

**Individual solutions
for the industry.**



metabo[®]
PROFESSIONAL POWER TOOL SOLUTIONS

Metabo - a strong partner in the industry.

In action in many areas worldwide.



Mechanical engineering



Industrial maintenance
Industry services



Steel construction



Ship construction



Plant engineering



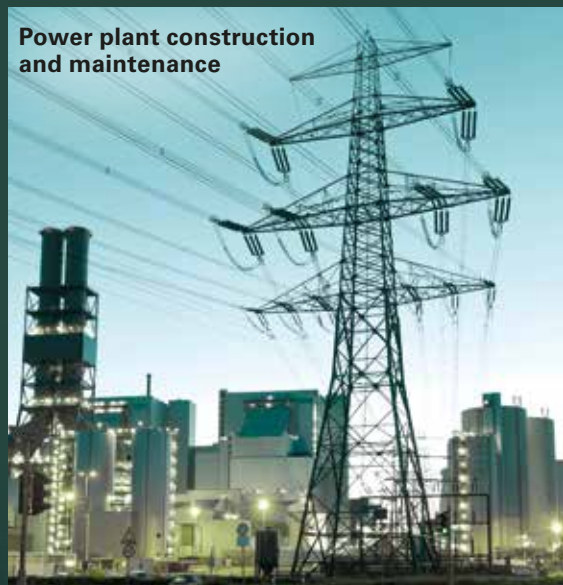
Wind power



Offshore



Special vehicle
manufacturing



Power plant construction
and maintenance

Made by Metabo – made in Germany.

"Made by Metabo" is a clear promise of quality for us. At our headquarters in Nürtingen complete power tools are born. The special point: Not only is our development department located there, but also many turned parts and motors are manufactured and many plastic and aluminium parts are injected there. Therefore, our production also has one of the highest real net output ratio in the entire sector.



Development



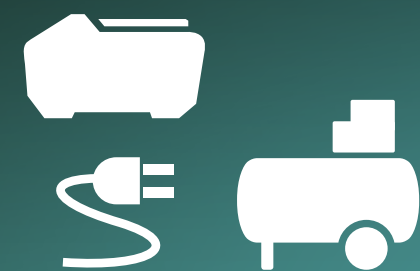
Production



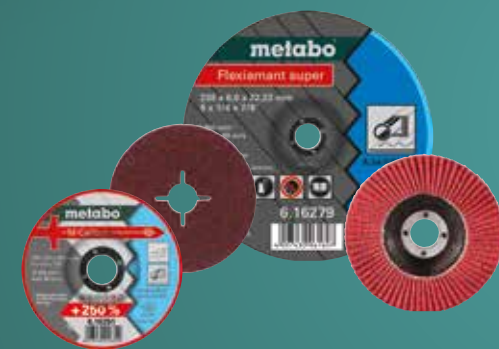
Service

Increase your productivity with reliable system solutions.

Metabo system solutions are developed by professionals for professionals, and thus meet even the highest demands and toughest conditions. Being a specialist for the metal trade, the metal processing industry and industrial maintenance, we offer a comprehensive range of products with integrated solutions for professional applications.



Apart from a number of mains-powered and compressed air solutions, almost every other solution from Metabo is available in a battery pack-powered format. This provides you with independence from the mains and cable.



For continuous productivity and reliability: Metabo offers system accessories and consumables that are optimally adapted to the machines.



The process safety provided by reliable tools is of top priority, especially in industrial environments. Metabo offers competent advice as well as customised service or product solutions.

Your benefits

- Only Metabo offers you this added value:
- high-grade quality products "Made in Germany" from professionals for professionals
 - individual system solutions for different requirements
 - powerful tools for use under the harshest of conditions
 - complete provider with perfectly coordinated system accessories and consumables
 - greatest solution competency thanks to application analysis and product advice on site



Drilling and screwdriving

Both in metal processing and installation and maintenance work there is a lot of drilling and screwdriving involved every day. A reliable power tool is a great asset here.

From the small metal drill, compact drills/screwdrivers, and powerful impact drivers and wrenches to powerful drill and chipping hammers, the wide range of Metabo products is suited for any application. Always and everywhere, cordless or with cable.



Cutting and grinding

The most important applications in metal processing and undoubtedly cutting and grinding. Metabo is one of the leading experts on the market here.

Greatest productivity with maximum security, packed in slim housings with low weight convince users all over the world. Thanks to the superior battery pack quality, Metabo angle grinders with battery pack operation are suited for industrial continuous use.



Special applications

Metabo is always looking for new solutions that make working easier, faster and better. The best example are the beveling tools for metal for weld seam preparation: You can progress about five times faster than with an angle grinder and at the same time much cleaner using this specialised tool. The result is an even edge without burrs. The best precondition for the perfect weld seam.


Simply knowing that everything runs well: Four good arguments for Metabo.

With Metabo you always make a good decision. Since productivity can only be sustainably delivered in connection with safety, robustness and service, these criteria play a central role for us - just as they do for you and the efficiency of your company. In a nutshell: With Metabo you are always on the safe side.



