FEIN. Unverwüstliche
Elektrowerkzeuge.

**FEIN: The Inventor Of Power Tools.**

# FEIN 150 YEARS OF INNOVATION

Since 1867

**Since 1867: Enduring, Functional & Specialist Power Tools Made In Germany.**

# History & Inventions

C. & E. FEIN GmbH, the manufacturer of professional and extremely reliable power tools, has a proud history going back over 150 years. The company's story is characterized throughout by pioneering inventions. FEIN was founded in 1867, in Karlsruhe, by brothers Wilhelm Emil and Carl Fein as a 'workshop for the manufacture of physical and electrical apparatus'. Three years later, the business moved to Stuttgart.

In 1895 the world's first electric hand drill left the FEIN development workshop, a tool that would revolutionize manual working. This was followed in 1906 by a hand held grinder. FEIN was not slow to recognize the potential of the new hand-operated power tool. In 1908, FEIN became a 'specialized factory for power tools'.

In 150 years, FEIN has produced numerous other inventions and innovations and still continues to develop new ideas that will make the applications of tomorrow easier to handle.



**1895: The world's first power tool.**
**C. & E. FEIN invents the electric hand drill.**

| YEAR | INVENTIONS |
|---|---|
| 1867 | The foundations are laid, Wilhelm Emil Fein opens a “workshop for the manufacture of physical and electrical devices”, which will later become the company C. & E. FEIN. |
| 1875 | **Fire alarm.** FEIN invents the first electric fire alarm in 1878 for the city of Stuttgart was installed. |
| 1885 | **The first portable telephone.** Numerous inventions and improvements in telephones, lighting and fire alarm systems, including the first portable telephone. |
| 1895 | **World’s first power tool.** C. & E. FEIN invents the electric hand drill which paves way for the power tools industry. |
| 1906 | **Hand-held grinding.** FEIN develops the first hand-held grinding motor. |
| 1927 | **The first jigsaw.** Cutting and sawing metal becomes much simpler: FEIN launches the first jigsaw (patented) and the first sheet metal shears in the market. |
| 1950 | **High-frequency.** FEIN adds high-frequency power tools to their product range. |
| 1952 | **First power hacksaw.** FEIN develops the first power hacksaw for steel pipes and profiles. |
| 1967 | **The first oscillating power tool.** The plaster cast saw (patented) was developed for medical use. FEIN later develops this in to the now available MULTIMASTER. |
| 1984 | **The FEIN special cutter.** The first oscillating windscreen removal system for bonded vehicle panes allows windscreens to be replaced by one person without any damage. |
| 1986 | **The first oscillating FEIN delta sander.** The forefather of the present FEIN MultiMaster and all subsequent delta sanders. Suitable for an incredible range of applications thanks to the oscillating drive principle (patented). |
| 1987 | **The first "safety" angle grinder.** Working with angle grinders becomes much safer and more comfortable. FEIN builds the first 'safety' angle grinder with a tool-free quick clamping system and brake (patented). |
| 2004 | **Revolutionary: FEIN EVO.** The first safety angle grinder with a switch-free operating concept. Another milestone in the history of the power tool. |
| 2007 | **FEIN MultiMaster 250 Q.** The new generation of the universal system for interior work and renovation; the FEIN MultiMaster embodies the unique experience in oscillation technology that FEIN has acquired over 40 years. |
| 2010 | **KBM Auto:** The world's first automatic metal core drilling system yet again shows FEIN’s strong forte in the metal core drilling sector. |
| 2011 | **FEIN KBH 25:** The world's first hand-guided metal core drilling system combines the benefits of powerful hand drills and carbide-tipped core drills in one. |

# Facts & Figures

## We are proud to say we invented:

- Hand-held grinder
- Jig-saw
- Sheet metal shears
- Electric hacksaws
- Oscillating tool
- Safety angle grinder
- Delta sander
- Car windscreen remover
- Electro-pneumatic hammer
- Hand-guided metal core drilling and many other tools that has revolutionized the power tool industry.

## 800

**800 active property rights, including 500 patents and patent applications.**

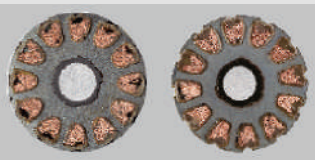
FEIN has been constantly developing innovative products and upgrading existing technology in the power tool segment. FEIN launches new products every year which shows that FEIN has the best in class R&D center that strives to innovate products delivering new solutions for the end user.

### FEIN BENEFITS:

- FEIN products are “Made in Germany” quality guaranteeing you unbeatable performance.
- The use of high-quality material and components guarantees the legendary long service life of FEIN power tools.
- The optimised range of accessories and special system components underline the expertise and experience that goes into a FEIN product.
- FEIN tools are preferred in the market for their precision, durability and functionality.
- All FEIN Li-ion batteries has a separate communication cable that protects the battery and tool from damage due to overload – making the FEIN battery technology long-lasting and safe.
- Powerful and reliable – even in continuous use under the toughest conditions.
- Intelligent control electronics for protection from damage due to overloading.
- Low weight and ergonomic design for light, comfortable and fatigue-free working.
- Before it reaches the end user, each FEIN power tool undergoes stringent tests and checks to ensure only the best leaves FEIN.



FEIN



Competitors

**Core competence:** Very high copper content for great output and ability to cope with overload.

### FEIN’S PRESENCE:



- FEIN India is a fully owned subsidiary of C. & E. FEIN GmbH, Germany.
- FEIN has 18 subsidiaries and 61 representations globally.
- There are three production companies in Germany, U.S. and Denmark and an off-shore facility in India.
- FEIN is committed to its German roots – a massive production site in Bargau delivers "Made in Germany" quality.
- FEIN India is headquartered in Chennai handling operations in India and SAARC countries.
- FEIN India has a regional office in Pune and representations in Ahmedabad, Bengaluru and Coimbatore.
- FEIN India is already a preferred partner and solution provider to MNCs and many government agencies in India.
- FEIN India has well connected sales, service and dealer network across India.

## Solution that comes to you. Demo at your door step.

FEIN has the concept of demonstrating products using a special mobile demonstration vehicle. This vehicle has the state-of- art arrangements fitted with the entire range of products in it. All the customers and end users can see the premium products in operation at close quarters. To meet the experts from FEIN for a demo at your premise, get in touch with us.



# Market segments

FEIN is the specialist for professional and extremely reliable power tools and special solutions for metal, interior and automotive applications. 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 150 years.

## Metal

From coarse grinding to a mirror polish, in steel construction, shipbuilding or in foundries, for precise holes with manually operated rotary drills or semi-stationary core drilling systems and everywhere that metal constructions are produced, FEIN application solutions prove their incomparable power and robustness.

## Interior construction

No matter whether you're making a large number of screw connections in drywall construction, fitting wood with subsequent surface machining, installing or dismantling heating, air conditioning and ventilation systems or undertaking interior work anywhere from the cellar to the attic, you'll find the perfect tool for each interior requirement with professional quality.

## Automotive

Replacing windows, fitting, converting or dismantling bodywork, restoring used or new cars and repairing and restoring boats. FEIN is and remains your specialist for application solutions in the automotive sector.

