – from simple cars to complex industrial applications for trucks, buses and rail vehicles. FEIN's systems make your work easier and safer, and, with a comprehensive accessory range, considerably more efficient.



Your benefits:

- ▶ Two systems for practically all glass removal work.
- ▶ 30 years of experience and expertise in glass removal systems.
- ▶ Premium, industrial quality components made in Germany.
- ▶ Robust, enduring construction.
- ▶ Comprehensive accessory range for special and ancillary applications.

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FEIN SUPERWIRE – the innovation. Safe glass removal without repositioning.

The FEIN SUPERWIRE is a truly brand new product; for the first time, the system enables easy glass removal without repositioning. The SUPERWIRE features outstandingly comfortable handling, precision, speed and versatility in daily use. The system is suitable for practically all vehicle glass, and guarantees assured work results without vehicle body damage.

Procedure:

- ▶ Easy glass removal without repositioning the SUPERWIRE.
- ▶ Even usable on tightly curved glass and narrow gaps.
- ▶ High-strength round wire even cuts double adhesive beads.
- ▶ Robust gearbox and motor unit with slip clutch.
- ▶ Removal of 40–60 windows with one battery charge.



Wire holders

The four wire holders on the guide rollers prevent wire slippage and ensure uninterrupted work.

Control unit

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

Slip clutch

The SUPERWIRE has a slip clutch, which can prevent wire breakage due to overloading.

Telescope

The glass removal unit can be adapted to different window types with the extendable, rotating telescopes. The telescope rods can simply be removed for special applications.

Anti-Metal-Cut System

The system warns with an acoustic signal before the wire is able to damage the body. Activation is carried out using a special cable (accessory).



Easy glass removal by means of standardized procedure.

The removal of windshields with the SUPERWIRE is standardized such that the system does not need to be repositioned or moved. The high-strength wire in combination with the high torque, high power motor reliably cuts through even very wide or double adhesive beads. In the process, the slip clutch protects against wire breakage.

Your benefits:

1. Place SUPERWIRE on the window.
2. Secure the telescopic arms in the top right corner and above the dashboard at the bottom left.
3. After inserting the cutting wire, pull it into the interior with the remote control. The cutting forces are transferred evenly to the window, so the window is not excessively stressed during removal.

Easy handling



The SUPERWIRE is easily mounted and operated. The unit is not repositioned during the entire process of glass removal. This ensures that the work does not need to be interrupted.

Fast and comfortable



Thanks to motor power, the SUPERWIRE can be operated effortlessly by remote control from the interior or exterior.

Highly adjustable



The telescoping arms are highly adjustable and therefore suitable for both side and rear windows as well as tightly curved windshields.

Low rear windows



For low rear windows, such as those in station wagons, the SUPERWIRE is mounted horizontally.

Small side windows



By removing the telescoping unit and installing the guide rollers directly on the drive unit, small side windows can also be removed without repositioning.

Large side windows



Easy removal of larger side windows without any repositioning. Always begin insertion of the wire at the top right.

Curved windows



If a suction cup does not stick to the window because of window curvature, installing the vacuum ring can compensate.

Glass removal in special cases – trucks and cars.

Even large truck windshields and car rear windows that have only restricted access can be removed with the SUPERWIRE – although repositioning then becomes necessary.

For safe removal of truck windows, the SUPERWIRE with telescoping arms is repositioned once.

When removing special car windows such as small side windows or curved rear windows in coupes or sedans, the telescoping outriggers are simply removed. The SUPERWIRE then must be repositioned as required. In most cases, a single repositioning is quite sufficient.

With the FEIN Professional Set Commercial Vehicle (pages 18/19), you are perfectly equipped, even for larger challenges.

Truck windshields



Truck windows can be safely removed with a single repositioning of the SUPERWIRE. The removal starts on the right side of the vehicle. This allows the window to be cut out to approximately the middle of the headliner. Then the SUPERWIRE must be moved to the left side.

Car windshields and rear windows with repositioning



If the SUPERWIRE cannot be mounted with the telescoping arms, it must be repositioned once. After insertion of the wire, the SUPERWIRE is attached at the top right. The window is cut out as far as the upper edge and the SUPERWIRE is then moved to the left in order to cut out the remainder of the window.

Workshop tips and tricks.

Glass removal is already highly efficient with the SUPERWIRE. We have gathered a few tips on this page so you can work even more easily, faster and more safely.

Determining of wire length



For the wire length, 5–6 times the overall width of the lower window edge is sufficient. A corresponding wire length of 2–2.5 times the interior width of the vehicle must be pulled into the interior using the awl.

Threading the wire



The wire is simply rolled under the molding. This way it is not damaged during removal and the window can be used again.

Anti-Metal-Cut for maximum safety



The Anti-Metal-Cut system is activated with the available accessory cable. The system warns with an acoustic signal before the wire can damage the body.

Use of metal pins



If the window extends over the body flange, use of metal pins is recommended so the wire is against the glass when cutting.

Safeguarding with a suction lifting handle



In rare cases the telescoping arm can slip on the window. This can be avoided with a normal suction lifting handle.

Wire always visible



With help of the LED illumination in the remote control and the transparent covers, the cutting wire route can be continuously tracked.

Overview of SUPERWIRE and accessories.

With the FEIN SUPERWIRE your workshop is perfectly equipped to safely and comfortably carry out car glass removal, even with narrow gaps. The system is available with or without batteries. The comprehensive accessory range enables numerous additional applications.

Your benefits:

- ▶ Brushless, maintenance-free motor.
- ▶ Remote control with LED illumination and 4.9 ft (1.5 m) cable.
- ▶ Slip clutch prevents wire breakage.
- ▶ Reel speed 0–40 rpm.
- ▶ Weight approx. 13.2 lbs (6 kg).
- ▶ 984 ft (300 m) wire.