**FEIN is the specialist for professional and extremely reliable power tools and special solutions for metal, interior construction and automotive applications.**

### Drilling
- ▶ Drills
- ▶ Magnetic drill jigs
- ▶ Angle drills
- ▶ Tappers
- ▶ Cordless drills
- ▶ Metal core drilling

### Surface Processing
- ▶ Sanders
- ▶ Polishers
- ▶ Stainless steel finishing
- ▶ Vacuum cleaners

### Grinding
- ▶ Compact angle grinders
- ▶ Large angle grinders
- ▶ Straight grinders
- ▶ Die grinders
- ▶ High-frequency grinding

### Oscillating
- ▶ Interior works
- ▶ Automotive
- ▶ Marine
- ▶ Wood works
- ▶ Construction & renovation

### Sheet Metal Working
- ▶ Slitting shears
- ▶ Sheet metal shears
- ▶ Nibblers

### Fastening
- ▶ Cordless-screwdrivers
- ▶ Universal screw guns
- ▶ Metal screw gun
- ▶ Dry wall screw gun
- ▶ Offset screwdrivers
- ▶ Impact wrenches
- ▶ Automotive fastening

### Stationary Belt Grinders
- ▶ Pipe notching
- ▶ Pipe polishing
- ▶ Linear polishing
- ▶ Mobile grinding

### Sawing and Cutting
- ▶ Jigsaws
- ▶ Pipe saws
- ▶ Construction cutter
- ▶ Pipe milling
- ▶ Pipe polishing

### Automotive Glass Removal
- ▶ SuperWire
- ▶ SuperCut
- ▶ Glass removal
- ▶ Polishing
- ▶ Fastening







## DRILLS



There are FEIN drills for almost any situation, with different sizes and shapes, drilling diameters of up to 38 mm and speeds adapted precisely to the material. These tools are perfectly tailored to the work you do, the standards you need to meet, and your way of working. Ergonomically shaped, lightweight, easy to operate and extremely durable, they are ideal for professional users.

| Models | Steel (mm) | S.S. (mm) | Alu. (mm) | Wood (mm) | Power Input/ Battery Capacity | Width across corner (mm) | Tapping | Speed, No load (R.P.M) | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|
| ABOP 6 | 6 | 6 | 10 | 20 | 18 V / 5 Ah | 23 | - | 0-3350 | 2.1 |
| ABOP 10 | 10 | 10 | 15 | 30 | 18 V / 5 Ah | 23 | M 6 | 0-1250 | 2.2 |
| ABOP 13-2 | 13/10 | 13/10 | 16/10 | 37/27 | 18 V / 5 Ah | 23 | M 10 | 0-580/0-1760 | 2.4 |
| BOP 6 | 6 | 6 | 10 | 20 | 500 W | 23 | - | 0-4000 | 1.7 |
| BOP 10 | 10 | 10 | 15 | 30 | 500 W | 23 | M 6 | 0-1500 | 1.8 |
| BOP 10-2 | 10/8 | 10/8 | 16/10 | 35/25 | 500 W | 23 | M 10 | 0-700/0-2250 | 2 |
| BOP 13-2 | 13/10 | 13/10 | 16/10 | 37/27 | 550 W | 23 | M 10 | 0-680/0-2200 | 2 |
| BOS 16 | 16 | 16 | 20 | 50 | 1200 W | 27 | M 12 | 0-520 | 3.5 |
| BOS 16-2 | 16/10 | 16/10 | 20/15 | 50 | 1200 W | 27 | M 12 | 0-520/0-1600 | 3.7 |
| DSke 672 | 26/19 | 26/19 | 32/23 | 50/35 | 1050 W | 41 | - | 120-270/240-540 | 8.8 |
| DDSk 672-1 | 32 | 32 | 40 | 60 | 900 W | 41 | M 20 | 170/250/450/700 | 9.6 |
| DDSk 672 | 32 | 32 | 40 | 60 | 1050 W | 41 | - | 175/280/480/760 | 9.4 |
| Asq 672-1 | 38 | 38 | - | - | 900 W | 47 | M 30/R 1 in | 100 | 10.6 |

## MAGNETIC METAL CORE DRILLS



**Metal core drills – the most cost effective drilling experience.** Core drilling is an extremely efficient process: faster, quieter and more accurate than twist drilling. Since core drilling requires no pre-drilling or retooling, the time needed for the job can be cut by up to around 40% – on site or in the workshop. The high-quality FEIN magnet core drill units can be used with carbide core drills and are suited to many applications such as core drilling, spiral drilling, thread cutting, countersinking and reaming. The FEIN core bits are designed solely for best performance. High-quality carbides, HSS steels and sophisticated cutting geometries ensure the best cutting performances and very long service life. Whether for steel, stainless steel or aluminium: we've got the right solution for every application on plates or pipes. The FEIN core drilling system will revolutionize your work!

| Models | TCT/HSS core drill dia. (mm) | Max. drill depth (mm) | Twist drill dia. (mm) | Tapping | Reaming/ Countersinking max. dia. (mm) | Input (W) | Speed, full load (RPM) | Magnetic holding power (N) | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|
| KBB 30 | 30 | 50 | - | - | - | 750 | 430 | 9000 | 10.5 |
| KBM 32 Q | 32 | 50 | 13 | M 12* | - | 700 | 440 | 9000 | 10.5 |
| KBE 35 | 35 | 50 | 13 | - | - | 850 | 460 | 12000 | 11.8 |
| KBB 38 | 38 | 50 | - | - | - | 1050 | 330 | 9000 | 12.9 |
| KBB 40 | 40 | 50 | - | - | - | 1100 | 280 | 9000 | 12.8 |
| KBE 50-2 | 50 | 50 | 16 | - | - | 1100 | 260/520 | 12000 | 12.5 |
| KBE 50-2 M | 50 | 50 | 23 | - | - | 1100 | 260/520 | 12000 | 13.5 |
| KBM 50 Q | 50/40 | 50 | 16 | M 16 | 31/16 | 1200 | 130-260/260-520 | 12500 | 13.2 |
| KBM 50 U | 50/40 | 50(75*) | 23 | M 16 | 50/23 | 1200 | 130-260/260-520 | 12500 | 13.9 |
| KBM 50 Auto | 50/40 | 50(75*) | 18/23** | M 16** | 50**/23** | 1200 | 130-260/260-520 | 12500 | 16.2 |
| KBB 60 | 60 | 75 | - | - | - | 1400 | 180/340 | 11000 | 23.9 |
| KBM 65 U | 65/45 | 50(75*) | 25 | M 20 | 50/25 | 1300 | 120-240/260-520 | 14000 | 16.1 |
| KBM 80 U | 80/65 | 50 | 32 | M 27 | 50/31 | 2000 | 110-180/160-260/350-580 | 18000 | 25.4 |
| KBM 80 Auto | 80/65 | 50 | 18/32** | M 27** | 50**/31** | 2000 | 110-180/160-260/350-580 | 18000 | 26.4 |
| KBH 25 | 14-25 | 20 | - | M 12 | - | 1200 | 0-520 | - | 3.3 |

**Optional with accessories

## ANGLE DRILLS



Makes easy work of drilling round corners. Compact, versatile and powerful, for difficult or narrow locations. Distortion-free barrel-type motor housing for outstanding results. The cordless version comes with a maintenance-free, brush-free and highly-effective EC motor with good speed stability.

| Models | Steel (mm) | S.S. (mm) | Alu. (mm) | Wood (mm) | Power Input | Battery Capacity (Ah) | Tapping | Speed, No load (R.P.M) | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|
| AWBP 10 | 10 | 10 | 15 | 25 | 18 V | 2.5 | M 6 | 0-1370 | 1.7 |
| WBP 10 | 10 | 10 | 15 | 25 | 500 W | - | M 6 | 0-1830 | 1.5 |