SUPERWIRE with battery and charger



- ▶ 1 FEIN SUPERWIRE ADAS 18 in a plastic carrying case
- ▶ 1 rapid charger ALG 50
- ▶ 1 18-volt lithium-ion battery
- ▶ 984 ft (300 m) wire
- ▶ 1 starter awl
- ▶ 10 metal pins
- ▶ 1 plastic cover large
- ▶ 1 plastic cover small
- ▶ 1 vacuum ring

Order number

7 144 01 61

SUPERWIRE without battery and charger



- ▶ 1 FEIN SUPERWIRE ADAS 18 in a plastic carrying case
- ▶ 984 ft (300 m) wire
- ▶ 1 starter awl
- ▶ 10 metal pins
- ▶ 1 plastic cover large
- ▶ 1 plastic cover small
- ▶ 1 vacuum ring

Order number

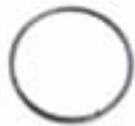
7 144 01 62



SUPERWIRE accessories

Cutting wire

High-strength cutting wire, 984 ft (300 m) 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

Rechargeable battery

Rechargeable lithium-ion battery, 18 volt, 3 Ah with charge indicator.



Order number 9 26 04 155 02 0

Protective cover

Small protective cover between vehicle trim and wire.

Order number 3 21 74 013 20 0

Protective cover

Large protective cover between dashboard and wire.

Order number 3 21 74 013 10 0

Vacuum ring set

For conversion of 4.7" (120 mm) suction cups for a secure hold on curved windows.



Order number 3 02 40 308 01 0

Anti-slip mat

For protection of add-on parts.



Order number 3 14 26 067 01 6

Rapid charger

ALG 50: for lithium-ion batteries.



Order number 9 26 04 129 01 0

Anti-Metal-Cut Set

Gives a warning signal if the wire contacts the body.



Order number 6 42 04 002 01 0

Metal pins

Wire guide for the underside of the windshield.



Order number 3 02 29 347 01 0

FEIN SUPERCUT. Maximum performance and quality – not only for glass removal.

The FEIN SUPERCUT is the only oscillating power tool with performance completely oriented toward heavy sawing and cutting work – ideal not only for glass removal but also numerous other applications in the automotive field (see below). Now you can go cordless and still benefit from all the advantages of the FEIN SUPERCUT – with the same high performance. Thanks to lithium-ion technology,

the batteries are not subject to memory effects. With two included batteries and state-of-the-art battery and charging technology, uninterrupted operation is assured, even under the toughest continuous loading. No matter whether the tool is cordless or corded, with the AFSC, you have the most flexible, best performing, oscillating power tool with enduring quality.



Speed control

Electronic speed control with tach generator for maximum speed uniformity under load.

Rapid-clamping system

Patented QuickIN fast change system for convenient, easy tool changes without a wrench.

Metal gear head

Robust gear enclosure for long service life, even under extreme conditions.

Oscillation

Maximum work progress due to constant oscillations.

Tool holder

Hexagonal accessory mount for optimal connection and torque transfer.

Your benefits:

- ▶ The only oscillating power tool for heavy sawing and cutting work.
- ▶ Solid metal and precision-cast parts.
- ▶ Same high working speed with both cordless and corded models.
- ▶ Uninterrupted operation, even under continuous loading.

Very flat gear head.



The corded version of the FEIN SUPERCUT is also available without the QuickIN rapid clamping system. The flatter gear head makes it possible to access even hard-to-reach locations.



Lithium-ion battery

18-volt lithium-ion rechargeable battery for lasting performance.

Cable

Industrial quality, 16 ft (5 m) cable for large operating radius.

High-performance motor

Durable and extremely resilient high-performance motor for unrivaled power.

Ergonomics

Easy to handle due to ergonomic design. For practically fatigue-free operation.

Customized for professionals: the FEIN Professional Set Auto Glass.

Fast, reliable and cost-effective: with the FEIN SUPERCUT, glass can be removed from the outside by one person – usually in only two minutes, without extensive manual work, but with minimum effort and enormous time and cost savings. The high-performance FEIN Professional Set Auto Glass is precisely matched to the wide variety of tasks in auto glass, auto workshop or commercial vehicles. Thus it is part of the indispensable basic equipment of every professional user.

Your benefits:

- ▶ Independent operation with high-performance lithium-ion rechargeable batteries.
- ▶ Removal of bonded windows from the outside by one person is also possible.
- ▶ Time requirement for car windshields is usually less than two minutes.
- ▶ Long service life of original FEIN cutter blades.
- ▶ Suitable for almost all vehicle types.

Complete Professional Set contents at a glance.

Professional Set Auto Glass Cordless



You can find the complete selection of FEIN Professional Set Auto Glass accessories on page 24.

- ▶ 1 FEIN SUPERCUT AFSC 18 Cordless in a plastic carrying case
- ▶ 3 L-shaped cutter blades, toothed (type 207)
- ▶ 2 L-shaped cutter blades, toothed (type 208)
- ▶ 1 L-shaped cutter blade, toothed (type 209)
- ▶ 2 U-shaped cutter blades, heavy duty version (1 type 157 and 1 type 111)
- ▶ 2 U-shaped cutting blades, heavy duty version, toothed (type 212)
- ▶ 1 straight Z-bend cutter blade with adjustable depth stop (type 143)
- ▶ 1 straight cutter blade, Z-bend, toothed (type 081)
- ▶ 1 protective cover for tool changes
- ▶ 1 sharpening stone
- ▶ 2 rechargeable batteries
- ▶ 1 rapid charger

Order number

7 136 02 56

Professional Set Auto Glass



You can find the complete selection of FEIN Professional Set Auto Glass accessories on page 24.

- ▶ 1 FEIN SUPERCUT FSC 1.6 Q in a plastic carrying case
- ▶ 3 L-shaped cutter blades, toothed (type 207)
- ▶ 2 L-shaped cutter blades, toothed (type 208)
- ▶ 1 L-shaped cutter blade, toothed (type 209)
- ▶ 2 U-shaped cutter blades, heavy duty version (1 type 157 and 1 type 111)
- ▶ 2 U-shaped cutting blades, heavy duty version, toothed (type 212)
- ▶ 1 straight Z-bend cutter blade with adjustable depth stop (type 143)
- ▶ 1 straight cutter blade, Z-bend, toothed (type 081)
- ▶ 1 protective cover for tool changes
- ▶ 1 sharpening stone

Order number

7 236 42 56

Windshield removal



Extremely fast cutting: the type 207 L-shaped blade has an approximately 40% better cutting performance than a comparable U-shaped blade at the same speed setting. This is a great benefit when removing windshields from the outside. Recommended speed: setting 3–4.

Cut out windows



Encapsulated windshields and molded frames, including those with aluminum reinforcement, can be removed in one step using the L-shaped blade. Recommended speed: setting 3–4.

Glass removal below hood level



The heavier U-shaped blade is used for glass removal below hood level. Recommended speed: setting 3–4.

Windshield removal from the interior



If the gap between glass and auto body is less than 1/2" (3 mm), the windshield must be cut out from the interior using a straight blade. Recommended speed: max. setting 3.

Removal of a side / rear window



Encapsulated side and rear windows can be removed from the inside using L-shaped blades in three different lengths up to 1 1/2" (38 mm).

Sharpen blades



Included in accessories: the sharpening stone for a lasting, fast and optimum cut. Recommended speed: setting 1–2.

Universal use for glass removal and auto bodies: the FEIN Professional Set Automotive Workshop.

Body repairs are among the most frequent work in the automotive workshop. Everything that professionals need is assembled in the versatile FEIN Professional Set Automotive Workshop. For glass removal, cutting plastics, sawing metal, sanding, rust removal, welding preparation and many additional applications. It's perfect as a starter kit or extension to the Auto Glass kit, and indispensable when it comes to auto body repair.

Your benefits:

- ▶ Recommended by leading automakers.
- ▶ Prevents glass and paint damage.
- ▶ High-performance bodywork without flying sparks.
- ▶ Easy removal of underseal or auto body parts.
- ▶ Removal of bonded windows by one person.
- ▶ Universal outfit for glass and bodywork applications.

Complete Professional Set contents at a glance.

Professional-Set Automotive Workshop



- ▶ 1 FEIN SUPERCUT FSC 1.6 Q in a plastic carrying case
- ▶ 2 U-shaped cutting blades, short arm (type 076)
- ▶ 2 U-shaped cutter blades, short leg (1x type 079 and 1x type 101)
- ▶ 2 L-shaped cutter blades, toothed (type 207)
- ▶ 1 L-shaped cutter blade, toothed (type 208)
- ▶ 1 U-shaped cutting blade, heavy duty version, toothed (type 157)
- ▶ 1 straight Z-bend cutter blade with adjustable depth stop (type 143)
- ▶ 1 shovel-shaped scraper blade with scratch prevention coating (type 129)
- ▶ 1 HSS saw blade (80 mm dia.)
- ▶ 1 protective cover for tool changes
- ▶ 1 rigid scraper blade for removal of underseal
- ▶ 1 sharpening stone

You can find the complete selection of FEIN Professional Set Automotive Workshop accessories on pages 24 / 25.

Order number

7 236 42 55

Glass removal below hood level



The U-shaped blades are used for glass removal below hood level. Recommended speed: setting 3–5.



Windshield removal



With the L-shaped blade, you get approximately 40% better cutting performance than with a comparable U-shaped blade operating at the same speed. Damage to the auto body is practically excluded. Recommended speed: setting 3–4.

Cut out windows



Encapsulated windshields and molded frames, including those with aluminum reinforcement, can be removed in one step using the L-shaped blade. Recommended speed: setting 3–4.

Removal of a side / rear window



Side and rear windows are easily and quickly removed from the interior using the type 143 cutter blade and the adjustable depth stop. Recommended speed: max. setting 3.

Remove adhesive residue



You can remove adhesive residue quickly, easily and effortlessly with the scraper blade. Recommended speed: setting 2–3.

Remove underseal or carpeting



Remove underseal and stone damage protection easily and quickly with the rigid scraper blade. This allows repair locations to be exposed easily and tow hitches to be bolted directly to the frame. Recommended speed: setting 2–4.

Sawing with the auto body saw



With the HSS saw blade, you can cut auto body sheet metal up to 1/32" (1 mm) speedily and spark free as well as most plastics and GRP. The kerf is a mere 1/64" (0.5 mm). Not suitable for high-tensile body sheet metal. Recommended speed: setting 3–5.

Specializing in bigger challenges: the FEIN Professional Set Commercial Vehicle.

Replacing windows is one of the most common applications on trucks, buses and trains. The windows – and the challenges – are bigger. With the FEIN Professional Set Commercial Vehicle especially for commercial vehicle applications, you are perfectly equipped and can remove rigidly bonded windows from trucks, buses and rail vehicles with greater ease and at a considerably higher speed. It is no accident that the FEIN Professional Set Commercial Vehicle is recommended by the majority of bus and truck manufacturers.