## MAGNETIC DRILL JIGS



FEIN easy to use magnetic drill jigs for horizontal, vertical or overhead working with rotary drills of capacity up to 32 mm drill in the workshop or on-site. Universal suitability for drilling, tapping, reaming and countersinking. It also comes with a non-magnetic base that are suitable for drilling up to 16 mm. Few models are equipped with integrated coolant tank with flexible jointed hose.

| Models | Twist Drill max. dia. (mm) | Tapping | For collar dia. (mm) | Input (W) | Reaming/ Countersinking max. dia. (mm) | Magnetic holding power (N) | Stroke/Total stroke range (mm) | Magnetic foot dimensions (mm) | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|
| MBS 32 F | 32 | M 24 | 63 | 130 | 40/- | 18000 | 178/365 | 220x100 | 21.8 |
| MBS 16 X | 16 | M 12 | 43 | 100 | 16/50 | 12500 | 145/325 | 195x90 | 9.5 |
| MBS 25 F | 25 | M 20 | 53 | 100 | 25/50 | 14000 | 145/290 | 205x95 | 12.5 |
| IBS 16 | 16 | M 12 | 53 | - | 16/50 | - | 145/295 | - | 8 |

## CORDLESS DRILLS/DRIVERS



The perfect combination of high quality battery, electronics and motor makes the ASCM series the most powerful of FEIN's cordless drill/drivers: The brushless FEIN PowerDrive motor comes with an impressive service life and around 30% more efficiency than comparable DC motors. The electronic torque shut-off ensures good repeat accuracy and the FEIN Li-ion batteries with SafetyCell technology protect against damage from overload.

| Models | Steel (mm) | Wood (mm) | Stone (mm) | Fastening (mm) | Battery Voltage/Capacity | Speed, no load (RPM) | Impacts (BPM) | Max. Torque hard/soft (Nm) | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|
| ASCM 12 C | 13 | 40 | - | 8x200 | 12 V / 2.5 Ah | 400/700/1400/2500 | - | 40 / 20 | 1.1 |
| ASCM 14 | 13 | 50 | - | 8x300 | 14.4 V / 5 Ah | 400/800/1950/3850 | - | 85 / 38 | 2.1 |
| ASCM 14 C | 13 | 50 | - | 8x300 | 14.4 V / 2.5 Ah | 400/800/1950/3850 | - | 80 / 29 | 1.9 |
| ASCM 14 QX | 13 | 50 | - | 8x300 | 14.4 V / 5 Ah | 400/800/1950/3850 | - | 85 / 38 | 1.9 |
| ASCM 14 QXC | 13 | 50 | - | 8x300 | 14.4 V / 2.5 Ah | 400/800/1950/3850 | - | 80 / 29 | 1.7 |
| ASCM 18 | 13 | 50 | - | 10x400 | 18 V / 5 Ah | 400/800/1950/3850 | - | 90 / 46 | 2.2 |
| ASCM 18 C | 13 | 50 | - | 10x400 | 18 V / 2.5 Ah | 400/800/1950/3850 | - | 85 / 38 | 2 |
| ASCM 18 QX | 13 | 50 | - | 10x400 | 18 V / 5 Ah | 400/800/1950/3850 | - | 90 / 46 | 2 |
| ASCM 18 QXC | 13 | 50 | - | 10x400 | 18 V / 2.5 Ah | 400/800/1950/3850 | - | 85 / 38 | 1.7 |
| ASB 14 | 13 | 35 | 13 | 8x200 | 14.4 V / 4 Ah | 450/1600 | 9350/27200 | 55 / 30 | 2.1 |
| ASB 14 C | 13 | 35 | 13 | 8x200 | 14.4 V / 2 Ah | 450/1600 | 9350/27200 | 50 / 27 | 1.9 |
| ASB 18 | 13 | 50 | 14 | 8x300 | 18 V / 4 Ah | 550/1600 | 9350/29000 | 60 / 35 | 2.2 |
| ASB 18 C | 13 | 50 | 14 | 8x300 | 18 V / 2 Ah | 550/1600 | 9350/29000 | 55 / 32 | 2 |
| ABSU 12 C | 10 | 30 | - | 6x200 | 12 V / 2.5 Ah | 400/1300 | - | 30 / 16 | 1.2 |
| ABSU 12 W4C | - | - | - | 6x200 | 12 V / 2.5 Ah | 400/1300 | - | 30 / 16 | 1.1 |
| ABS 14 | 13 | 35 | - | 8x200 | 14.4 V / 4 Ah | 450/1600 | - | 55 / 30 | 2 |
| ABS 14 C | 13 | 35 | - | 8x200 | 14.4 V / 2 Ah | 450/1600 | - | 50 / 27 | 1.8 |
| ABS 18 | 13 | 50 | - | 8x300 | 18 V / 4 Ah | 550/1600 | - | 60 / 35 | 2.1 |
| ABS 18 C | 13 | 50 | - | 8x300 | 18 V / 2 Ah | 550/1600 | - | 55 / 32 | 1.8 |

## TAPPER



Efficient, precise and reliable - The alternative to working by hand. Outstanding precision due to clearance-free connection of drill shaft and threaded chuck with B12 taper mounting for high concentricity. Positive fit of thread drill in chuck for the best results.

| Models | Input | Output (W) | No load speed in reverse (RPM) | Max. Torque (Nm) | Stall Torque (Nm) | Thread in steel & SS up to | Collar dia. (mm) | Width across corners (mm) | Cable with plug (m) | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| GWP 10 | 450 W | 250 | 0-1000 | 21 | 53 | M 10 | 43 | 23 | 5 | 1.6 |
| AGWP 10 | 18 V | - | 0-760 | 26 | 41 | M 10 | 43 | 23 | - | - |

## METAL SCREW GUN



For safe, consistent working with self-drilling and thread-moulding screws in roof and facade construction as well as heating, air conditioning and ventilation. FEIN ASCS 4.8 is one of the lightest cordless drills/drivers in its class for roofing and façade construction. Electronic torque shut-off feature in the cordless range prevents screws from rotating too far or twisting off.

| Models | Battery voltage / capacity | Input (W) | Output (W) | Speed, full load (RPM) | Speed, no load (RPM) | Max. torque hard/soft (Nm) | Screw dia. (mm) | Rapid change chuck | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|
| SCS 4.8-25 | - | 450 | 250 | 0-2000 | 0-2500 | 16/- | 4.8 | 1/4 in | 1.3 |
| ASCS 4.8 | 14.4 V / 5 Ah | - | - | 0-2000 | 0-2500 | 20/7 | 4.8 | 1/4 in | 1.6 |
| ASCS 6.3 | 18 V / 5 Ah | - | - | 0-1500 | 0-1700 | 30/10 | 6.3 | 1/4 in | 1.8 |

## DRY WALL SCREW GUN



FEIN specializes in drilling and screw connections with professional quality. Thanks to the new motor, the new battery-powered drywall screw guns ASCT 14 and ASCT 18 have the power they need to reliably connect even 2-ply hard sheets of drywall. Hard torque-rate joints in drywall construction don't present a problem thanks to the acceleration switch and robust design, making the FEIN drywall screw guns ideal problem-solvers – in all areas.