Your benefits:

- ▶ Maximum performance for the extreme loading found in the commercial vehicle arena.
- ▶ Recommended by leading automakers.
- ▶ Removal of bonded windows by one person.
- ▶ FEIN accessories for special applications.

Complete Professional Set contents at a glance.

Professional Set Commercial Vehicle



- ▶ 1 FEIN SUPERCUT FSC 1.6 Q in a plastic carrying case
- ▶ 2 straight cutter blades, toothed (type 073)
- ▶ 2 straight cutter blades, Z-bend, toothed (type 081)
- ▶ 1 hook-shaped cutter blade, toothed (type 217)
- ▶ 1 curved cutter blade, Z-bend (type 072)
- ▶ 3 L-shaped cutter blades, toothed (2 type 207), (1 type 209)
- ▶ 1 U-shaped cutter blade, toothed (type 212)
- ▶ 1 shovel-shaped scraper blade with scratch prevention coating (type 105)
- ▶ 1 pull cable with attachment
- ▶ 1 depth stop
- ▶ 1 sharpening stone
- ▶ 1 protective cover for tool changes

You can find the complete selection of FEIN Professional Set Auto Glass accessories on pages 25 / 26.

Order number

7 236 42 57

V cut from the exterior



Joint fillers on bus windows must be removed with a V cut before the window can be removed. The straight type 073 cutter blade is ideal for this due to its very rapid cutting ability. Recommended speed: setting 3–5.

Cutting out large windows



Even very large windows can be cut out from the interior using a type 081 cutter blade. Recommended speed: setting 3–5.



Difficult access made easy



The heavy-duty type 217 blade is ideal for difficult-to-reach areas such as those under sunshades or advertising panels on buses. Recommended speed: setting 4–5.

Window removal



Type 207 and 209 L-shaped blades come into use on truck and bus windows with limited space between glass and frame. They will also cut through fixed strips easily and quickly. Recommended speed: setting 4–5.

Increase pulling power



The pull cable and attachments are ideal for increasing pulling power.

Remove adhesive residue



You can remove adhesive residue easily, neatly and quickly with the scraper blade – even in difficult-to-reach locations.

Remove cover panels



The type 081 and 216 straight blades remove cover strips neatly, safely, and quickly. In most cases, this allows the strips to be reused. Recommended speed: setting 3–5.

Cut out side windows



The curved type 072 cutter blade is ideally suited to cutting out side windows from the interior. Recommended speed: setting 3–4.

More possibilities, higher performance: the FEIN SUPERCUT Accessories.

The accessories for the FEIN SUPERCUT were specially developed for all typical applications in the auto glass, car and commercial vehicle fields and are continuously optimized. FEIN works closely with professional users to give you the performance, reliability, user-friendliness and durability that you need.

Glass removal



The 1" (25.4 mm) type 207 and 3/4" (19 mm) type 208 length-shaped blades are used on narrow gaps (min. 3/32"/3mm). The short shape can avoid the need to remove interior pillar trim.

Sanding



By changing tools for pinpointed accurate sanding, you can handle small repairs like rust, stone impact or paint damage effortlessly, even in difficult-to-reach auto body locations. The sanding pad set and adapter bring you further benefits on machines with or without QuickIN.

Sawing



The E-CUT saw blades with bimetal teeth are perfect for auto work on curves or difficult-to-reach locations during repairs and installation of navigation equipment during vehicle modification.

Cutting



The type 081 toothed straight cutter blade is ideal for removal of glued plastic and add-on parts such as trim or body molding. The type 073 cutter blade is perfect for subsequent cutouts such as those in plastic bumpers.

Cut sheet metal



You can quickly cut normal auto body sheet metal up to 1/32" (1 mm) thickness as well as rigid plastic parts and GFRP with the HSS saw blades. The kerf is only 1/64" (0.5 mm) wide. Additional advantages: spark free cutting and customized plunge cut depths in the material.

Scrape off underseal



Remove underseal and stone damage protection easily and quickly with the rigid scraper blade. Repair locations are easily exposed and tow hitches can be attached directly to the frame. Interior carpet, soundproofing and insulation can be easily removed.

Your benefits:

- ▶ Applications such as sawing that are only possible with the FEIN SUPERCUT.
- ▶ Makes work easier on complicated applications.
- ▶ Versatile Professional Set versions and accessories.
- ▶ Accessories compatible with all FEIN SUPERCUT models.

Separation of insulating glass



The mushroom-shaped cutter blade separates bus and rail vehicle insulating glass panes effortlessly and quickly. It can also be used to easily remove adhesive residue from glass.

Remove windows in VW vehicles



On some VW models the side and rear windows are equipped with glued-in frames. FEIN provides the answer to damage-free window removal on VW Passat wagons up to 2004, VW Polos up to 2001, Lupo, Seat and VW Golf III models.

Cutting GRP



Cutouts in GRP and other resin-based materials can be precisely executed with the wide or narrow M-CUT HSS saw blades.

Finishing cutouts



The carbide file is ideal for finishing cutouts in difficult-to-reach locations; it handles plastics, composite materials and wood effortlessly.

Rabbit-glued windows



Windows glued into rabbets or U-shaped moldings can be cut out with the type 177 cutter blade which has an angled $\frac{5}{16}$ " (8 mm) cutting edge and can even cut along edges. Excellent for bus and rail vehicle windows.

Special accessory



The new accessory range is also suitable for other tasks. For example, the light and windshield washer sensors frequently found in modern vehicles can easily be removed with the mushroom-shaped blade. Recommended speed: setting 2-3.

Clearly arranged: All SUPERCUT tools and kits at a glance.

Technical specifications		FSC 1.6	FSC 1.6 Q	AFSC 18
Technical specifications		 <p>The high-performance system for removal of car, truck, bus and rail windows.</p>	 <p>The high-performance system with QuickIN for removal of car, truck, bus and rail windows.</p>	 <p>The high-performance cordless system with QuickIN for car glass removal.</p>
Power consumption	W	400	400	–
Power output	W	220	220	–
Battery voltage	V	–	–	18
Battery capacity	Ah	–	–	2.4
Oscillations	per min.	11,000–18,500	11,000–18,500	11,000–18,500
Range	degrees	3.2	3.2	3.4
Cable with plug	ft (m)	16.4 (5)	16.4 (5)	–
Weight	kg (lbs)	2.75 (1.25)	3.2 (1.45)	4.4 (2.0)
Drive head height	in (mm)	2 ³ / ₁₆ (55)	3 ¹ / ₈ (80)	3 ¹ / ₈ (80)
Tool change		5 mm Allen key	QuickIN	QuickIN
Order number		7 236 31 50	7 236 42 50	7 136 02
Set includes:		FEIN SUPERCUT FSC 1.6 in a plastic carrying case; 1 sharpening stone; 1 Allen key	FEIN SUPERCUT FSC 1.6 Q in a plastic carrying case; 1 sharpening stone; 1 protective cover	FEIN SUPERCUT AFSC 18 in a plastic carrying case; 2 rechargeable batteries; 1 rapid charger; 1 sharpening stone; 1 protective cover

Professional Set Auto Glass Cordless



- ▶ 1 FEIN SUPERCUT AFSC 18 Cordless in a plastic carrying case
- ▶ 3 L-shaped cutter blades, toothed (type 207)
- ▶ 2 L-shaped cutter blades, toothed (type 208)
- ▶ 1 L-shaped cutter blade, toothed (type 209)
- ▶ 2 U-shaped cutter blades, heavy duty version (1 type 157 and 1 type 111)
- ▶ 2 U-shaped cutting blades, heavy duty version, toothed (type 212)
- ▶ 1 straight Z-bend cutter blade with adjustable depth stop (type 143)
- ▶ 1 straight cutter blade, Z-bend, toothed (type 081)
- ▶ 1 protective cover for tool changes
- ▶ 1 sharpening stone
- ▶ 2 rechargeable batteries
- ▶ 1 rapid charger

Order number

7 136 02 56

Professional Set Auto Glass



- ▶ 1 FEIN SUPERCUT FSC 1.6 Q in a plastic carrying case
- ▶ 3 L-shaped cutter blades, toothed (type 207)
- ▶ 2 L-shaped cutter blades, toothed (type 208)
- ▶ 1 L-shaped cutter blade, toothed (type 209)
- ▶ 2 U-shaped cutter blades, heavy duty version (1 type 157 and 1 type 111)
- ▶ 2 U-shaped cutting blades, heavy duty version, toothed (type 212)
- ▶ 1 straight Z-bend cutter blade with adjustable depth stop (type 143)
- ▶ 1 straight cutter blade, Z-bend, toothed (type 081)
- ▶ 1 protective cover for tool changes
- ▶ 1 sharpening stone

Order number

7 236 42 56

Professional Set Automotive Workshop



- ▶ 1 FEIN SUPERCUT FSC 1.6 Q in a plastic carrying case
- ▶ 2 U-shaped cutting blades, short arm (type 076)
- ▶ 2 U-shaped cutter blades, short leg (1× type 079 and 1× type 101)
- ▶ 2 L-shaped cutter blades, toothed (type 207)
- ▶ 1 L-shaped cutter blade, toothed (type 208)
- ▶ 1 U-shaped cutting blade, heavy duty version, toothed (type 157)
- ▶ 1 straight Z-bend cutter blade with adjustable depth stop (type 143)
- ▶ 1 shovel-shaped scraper blade with scratch prevention coating (type 129)
- ▶ 1 HSS saw blade (80 mm dia.)
- ▶ 1 rigid scraper blade
- ▶ 1 protective cover for tool changes
- ▶ 1 sharpening stone

Order number

7 236 42 55

Professional Set Commercial Vehicle



- ▶ 1 FEIN SUPERCUT FSC 1.6 Q in a plastic carrying case
- ▶ 2 straight cutter blades, toothed (type 073)
- ▶ 2 straight cutter blades, Z-bend, toothed (type 081)
- ▶ 1 hook-shaped cutter blade, toothed (type 217)
- ▶ 1 curved cutter blade, Z-bend (type 072)
- ▶ 3 L-shaped cutter blades, toothed (2× type 207), (1× type 209)
- ▶ 1 U-shaped cutter blade, toothed (type 212)
- ▶ 1 shovel-shaped scraper blade with scratch prevention coating (type 105)
- ▶ 1 pull cable with attachment
- ▶ 1 sharpening stone
- ▶ 1 protective cover for tool changes

Order number

7 236 42 57

SUPERCUT ACCESSORIES

Auto glass accessories

U-shaped cutter blade

Ideal for glass removal below hood level.
Short leg, 2 pack.



Blade length

in	mm	Order number
3/8	10	6 39 03 083 01 0
5/8	16	6 39 03 095 01 1
5/8	16	6 39 03 108 01 4
11/16	18	6 39 03 087 01 9
3/4	19.5	6 39 03 118 01 3
7/8	22	6 39 03 115 01 8
15/16	24	6 39 03 076 01 6
11 1/16	28	6 39 03 163 01 1
1 1/4	32	6 39 03 147 01 2
1 7/16	36	6 39 03 079 01 2
1 9/16	40	6 39 03 110 01 0
3/8	60	6 39 03 101 01 0
2 3/4	70	6 39 03 155 01 4

Long leg, 2 pack.