| Models | Battery voltage / capacity | Input (W) | Output (W) | Speed, full load (RPM) | Speed, no load (RPM) | Max. torque hard/soft (Nm) | Screw dia. (mm) | Screw length (mm) | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|
| ASCT 14 | 14.4 V / 5 Ah | - | - | 0-2700 | 0-4000 | 14/7 | 4.2 | - | 1.7 |
| ASCT 14 M | 14.4 V / 5 Ah | - | - | 0-2700 | 0-4000 | 14/7 | 4.2 | 25-55 | 2.1 |
| ASCT 18 | 18 V / 5 Ah | - | - | 0-2700 | 0-4000 | 14/7 | 4.2 | - | 1.7 |
| ASCT 18 M | 18 V / 5 Ah | - | - | 0-2700 | 0-4000 | 14/7 | 4.2 | 25-55 | 2.2 |
| SCT 5-40 X | - | 450 | 250 | 0-2700 | 0-4000 | 12/- | 5 | - | 1.3 |
| SCT 5-40 M | - | 450 | 250 | 0-2700 | 0-4000 | 12/- | 5 | 25-55 | 1.6 |

## CORDLESS IMPACT WRENCH/DRIVER



FEIN cordless impact wrench/driver – extremely robust for tough jobs. The FEIN impact wrench/driver set new standards in securing and loosening screws, even in challenging scenarios. Their compact design and 250 Nm torque make them perfect for assembly work, machine construction, service work by roofers and carpenters, and automotive assembly. They are extremely compact and robust – thanks to lightweight, fibreglass-reinforced housing.

| Models | Battery voltage / capacity | Speed, no load (RPM) | Impacts | Max. torque (Nm) | Fastening | Tool holder | Weight (kg) |
|---|---|---|---|---|---|---|---|
| ASCD 12-100 W4C | 12 V / 2.5 Ah | 2700 | 3450 | 100 | 8 mm / M12 | 1/4 in hexagonal holder | 1.1 |
| ASCD 18 W2 | 18 V / 4 Ah | 2200 | 3200 | 250 | 10 mm / M16 | - | 1.8 |
| ASCD 18 W2C | 18 V / 2 Ah | 2200 | 3200 | 250 | 10 mm / M16 | - | 1.5 |
| ASCD 18 W4 | 18 V / 4 Ah | 2200 | 3200 | 158 | 8 mm / M14 | - | 1.8 |
| ASCD 18 W4C | 18 V / 2 Ah | 2200 | 3200 | 158 | 8 mm / M14 | - | 1.5 |

## ANGLE GRINDERS



Experience is not the only thing, but it is very important especially when it comes to building power tools for grinding in industry and trades that are as durable, work oriented, ergonomic and innovative as the tools that FEIN produces. FEIN grinders come in various performance classes for universal applications like deburring, grinding and cutting works in trades like foundries, floor tile works, interior construction, grill construction and fabrication.

| Models | Grinding disc dia. (mm) | Grinding disc dia. (inch) | Input (W) | Output (W) | Speed, no load (RPM) | Flange | Tool Holder | Cable with plug (m) | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|
| WSG 7-100 | 100 | 4 | 760 | 420 | 12500 | M 10 | - | 2.5 | 1.6 |
| WSG 8-125 | 125 | 5 | 800 | 520 | 11000 | M 14 | - | 4 | 2 |
| WSG 11-125 | 125 | 5 | 1100 | 700 | 11000 | M 14 | - | 4 | 2.2 |
| WSG 11-125 R / WSG 11-125 RT | 125 | 5 | 1100 | 700 | 11000 | M14 | - | 4 | 2.4 |
| WSG 12-125 P / WSG 12-125 PQ | 125 | 5 | 1200 | 650 | 11000 | M 14 | - | 4 | 2.1 |
| WSG 15-125 PR / WSG 15-125 PRT | 125 | 5 | 1500 | 900 | 11000 | M14 | - | 4 | 2.4 |
| WSG 15-125 P / WSG 15-125 PQ | 125 | 5 | 1500 | 900 | 11000 | M 14 | - | 4 | 2.3 |
| WSG 17-125 P / WSG 17-125 PQ | 125 | 5 | 1700 | 1000 | 11000 | M 14 | - | 4 | 2.3 |
| WSG 17-125 PS / WSG 17-125 PSQ | 125 | 5 | 1700 | 1000 | 8500 | M 14 | - | 4 | 2.4 |
| WSG 17-150 P / WSG 17-150 PQ | 150 | 6 | 1700 | 1000 | 8500 | M 14 | - | 4 | 2.4 |
| WSG 17-70 Inox | 125 | 5 | 1700 | 1000 | 2700-8500 | M 14 | - | 4 | 2.4 |
| WSG 17-125 PR / WSG 17-125 PRT | 125 | 5 | 1700 | 1000 | 11000 | M14 | - | 4 | 2.4 |
| WSG 17-150 PR / WSG 17-150 PRT | 150 | 6 | 1700 | 1000 | 8500 | M14 | - | 4 | 2.6 |
| WSG 17-70 Inox R / Inox RT | 125 | 5 | 1700 | 1000 | 2700-8500 | M14 | - | 4 | 2.5 |
| Msfv 649-1 | 125 | 5 | 750 | 480 | 12000 | M 14 | - | 5 | 4 |
| WSB 20-180 | 180 | 7 | 2000 | 1250 | 8500 | - | QuickIN | 4 | 5.9 |
| WSB 20-230 | 230 | 9 | 2000 | 1250 | 6600 | - | QuickIN | 4 | 5.9 |
| WSG 20-180 | 180 | 7 | 2000 | 1250 | 8500 | M 14 | - | 4 | 5.6 |
| WSG 20-230 | 230 | 9 | 2000 | 1250 | 6600 | M 14 | - | 4 | 5.6 |
| WSB 25-180 X | 180 | 7 | 2500 | 1700 | 8500 | - | QuickIN | 4 | 6.5 |
| WSB 25-230 X | 230 | 9 | 2500 | 1700 | 6600 | - | QuickIN | 4 | 6.7 |
| WSG 25-180 | 180 | 7 | 2500 | 1700 | 8500 | M 14 | - | 4 | 6.3 |
| WSG 25-230 | 230 | 9 | 2500 | 1700 | 6600 | M 14 | - | 4 | 6.3 |

## PIPE MILLING



### No pipe is too big: FEIN Pipe milling machine.

FEIN pipe milling machines are world renowned in the field of pipe cutting technology. Their applications range from trimming pipes before laying to cutting pipes already lowered into the ground. Whether cast or steel pipes for oil, gas or water as used for pipelines in municipal supply networks, power plants and industrial system as well as for container construction - reliable and precise work with FEIN pipe milling cutters.

#### APPLICATIONS

- ► Pipeline constructions.
- ► Steel pipes.
- ► Cement centrifuged pipes.
- ► Container construction.
- ► Cutting bevelling/profile cut.

#### FEATURES

- ► Electric/pneumatic pipe milling.
- ► Easy to assemble and use.
- ► Profile or straight cuts.
- ► Overload protection.
- ► Constructed & tested according to EN 61029.

**For cutting pipes**
**250 - 3000 mm dia.**

**Perfect for water, gas and oil.**

Depending on the area of usage and the power supply available, a selection can be made among specifically designed electrical and compressed air models of the FEIN pipe milling machines. The extra advantage: The explosion-proof electric motors meet the same safety requirements as the compressed air motors. They are therefore ideally suited for working on gas and oil pipelines.

## STRAIGHT GRINDERS



The specialist tools for use in metal working, for grinding , brushing, deburring and polishing. They are designed for easy manoeuvrablity in places with difficult accessibility. Their narrow neck is perfect for hard-to-reach places. It offers good speed stability and is perfectly designed for machining stainless steel, for example satin finishing and polishing corners and edges. They are particularly quiet during operation and therefore accurate working.

| Models | Grinding wheel max. dia. (mm) | Polishing disc dia. (mm) | Input (W) | Output (W) | Speed, no load (RPM) | Collar dia. (mm) | Collet max. dia. (mm) | Cutter dia. max. (mm) | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|
| GSZ 4-90 EL | 20 | 50x10 | 350 | 170 | 3500-8500 | - | 6 | 12 | 1.5 |
| GSZ 4-280 EL | 20 | - | 350 | 170 | 13000-28000 | 43 | 6 | 12 | 1.5 |
| GSZ 8-90 PEL | 50 | 80 | 710 | 420 | 2500-9000 | 43 | 8 | 12 | 1.8 |
| GSZ 8-280 P | 45 | - | 750 | 400 | 28000 | 43 | 8 | 12 | 1.4 |
| GSZ 8-280 PE | 50 | - | 750 | 400 | 8500-28000 | 43 | 8 | 12 | 1.4 |
| GSZ 8-280 PL | 45 | - | 750 | 410 | 28000 | 43 | 8 | 12 | 1.8 |
| GSZ 8-280 PEL | 50 | - | 750 | 410 | 8500-28000 | 43 | 8 | 12 | 1.8 |
| GSZ 11-90 PERL | 50 | 80 | 1010 | 620 | 2900-9900 | 43 | 8 | 12 | 2.2 |
| GSZ 11-320 PRL | 45 | - | 1010 | 620 | 32500 | 43 | 8 | 12 | 2.1 |
| GSZ 11-320 PERL | 45 | - | 1010 | 620 | 9500-32500 | 43 | 8 | 12 | 2.1 |

## SANDER / POLISHER - Machining pipes and profiles, surfaces, corners and edges



With robust solutions from FEIN, it's simple and easy to get involved with stainless steel. Sanding down welded seams, cutting out profiles, or polishing and satin-finishing surfaces to a mirror polish – our durable and practical solutions take account of the particular characteristics of the material (such as heat build-up during surface machining of stainless steel plates), giving you the keys to one of the most exciting markets of the future.

| Models | Grinding wheel / Polishing disc dia. (mm) | Sanding pad dia. (mm) | Input (W) | Output (W) | Speed, no load (RPM) | Mounting thread | Pipes up to dia. (mm) | Weight (kg) |
|---|---|---|---|---|---|---|---|---|
| WSG 17-70 Inox | 125 | - | 1700 | 1000 | 2700-8500 | - | - | 2.4 |
| WPO 10-25 E Polishers | 150 | - | 800 | 550 | 900-2500 | M 14 | - | 2.2 |
| WPO 14-15 E Polishers | 230 | - | 1 200 | 750 | 500-1500 | M 14 | - | 2.5 |
| WPO 14-25 E Sander polisher | 230 | 230 | 1200 | 750 | 900-2500 | M 14 | - | 2.5 |
| WPO 14-25 E Polishers | 230 | - | 1 200 | 750 | 900-2500 | M 14 | - | 2.5 |
| ROT 14-200 E Rotary Grinder | 150/200 | 150/200 | 1200 | 750 | 900-2500 | M 14 | - | 2.6 |
| RS 10-70 E Pipe sander | - | - | 800 | 550 | 2500-7000 | - | 8-45 | 2.9 |
| RS 12-70 E Pipe Sander | - | - | 1200 | 750 | 2700-7000 | - | 8-80 | 3.8 |
| BF 10-280 E Belt file | - | - | 800 | 550 | 10000-28000 | - | - | 2.1 |
| KS 10-38 E Fillet weld grinder | - | - | 800 | - | 1350-3750 | - | - | 3.2 |
| Msf 636-1 Eccentric Sander | 150 | 150 | 380 | - | 8800 | 5/16 in | - | 2.4 |

## VACUUM CLEANERS



FEIN Dustex range are the ideal solution for minimising dust when working with power tools. FEIN Dustex dust extractors are suitable for both wet and dry applications and also features a soft start function. The dust extractors are supplied with an extra-long power cable and a suction hose, giving the user maximum range and flexibility. FEIN Dustex safety extractors can reliably remove class M hazardous dusts.

| Models | Power Input (W) | Air flow | Max. Vacuum | Tank Capacity (Litres) | Dust class | Cable with plug (m) | Sound level (dB) | Weight (kg) |
|---|---|---|---|---|---|---|---|---|
| Dustex 25 L | 1380 | 4320 l/min | 253 mbar | 22 | L | 6 | 68 | 8 |
| Dustex 35 L | 1380 | 4320 l/min | 253 mbar | 32 | L | 6 | 68 | 9 |
| Dustex 35 LX AC | 1380 | 4320 l/min | 254 mbar | 35 | L | 7.5 | 69 | 14.1 |
| Dustex 35 MX AC | 1380 | 4320 l/min | 254 mbar | 35 | M | 7.5 | 69 | 14.1 |
| Dustex 35 LX | 1380 | 4320 l/min | 254 mbar | 35 | L | 7.5 | 69 | 13.5 |
| Dustex 35 MX | 1380 | 4320 l/min | 254 mbar | 35 | M | 7.5 | 69 | 13.5 |

## SLITTING SHEARS



Clean, distortion-free cutting of sheet metals, profiles and pipes - with just one continuous chip. Rapid work progress due to excellent view of the cutting line through the open-fronted cutting head. Easy-to-use and curve-compatible slitting shears for distortion-free cutting in stainless steel processing, spiral seam pipes and profiles. They have an outstanding ergonomics and simple construction for optimal mobility of the shears.

| Models | Steel up to | | | Alu, Cu, Brass | Cutting | Input | Strokes | Weight |
|---|---|---|---|---|---|---|---|---|
| | 400 N/mm² | 600 N/mm² | 800 N/mm² | up to 250 N/mm² | speed | | (RPM) | (kg) |
| ABSS 1.6 E | 1.6 mm | 1.2 mm | 0.8 mm | 2.0 mm | 5-8 m/min | 14.4 V / 5 Ah | 2000-3500 | 1.9 |
| BSS 1.6 E | 1.6 mm | 1.2 mm | 1.0 mm | 2.0 mm | 6-10 m/min | 350 W | 2100-4500 | 1.5 |
| BSS 1.6 CE | 1.6 mm | 1.2 mm | 1.0 mm | 2.0 mm | 6-10 m/min | 350 W | 2100-4500 | 1.5 |
| BSS 2.0 E | 2.0 mm | 1.5 mm | 1.3 mm | 3.0 mm | 2-4 m/min | 350 W | 1300-2600 | 1.7 |

## SHEET METAL SHEARS



The right choice for everyone who values the highest cutting performance in sheet metal and stainless steel. Ergonomic, curve-compatible sheet metal shears for cutting and trimming thin sheets. Four-fold reversing blade for clean and burr-free cutting with low operating costs.

| Models | Steel up to | | | Alu, Cu, Brass | Cutting | Input | Strokes | Weight |
|---|---|---|---|---|---|---|---|---|
| | 400 N/mm² | 600 N/mm² | 800 N/mm² | up to 250 N/mm² | speed | | (RPM) | (kg) |
| ABLS 1.6 E | 1.6 mm | 1.2 mm | 1.0 mm | 2.0 mm | 6 - 9 m/min | 14.4 V / 5 Ah | 2200-3700 | 2.1 |
| BLS 1.6 E | 1.6 mm | 1.2 mm | 1.0 mm | 2.0 mm | 8 - 12 m/min | 350 W | 2300-4800 | 1.7 |
| BLS 2.5 E | 2.5 mm | 2.0 mm | 1.6 mm | 3.0 mm | 3 - 6 m/min | 350 W | 800-1700 | 2.1 |
| BLS 3.5 | 3.5 mm | 3.0 mm | 2.0 mm | 4.0 mm | 4 - 5 m/min | 1200 W | 1500 | 5.4 |
| BLS 4.2 | 4.2 mm | 3.0 mm | 2.0 mm | 5.0 mm | 4 - 5 m/min | 1200 W | 750 | 5.2 |