Blade length

in	mm	Order number
11/16	18	6 39 03 127 01 4
1 1/4	32	6 39 03 114 01 4
1 1/4	32	6 39 03 191 01 1
1 3/4	45	6 39 03 154 01 0
2 1/16	52	6 39 03 153 01 2
3/8	60	6 39 03 107 01 6

Heavy duty version, 2 pack.



Blade length

in	mm	Order number
3/8	60	6 39 03 157 01 1
3 3/4	95	6 39 03 111 01 9

Heavy duty version, toothed, 2 pack.



Blade length

in	mm	Order number
3/4	19	6 39 03 210 01 6
1	25.5	6 39 03 211 01 5
1 1/2	38	6 39 03 212 01 8

L-shaped cutter blade

Toothed, 2 pack.



Blade length		Order number
in	mm	
3/4	19	6 39 03 208 01 0
1	25,4	6 39 03 207 01 2
1 1/2	38	6 39 03 209 01 4

Straight cutter blade

2 pack.



Blade length		Total length		Order number
in	mm	in	mm	
1	26	2 3/16	56	6 39 03 121 01 8
1 9/16	40	3 9/16	90	6 39 03 176 01 5
1 3/8	35	5 11/16	145	6 39 03 194 01 6

Z-bend, 2 pack.



Blade length		Total length		Order number
in	mm	in	mm	
3/4	19	2 11/16	68	6 39 03 122 01 1
1 1/16	18	3 5/16	84	6 39 03 181 01 2
	23	2 9/16	65	6 39 03 173 01 0
1	25	2 9/16	65	6 39 03 124 01 3
1 1/16	27	3 3/8	85	6 39 03 174 01 8
1 1/4	32	4 1/2	110	6 39 03 123 01 5
2 3/4	70	5	120	6 39 03 171 01 3

Curved, 2 pack.



+°	Blade length		Total length		Order number
	in	mm	in	mm	
90°	9/16	14	2 9/16	65	6 39 03 120 01 9
90°	5/8	16	3	75	6 39 03 104 01 5
50°	3/4	20	3	75	6 39 03 103 01 7
75°	3/4	20	3	75	6 39 03 109 01 8
75°	3/8	10	3	75	6 39 03 164 01 9
50°	1	25	3	75	6 39 03 172 01 6

Curved, Z-bend, 2 pack.



Blade length		Total length		Order number
in	mm	in	mm	
1 3/4	45	5	120	6 39 03 168 01 8
2 3/4	70	5	120	6 39 03 125 01 7

Z-bend with fixed depth stop,
2 pack.



Blade length		Total length		Order number
in	mm	in	mm	
5/8	16	5	120	6 39 03 099 01 0
2 5/16	58	5	125	6 39 03 097 01 8

Z-bend with adjustable depth stop,
2 pack.



Blade length		Total length		Order number
in	mm	in	mm	
5/8-1 3/4	16-43	4	100	6 39 03 143 01 3
1 1/16-1 9/16	18-39	4	100	6 39 03 170 01 4
3/4-1 3/8	20-35	4	100	6 39 03 198 01 5
3/8-3	60-76	5	120	6 39 03 169 01 2

Flat with adjustable depth stop,
2 pack.



Blade length		Total length		Order number
in	mm	in	mm	
1 9/16-3/8	42-60	5 11/16	145	6 39 03 182 01 5

Curved Z-bend with fixed depth stop,
2 pack.



Blade length		Total length		Order number
in	mm	in	mm	
2 3/16	54	5	120	6 39 03 160 01 5

Curved cutter blade

Z-bend with fixed depth stop,
2 pack.



Blade length		Total length		Order number
in	mm	in	mm	
9/16	14	3 1/8	80	6 39 03 082 01 6
5/8	16	3 1/8	80	6 39 03 133 01 4
1 9/16	39	3 3/8	85	6 39 03 152 01 8

Z-bend with adjustable depth stop,
2 pack.



Blade length		Total length		Order number
in	mm	in	mm	
1 1/4-1 3/4	32-46	4 1/2	110	6 39 03 195 01 0

Automotive workshop accessories

Removal set

For removal of rear or side windows without damage to the glued-on sealing lip. For VW Golf III and VW Polo from 1995 on, Lupo, Passat V wagon, rear hatch. Consisting of: 1 alignment guide and 2 cutting blades (types 197, 113).



Order number 9 06 07 003 01 3

Straight cutter blade

Curved, Z-bend, as extension to cutout set 9 06 07 001 01 6, 2 pack.



Order number 6 39 03 197 01 7

Depth stop

Depth stop for HSS and E-CUT saw blades.



Order number 3 21 27 069 01 0

Saw blades

HSS, with fine teeth for precise cuts. Universal use for sheet metal up to approx. 1 mm, including double thicknesses, and plastics, 2 pack.



Ø	in	mm	Order number
2 1/2	63		6 35 02 102 01 6
3 3/8	80		6 35 02 103 01 0

HSS, offset, depressed center for flush work, 1/pack.



Ø	in	mm	Order number
3 3/8	85		6 35 02 145 01 8
4	100		6 35 02 137 01 6

HSS, offset and segmented for flush work right into the corners, 1 pack.



Ø	in	mm	Order number
4	100		6 35 02 180 01 0

M-Cut saw blade

For cutouts, trimming and recesses in sheet metal or plastic, 2 pack.



Width		Length		Order number
in	mm	in	mm	
1 ³ / ₁₆	30	2	50	6 35 02 138 01 4

M-Cut saw blade narrow

For cutouts, trimming and recesses for switches and custom installations in sheet metal, plastic, GFRP and CFRP, 2 pack.