## NIBBLERS



Extremely versatile and curve-compatible, particularly suited for trapezoid sheet metals, corrugated sheet metals, profiles and curved single rolled sheets. Cutting direction setting can be adjusted without using additional tool for easy working. It comes in different variants for heavy dismantling and cutting applications that can perform easy cuts up to 5mm in steel and 2.5 mm in stainless steel.

| Models | Steel up to | | | Alu, Cu, Brass | Cutting | Input | Strokes | Weight |
|---|---|---|---|---|---|---|---|---|
| | 400 N/mm² | 600 N/mm² | 800 N/mm² | up to 250 N/mm² | speed | | (RPM) | (kg) |
| ABLK 1.3 TE / CSE | 1.3 mm | 0.8 mm | 0.6 mm | 2.0 mm | 1.9 m/min | 14.4 V / 5 Ah | 1600 | 2.1 |
| ABLK 1.6 E | 1.6 mm | 1.0 mm | 0.7 mm | 2.5 mm | 1.5 m/min | 14.4 V / 5 Ah | 1300 | 2.1 |
| BLK 1.3 TE / CSE | 1.3 mm | 0.8 mm | 0.6 mm | 2.0 mm | 2.3 m/min | 350 W | 1800 | 1.8 |
| BLK 1.6 E | 1.6 mm | 1.0 mm | 0.7 mm | 2.5 mm | 1.9 m/min | 350 W | 1500 | 1.8 |
| BLK 1.6 LE | 1.6 mm | 1.0 mm | 0.7 mm | 2.5 mm | 2.7 m/min | 350 W | 1500 | 1.9 |
| BLK 2.0 E | 2.0 mm | 1.5 mm | 1.0 mm | 2.5 mm | 1 m/min | 350 W | 1000 | 1.8 |
| BLK 3.5 | 3.5 mm | 2.3 mm | 1.8 mm | 3.5 mm | 1.3 m/min | 1 200 W | 750 | 3.5 |
| BLK 5.0 | 5.0 mm | 3.3 mm | 2.5 mm | 7 mm | 1.3 m/min | 1 200 W | 750 | 3.8 |

## METAL SAW



The Slugger 14" Metal Cutting Saw is a high performance, durable solution for metal cutting. Unlike other metal cutting options, the saw leaves a workable edge when cutting steel plate, angle pipe and square tube. A specially-designed guard collects virtually all chips and sparks keeping you and others around you safe. This 1800 watts powerful saw can perform quick clean cuts and has got the ability to bevel cut up to 45 degrees.

| Models | Power Input (W) | Speed, no load (RPM) | Saw blade dia. | Cutting depth | Cutting capacity | | Sound level (dB) | Weight (kg) |
|---|---|---|---|---|---|---|---|---|
| | | | | | pipes | square tubes | | |
| MCCS 14 | 1800 | 1300 | 14 inch | $5^{1/8}$ in / 130 mm | 130 mm | 120 mm | 98 | 25 |

## FEIN OSCILLATING TOOLS



FEIN launched the first oscillating power tool in 1967 which paved way for the current multipurpose tool that can invariably solve all your interior construction, renovation, carpentry, wood works or any similar needs. Over the decades, we have continuously developed the product into a powerful and universal system for interior work and renovation. Its legendary quality and uniquely wide range of solutions have made the FEIN Oscillating series an indispensable tool for manual trades and industry. FEIN offers three systems: FEIN MultiMaster, FEIN SuperCut Construction and FEIN SuperCut Automotive - which make up an unbeatably versatile and powerful range of oscillating power tools. Each system is synonymous with professional application solutions and unrivalled load handling with a solution for every requirement. The FEIN SuperCut is the specialist for interior work with wood, repairing/replacing windows, tile restoration/bathroom renovation, heating/sanitary installation, grout renewal, marine applications and vehicle glazing. As a universal system, the FEIN MultiMaster is the right choice for everyone who strives for a versatile, professional tool. A wide range of accessories opens up a multitude of possible applications.

**One tool for all. Precise working on:**

Wood | plywood | gypboard | panels & laminates | plastic | fibre glass | metal | metal sheets | pipes | nonferrous metals | channels | stone | tiles & marbles | plaster board | putty | pop | carpet & leather | masonry | cement plaster | concrete | other building materials | paint removal | & many more

**For applications:**

Cutting, sanding, scraping, profile sanding, sawing, cutting channels and ducts, removing nails, pipe cutting, plumbing, furniture, stone work, paint removal, sanding masonry, filing, tile and floor removal, drill jig, adapting door frames, cutting panels, tile grout cleaning & many more..

| Models | Input | Oscillations (RPM) | Amplitude (degrees) | Sanding pad width | Tool holder | Tool change | Weight (kg) |
|---|---|---|---|---|---|---|---|
| AFMM 18 V | 18 V / 2.5 Ah | 11000-18500 | 2 x 1.7 | 80 mm | StarlockPlus | QuickIN | 1.8 |
| AFMT 12 V Start | 12 V / 2.5 Ah | 11000-18000 | 2 x 1.6 | 80 mm | StarlockPlus | Manual | 1.4 |
| AFMT 12 V QuickStart | 12 V / 2.5 Ah | 11000-18000 | 2 x 1.6 | 80 mm | StarlockPlus | QuickIN | 1.5 |
| FMT 250 Start | 250 W | 11000-20000 | 2 x 1.6 | 80 mm | StarlockPlus | Manual | 1.3 |
| FMT 250 QuickStart | 250 W | 11000-20000 | 2 x 1.6 | 80 mm | StarlockPlus | QuickIN | 1.4 |
| FMM 350 QuickStart | 350 W | 10000-19500 | 2 x 1.6 | 80 mm | StarlockPlus | QuickIN | 1.4 |
| **FEIN SUPERCUT CONSTRUCTION** | | | | | | | |
| AFSC 18 QSL | 18 V / 5 Ah | 10000-19500 | 2 x 2.0 | - | StarlockMax | QuickIN | 1.8 |
| AFSC 18 QCSL | 18 V / 2.5 Ah | 10000-19500 | 2 x 2.0 | - | StarlockMax | QuickIN | 1.6 |
| FSC 2.0 Q | 400 W | 11000-18500 | 2 x 2.0 | - | Hexagon | QuickIN | 1.45 |
| FSC 500 QSL | 450 W | 10000-19500 | - | - | StarlockMax | QuickIN | 1.6 |
| **FEIN SUPERCUT AUTOMOTIVE** | | | | | | | |
| AFSC 1.7 Q | 18 V / 5 Ah | 10000-19500 | 2 x 1.7 | - | Hexagon | QuickIN | 1.8 |
| AFSC 1.7 QC | 18 V / 2.5 Ah | 10000-19500 | 2 x 1.7 | - | Hexagon | QuickIN | 1.6 |
| FSC 1.6 | 400 W | 11000-18500 | - | - | Hexagon | Manual | 1.25 |
| FSC 1.6 Q | 400 W | 11000-18500 | - | - | Hexagon | QuickIN | 1.45 |
| Motlx 6-25 Pneumatic | - | 20000 | 2 x 1.6 | - | Hexagon | - | 0.9 |

## PIPE SAWS



Powerful FEIN Hacksaws for pipes up to 440 mm diameter. Ideally suited for trimming pipes and shaped section made of steel, cast-iron, autoclaved aerated concrete and plastics. Clamp and feed device available for profiles and pipes from Ø 80 mm to Ø 400 mm.

| Models | Input (W) | Output (W) | Strokes (RPM) | Stroke of blade (mm) | Pipes up to dia. (mm) | Profiles up to W x H | Cable with plug (m) | Weight (kg) |
|---|---|---|---|---|---|---|---|---|
| AStx 649-1 | 750 | 480 | 350 | 60 | 440* | 290 x 550 mm | 2.5 | 6.1 |
| Astxe 649-1 | 750 | 480 | 100-350 | 60 | 440* | 290 x 550 mm | 2.5 | 6.4 |
| STS 325 R Pneumatic | - | 1100 | 330 | 60 | 440* | 290 x 500 mm | - | 7.2 |

* With chain extension

## JIGSAWS



FEIN metal jigsaws with unsurpassed precision and robustness. Extremely low levels of wear and maintenance offers long service life even when used in very demanding industrial applications. Swarf removal can be switched between extraction or blowing ensuring a safe work place.

| Models | Cutting capacity in | | | | Hard/Soft wood & plywood | Hard particle/ fibre-glass | Input (W) | Strokes (RPM) | Weight/ (kg) |
|---|---|---|---|---|---|---|---|---|---|
| | SS (V2A) | Steel (St 37) | Non ferrous | Plastic | | | | | |
| Ast 638 | 3 mm | 8 mm | 10/10 mm | 6 mm | 50/40 mm | 25/20 mm | 350 | 3350 | 2.2 |
| Aste 638 | 6 mm | 10 mm | 15/10 mm | 6 mm | 60/50 mm | 30/30 mm | 450 | 1050-2600 | 2.3 |

## HAND-HELD BELT GRINDER



The new FEIN hand-held belt grinders remove more material than any angle grinders. Not only does this allow for faster working, the improved work progress saves time and money too. It can also be used as stationary belt grinder by using it with a table holder. Patented tool-free belt clamping system for quick change of belts.

| Models | Description | Belt size (mm) | Input (kW) | Speed, no load (RPM) | Weight (kg) |
|---|---|---|---|---|---|
| GHB 15-50 | Hand-guided belt grinder | 50x1000 | 1.5 | 8500 | 5.6 |
| GHB 15-50 Inox | Hand-guided belt grinder ideal for SS processing | 50x1000 | 1.5 | 2500-7900 | 5.6 |

## STATIONARY BELT GRINDERS



GRIT by FEIN is synonymous with competence and durability in belt grinding. GRIT belt grinders are characterized by their long service lives and can be operated for hours on end, regardless of whether it's in continuous use or shift operation. Thanks to their powerful three-phase motors, they can even cope with extreme grinding conditions. Their robust design means that they can withstand high loads, which are common in professional use.

| Models | Description | Belt size (mm) | Input (kW) | Speed, no load (RPM) | Weight (kg) |
|---|---|---|---|---|---|
| GX 75 | 1 speed, 75 mm belt grinder for manual trade | 75x2000 | 3 | 3000 | 75 |
| GX 75 2H | 2 speed, 75 mm belt grinder for manual trade | 75x2000 | 1.5/2 | 1500/3000 | 75 |
| GI 75 | 1 speed, 75 mm belt grinder for industrial use | 75x2000 | 4 | 3000 | 65 |
| GI 75 2H | 2 speed, 75 mm belt grinder for industrial use | 75x2000 | 2.6-3.1 | 1500/3000 | 65 |
| GI 150 | 1 speed, 150 mm belt grinder for industrial use | 150x2000 | 4 | 3000 | 82 |
| GI 150 2H | 2 speed, 150 mm belt grinder for industrial use | 150x2000 | 2.6-3.1 | 1500-3000 | 82 |
| GI 100 / GI 100 EF | Basic belt grinder w/o stand, 100 mm three-phase | 100x1000 | 1.5 | 3000 | 28 |
| GIS 75 | 75 mm belt grinder for industrial use (with stand) | 75x2000 | 4 | 3000 | 74 |
| GIS 150 | 150 mm belt grinder for industrial use (with stand) | 150x2000 | 4 | 3000 | 93 |
| **DEBURRING** | | | | | |
| GXE | Deburring machine for manual trades | 250x60 | 2.2 | 1500 | 32 |
| GIE | Deburring machine for industrial applications | 250x120 | 1.5 | 1500-3000 | 34 |

## PIPE NOTCHING / PIPE POLISHING



The rotary grinding module GRIT GXC also offers excellent efficiency and flexibility when it comes to grinding the outside of pipes. It allows you to achieve perfect surfaces with minimal effort. The rotary grinding module GRIT GXC can be converted to a centreless rotary grinder in just a few simple steps.

| Models | Description | Pipes up to dia. (mm) | Belt size (mm) | Dimension profiles/ flat material (mm) | Input (kW) | Weight (kg) |
|---|---|---|---|---|---|---|
| GXC | Centreless grinding module | 10-100 | 75-2000 | - | 0.18 | 48 |
| GIC | Centreless grinding module for industries | 10-130 | 75/150x2000 | - | 0.18 | 65 |
| GXR | Radii-grinding module | 16-75 | 75x2250 | 75x75 | - | 54 |
| GIR | Radii-grinding module in series application | 20-150 | 150x2250 | 120x150 | - | 109 |

## LONGITUDINAL GRINDER



This module is indispensable for machine and handrail construction and welded structures. The surface grinding module GRIT GIL for longitudinal grinding features an automated feed and is the only one of its kind on the market. The GRIT GIL is the quick and cost-effective way to achieve perfect surfaces and is suitable for all metals, even for machining stainless steel.

| Models | Description | Belt size (mm) | Input (kW) | Dimension profiles/ flat material (mm) | Weight (kg) |
|---|---|---|---|---|---|
| GILSGIB | Longitudinal grinding in automatic processes | 150x2000 | 2.6-3.1 | 100x100 | 189 |
| GIL | Plane grinding module for longitudinal grinding | 150x2000 | 0.18 | 100x100 | 64 |
| GILS | Surface grinder for longitudinal grinding (automatic) | 150x2000 | 2.6-3.1 | 100x100 | 206 |

## MOBILE BELT GRINDER



The mobile grinder GRIT GIMS is used whenever transporting the workpiece requires a lot of effort. The mobile grinding unit can therefore be used in various locations, in shipbuilding, for instance. Welded seams on the ground can be finished in a flash – with minimal effort, no need to stoop and massive time savings compared with alternative methods.

| Models | Description | Belt size (mm) | Input (kW) | Weight (kg) |
|---|---|---|---|---|
| GIMS 75 / GIMS 75-6 | 1 speed, 75 mm mobile belt grinder | 75x2000 | 4 / 6 | 100 / 121 |
| GIMS 150 / GIMS 150-6 | 1 speed, 150 mm mobile belt grinder | 150x2000 | 4 / 6 | 110 / 131 |
| GIMS 75 2H | 2 speed, 75 mm mobile belt grinder | 75x2000 | 2.6-3.1 | 103 |
| GIMS 150 2H | 2 speed, 150 mm mobile belt grinder | 150x2000 | 2.6-3.1 | 114 |

## MACHINE STAND



Exceedingly sturdy machine base for fatigue free working. Low-vibration thanks to robust design. Powder coating for extended long life.

| Models | Description | Dimensions LxWxH(mm) | Input (kW) | Weight (kg) |
|---|---|---|---|---|
| GIB | Stand without dust extraction | - | - | 17 |
| GIBE | Stand with dust extraction | - | 0.35 | 55 |
| GIXBE | Machine stand with extraction for GI 100 (EF) and deburring machines | 305 x 575 x 700 | - | 58 |
| GIXS | Machine stand for GI 100 (EF) and deburring machines | 304 x 356 x 769 | - | 18 |

## BALANCERS



**Take a stabilized approach – with FEIN Balancers**

For more operating comfort and safety when working with power tools and heavy machines: the extension lengths of the FEIN Balancer give you a wide working radius and the infinitely adjustable loads range from **0.5 kg to 60 kg** depending on which balancer you choose. Other advantages of the FEIN Balancer include constant traction, secure "weightless" suspension of the tool and power cable, compact design and ease of handling. Accessories such as the spiral cable, swivel hook and locking device further increase safety and comfort.