Width		Length		Order number
in	mm	in	mm	
3/8	10	1	50	6 35 02 158 01 0

Narrow tungsten carbide rasp

For deburring and filing in GFRP, CFRP, plastics, and wood, 2 pack.



Width		Order number
in	mm	
1 ⁵ / ₃₂	12	6 37 06 018 01 0

E-Cut Universal saw blades

With bimetal toothing, offset. For precise cutouts in sheet metals, plastics and all types of wood in custom installations such as navigation equipment, screens, DVD players, amplifiers and speakers. Length 2³/₈ in (60 mm).



Width		pack	Order number
in	mm		
1 ¹ / ₈	28	1	6 35 02 147 01 5
1 ³ / ₄	44	1	6 35 02 148 01 3

Width		pack	Order number
in	mm		
1 ¹ / ₈	28	5	6 35 02 147 02 1
1 ³ / ₄	44	5	6 35 02 148 02 9

Cutting paste

Lubricant for use when working on sheet metal.



Order number	6 37 33 005 01 0
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Straight cutter blade

Suitable for curved cutouts in plastics. Toothed, 2 pack.



Blade length		Total length		Order number
in	mm	in	mm	
1 ³ / ₈	35	2 ³ / ₁₆	56	6 39 03 073 01 1

Suitable for removal of auto body add-on parts. Z-bend, toothed, 2 pack.



Blade length		Total length		Order number
in	mm	in	mm	
3/8	60	4 ³ / ₄	120	6 39 03 081 01 3

Rigid scraper blade

For removal of coverings and coatings such as under body protection, adhesive residue, etc., 2 pack.



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

Required for attachment of accessory parts with circular mounts for filing, sanding and polishing.



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

Required for attachment of accessory parts with circular mounts for filing, sanding and polishing.



Order number	6 37 33 005 01 0
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Backing pad set

2 pack, unperforated.



Order number	6 38 06 129 02 6
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Assorted Sanding Sheet Set

Consisting of: 10 sheets of each grade, unperforated, with hook and loop attachment, grits 60, 80, 120, 180, 240.



Order number	6 37 17 082 03 3
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FEIN offers an extensive range of sandpapers. Detailed information is available from your FEIN dealer.

Mushroom-shaped cutter blade

For cutting silicone and soft glazing compound as well as separation of insulating glass units, 5 pack.



Order number	6 39 03 128 01 2
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Commercial vehicle accessories

Straight cutter blade

Toothed, 2 pack.



Blade length		Total length		Order number
in	mm	in	mm	
1 ³ / ₈	35	2 ³ / ₁₆	56	6 39 03 073 01 1

Z-bend, 2 pack.



Blade length		Total length		Order number
in	mm	in	mm	
3/8	60	4 ³ / ₄	120	6 39 03 216 01 7

Z-bend, toothed, 2 pack.



Blade length		Total length		Order number
in	mm	in	mm	
3/8	60	4 ³ / ₄	120	6 39 03 081 01 3

Angle blade, 2 pack.



Blade length		Total length		Order number	
in	mm	in	mm		
2 ⁹ / ₁₆	1 ³ / ₁₆	6 ⁵ / ₈	3 ³ / ₈	85	6 39 03 177 01 9
1 ¹ / ₂	3 ³ / ₄	38/20	1 ³ / ₄	45	6 39 03 203 01 3

Curved cutter blade

Z-bend, 2 pack.



Blade length		Total length		Order number
in	mm	in	mm	
1 ³ / ₄	45	3 ¹ / ₈	80	6 39 03 072 01 7

L-shaped cutter blade

Toothed, 2 pack.



Blade length		Order number
in	mm	
1	25.4	6 39 03 207 01 2
1 ¹ / ₂	38	6 39 03 209 01 4

U-shaped cutter blade

With extended bar, 2 pack.



Blade length		Order number
in	mm	
1 ⁹ / ₁₆	40	6 39 03 156 01 7

Hook-shaped

Toothed, 2 pack.



Blade length		Order number
in	mm	
1 ¹ / ₂	38	6 39 03 217 01 1

Segment cutter blade

2 pack.



Blade length		Total length		Order number
in	mm	in	mm	
1 ³ / ₁₆	30	2 ⁷ / ₈	73	6 39 03 132 01 0

Pull cable

With handle. Recommended for use during cuts from the exterior with L-shaped or hook-shaped cutter blades. Easier work with less effort when cutting out bus and truck windows and at problem locations on rail vehicles.



Order number	9 26 02 030 01 4
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Work gloves

Vibration dampening, 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

Bow handle

For reduction of vibration and greater ease of use of the FEIN SUPERCUT during extended periods of operation.



Order number	3 21 19 116 01 1
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Accessories for removal of adhesive residue

Scraper blade

Shovel-shaped, with scratch prevention coating, 2 pack.



Blade length		Total length		Order number
in	mm	in	mm	
15/32	12	29/16	64	6 39 03 129 05 0
11/16	18	29/16	65	6 39 03 146 01 8
1	25	29/16	64	6 39 03 105 01 9

With diagonal edge and scratch prevention coating on the front stop, 2 pack.



Blade width		Order number
in	mm	
1/2	13	6 39 03 113 01 6
1	25	6 39 03 131 01 7

With side edge, 2 pack.



Blade width		Order number
in	mm	
1/2	13	6 39 03 144 01 1

Scraper blade set

Consisting of: 1 of each shovel-shaped scraper blade, with scratch prevention coating (types 129/105).



Order number	6 39 03 129 01 6
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Consisting of: 1 of each scraper blade with diagonal edge and scratch prevention coating on the front stop (types 113/131).



Order number	6 39 03 113 02 2
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The blades are delivered in 2 packs.