## MAGNETIC PICK-UP ROD



**Fast, safe and easy removal of swarf or metal pieces.**

FEIN Magnetic Pick-up Rod is the perfect tool to quickly clean up filings, metal swarf, nails, screws or metal chips. Be it fabrication in steel or working with metal cut off saws, band-saws, drill presses, magnetic core drills, milling machines, grinders, lathe or sheet metal working, this magnetized swarf collector is a very helpful tool to keep your work area tidy and safe. Constructed from high quality steel tube with a smooth plunger action to drop the waste exactly wherever you need it.

**DIMENSIONS:** Total length: 38 cm | Handle: 22 cm | Magnetic tube diameter: 1 inch | Weight: 0.65 kg

FEIN CORE CUTTERS

# Revolutionize your work with FEIN Core Cutters.

**Whether for steel, stainless steel or aluminium: we've got the right solution.**

**HSS and TCT cutters from 12mm to 100mm dia up to 100mm depth.**



## TCT Core bits

- Extremely long service life.
- High-quality carbide equipments.
- Durable and powerful in all metals.
- Ideal for serial drilling jobs and continuous use.
- Cost-effective.

## HSS Core bits

- Excellent service life.
- High quality high speed steels.
- Premium drilling results in steel and metal construction.
- Easy to resharpen.
- Not sensitive to shock or impact.

FEIN ACCUTEC SCREWDRIVERS FOR AUTOMOTIVE INDUSTRY

# Precision that pays for itself.

FEIN ACCUTEC screwdrivers stand for absolute reliability, maximum precision and outstanding cost-effectiveness. The ACCUTEC precision cordless screwdriver series was specially developed and produced by FEIN for the high requirements of industrial volume production. They have been in use worldwide for many years and are always state-of-the art, due to constant further development. FEIN ACCUTEC screwdrivers are ideally equipped for continuous use in automotive industry. Ergonomically optimized product design for unrivaled handling, even in continuous use. High quality screw connections in the 0.5 to 30 Nm range.



## FEIN BENEFITS:

- Brushless FEIN PowerDrive motors with high efficiency for up to 30% more screw connections per battery charge.
- High quality screw connections due to narrow tightening tolerances, regardless of the application.
- Available with reliable, long-life battery technology in Li-ion or NiCd / NiMH versions.
- Low maintenance costs due to long service life.
- Process-optimised shut-off screwdrivers are tested for compliance with ISO 5393 and satisfy the machine capability test according to VDI/VDE 2647.

## ParameterControl

Programmable, sensor controlled, cut-off screwdrivers can be individually set to the screwdriving application at up to 5 levels.

## Screwdrivers with mid-mounted handle

Outstanding ergonomics and weighs only 1.3 kg with the Li-ion compact battery for fatigue-free working.

## Baton offset screwdrivers

Optimum access thanks to compact design and low weight of only 1.4 kg.

## Special solutions

Operation of open or closed tongue tools with the baton offset screwdrivers is possible through use of adapters.

## Battery and charging technology

High-performance charging technology charges every FEIN battery safely, quickly and gently. The Li-ion batteries can be charged up to 2000 times, depending on load.

## Accessories

The accessories are specially coordinated with the AccuTec screwdrivers with mid-mounted handle and baton offset screwdrivers.

## HIGH FREQUENCY GRINDERS



**FEIN High-Frequency: World's Best Solution For Heavy-duty & Continuous Grinding Applications.**

As one of the first and world's leading manufacturers of high-frequency power tools, we are fully aware of the requirements which apply in the world of industry. FEIN has been producing durable, powerful and usage-focused HF grinders for industry and manual trades since 1953 in various performance classes. From small compact angle grinders to extremely powerful and large angle grinders and a wide range of straight grinders the FEIN high-frequency range satisfies your extreme grinding requirements. FEIN HF is no match to any other grinders available on the market.

Scan the QR code for complete catalogue

**Durable**

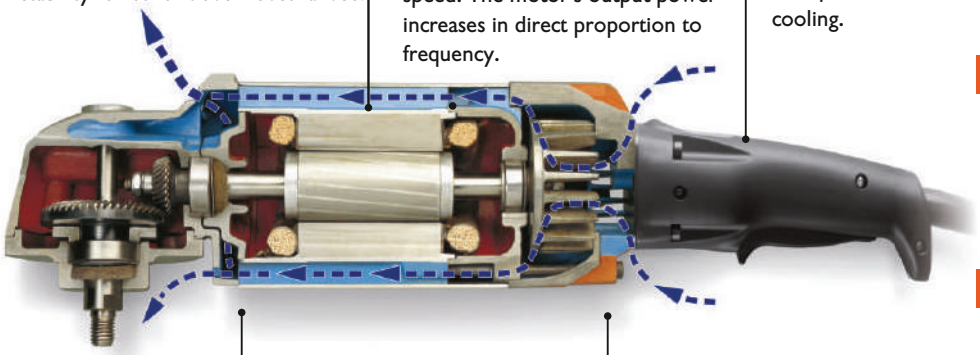
Designed for extreme conditions of use, with high mechanical stability for continuous industrial use.

**Powerful**

By increasing the frequency, you can achieve a higher motor speed. The motor's output power increases in direct proportion to frequency.

**Wear-free**

No ingress of aggressive, abrasive swarf thanks to the encapsulated, dust-proof motor with surface cooling.



**Low-maintenance**

No rotating windings or power-transmitting elements such as carbon brushes or collectors, resulting in minimal wear.

**Cost-effective**

Significantly longer tool service life and maximum grinding power from great speed stability even under load.

### BENEFITS

- Less grinding disc consumption.
- Reduces labour costs.
- Low maintenance cost.
- More material removal.
- Lower energy cost.

### HIGH FREQUENCY RANGE

- HF Compact angle grinders
- HF Large angle grinders
- HF Straight grinders
- HF Die grinders
- HF Long neck grinders
- HF Polishers
- HF Sanders
- HF Converters

## STAINLESS STEEL SURFACE PROCESSING



**With robust solutions from FEIN, it's simple and easy to get involved with stainless steel.**

Sanding down welded seams, cutting out profiles, or polishing and satin-finishing surfaces to a mirror polish – our durable and practical solutions take account of the particular characteristics of the material (such as heat build-up during surface machining of stainless steel plates), giving you the keys to one of the most exciting markets of the future.

### APPLICATIONS

- Mirror / Satin / Matte finishing
- Pipe notching / Polishing
- Deburring / Removal of weld seams
- Machining corners and edges
- Machining surfaces
- Radius grinding

### ACCESSORIES

- Fleece wheels / Belts
- Elastic sanding / Expansion cylinder
- Grinding belts
- Polishing wheels
- Sanding sleeves
- Pyramix / Serrated discs