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.

AFSC 18 accessories

Rechargeable battery

Rechargeable Li-ion battery, 18 volt, 2.4 Ah with charge indicator.



Unit	
Order number	9 26 04 124 02 0

ALG 30 charger

Rapid charger for FEIN NiCad and Li-ion rechargeable batteries.



Unit	
Order number	9 26 04 096 01 0

TURBO accessories

Filter bag for TURBO I



Standard filtration, 5 Pack	
Order number	3 13 22 781 01 7

Extra fine filtration, 5 pack

Order number	3 13 22 757 01 6
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Filter cartridge for TURBO I



Order number	3 13 22 765 00 9
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Filter bag for TURBO II



Standard filtration, 5 Pack	
Order number	3 13 22 810 01 0

Extra fine filtration, 5 pack

Order number	3 13 22 811 01 0
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Filter cartridge for TURBO II



Order number	3 13 22 765 00 9
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General accessories

Protective cover

For safe tool changes on the SUPERCUT with QuickIN when opening and closing the locking lever.



Order number	3 21 74 011 00 0
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Sharpening stone

For sharpening the blade before use to obtain the best cut.



Order number	6 37 19 010 01 4
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Mobile work with high performance: with FEIN lithium-ion technology.

The combination of FEIN lithium-ion batteries and FEIN motors provides the perfect relationship between low weight and high performance. Their extremely long service life is due to monitoring of individual cells, which protects the batteries from overcharging, overheating, and deep discharge, and the very gentle charging process.

Your benefits:

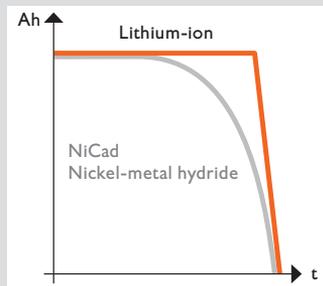
- ▶ High-performance work with 18-volt batteries.
- ▶ Long service life due to high quality, class A and B battery cells.
- ▶ Safe working thanks to the high current capacity of the cells and electronic protection with emergency cut-off function.
- ▶ Interchangeability of FEIN batteries.

Short charging time



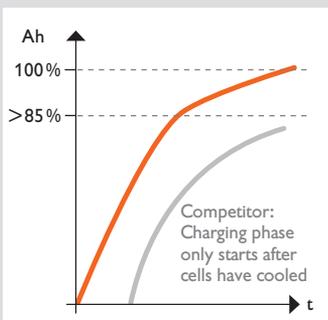
Fast and gentle: using the rapid charger, the battery is fully charged in approx. 25 minutes for uninterrupted work.

Constant performance



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

Low heating



Short charging time: high quality cells with low internal resistance reduce warming and the battery does not need to be cooled down at exterior temperatures below 113°F.

Continuous operation



Convenient check at the push of a button: the capacity indicator shows the level of battery charge.

Duration and performance



For peak and continuous loading: the battery pack contains 10 high-quality lithium-ion cells arranged in two rows. These cells are designed for high current draw.

Individual cell monitoring



The sophisticated electronics make it possible to monitor every cell individually, thus providing reliable protection against overloading, overheating and deep discharge.

More power, more quality, more durability. More from FEIN.

With the glass removal systems from FEIN, your company is equipped for every situation. Ensure the highest performance, quality and durability for every application area with FEIN cordless drills, metal finishers and wet and dry dust extractors. Your dealer will be happy to help.

FEIN Cordless Drill ABOP

Completely cordless, with unique endurance and maximum precision and speed, even under difficult working conditions.



FEIN angle polisher

Extremely high performance, even at low speeds – for polishing glass or lacquered surfaces.



FEIN TURBO I + II dust extractors

High performance wet and dry vacuum cleaner with power tool connection for workshop and installation use.

- ▶ 1 FEIN TURBO I
- ▶ 1 16' hose (1 1/4" dia.)
- ▶ 1 adapter for FEIN power tools (non-FEIN products)
- ▶ 2 plastic extension wands
- ▶ 1 each crevice tool, upholstery tool, floor tool
- ▶ 1 filter bag
- ▶ 1 universal power tool adapter



Order number

9 20 2 2

- ▶ 1 FEIN TURBO II
- ▶ 1 16' hose (1 1/4" dia.)
- ▶ 1 adapter for FEIN power tools
- ▶ 2 metal extension wands
- ▶ 1 each crevice tool, upholstery tool, liquids tool, high quality floor tool for carpet or smooth floors
- ▶ 1 filter bag
- ▶ 1 universal power tool adapter



Order number

9 20 2 3

**FEIN. Unverwüstliche
Elektrowerkzeuge.**



FEIN – specialist for enduring power tools.

FEIN is the specialist when extremely reliable, professional power tools and special applications solutions are called for in the metal fabrication, interior construction, and automotive industries. As the inventor of the electric hand drill, FEIN has developed innovative and unbeatably efficient, professionally-oriented solutions for over 140 years. In industrial and trade use, they prove themselves under the toughest continuous use.



Take advantage of the FEIN PLUS 3-year guarantee

We offer the FEIN PLUS 3-year guarantee on all FEIN power tools. You simply need to register your new FEIN power tool at www.fein.com/warranty within six weeks of purchase.

Still have questions? Your specialty dealer will be happy to help:

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

US: FEIN Power Tools Inc., Phone 1-412-922-8886, Toll Free: 1-800-441-9878, www.fein.com

CA: FEIN Canadian Power Tool Company, Phone 905 890-1390, Toll Free: 1-800-265-2581, www.fein.com

FEIN Quebec Ltee, Phone 514 331-7390, Toll Free: 1-800-789-8181, www.fein.com