Ultimate productivity

We know that power tools in industrial use are expected to deliver high productivity. Therefore, the delivery of highest productivity applies to all system solutions from Metabo - we want you to save time and money when using our products.




Comprehensive service

Our customer service on site ensures that you can test and procure the right machine for your application from the start. In case of any defects or wear and tear, the uniquely fast spare part and repair service helps to minimise unnecessary downtime so that you can resume work in a quick and uncomplicated fashion.



Maximum safety

Safety in the workplace is one of the most dominant topics in industrial environments. Our machines basically fulfil the highest requirements in terms of health and safety and thus ensure, amongst other considerations, longer run times and less work related illness.



Durable robustness

The robustness of a power tool is measured using its service life. If it lasts twice as long as an alternative product, you save hard cash. It pays to have a closer look. Thanks to our close customer proximity, major factors for maximum robustness in industrial surroundings are already implemented into the product development in Nürtingen. The result: Metabo has a considerably longer service life!

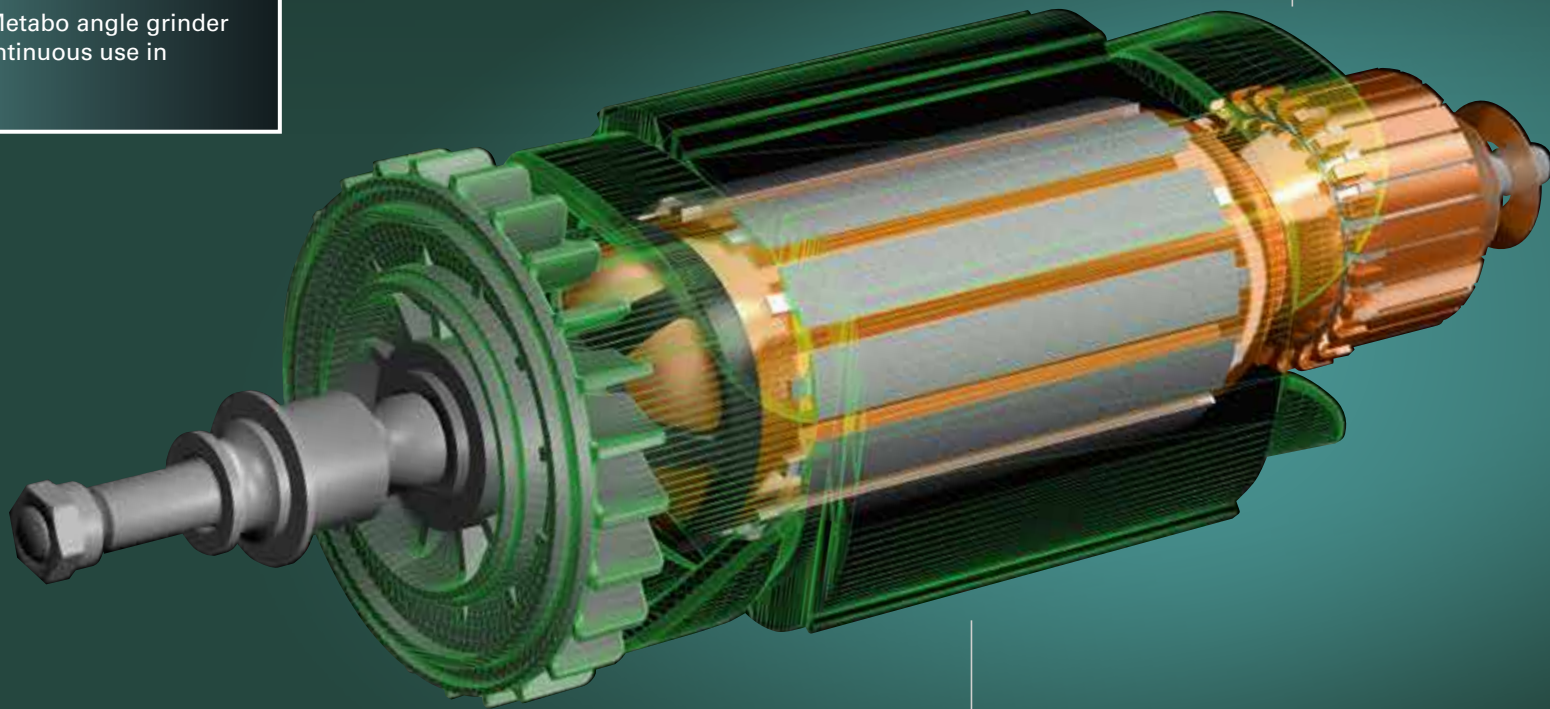


100% compatible

Cordless freedom - cross-brand! Machines, battery packs and chargers of different manufacturers can be combined without any problems.

Performance without limits.

Productivity means for us: maximum performance with best results and with lowest cost. This translates for you into: the optimal combination of output, robustness, safety, and service. Components such as the Metabo Marathon motor in our 1,900 Watt compact angle grinder or special products, like our flat-head angle grinder, show above-average performance, highest reliability, and long service life - three factors ensuring more efficiency and high productivity.



Longer service life thanks to 30% more resin to protect against abrasion and flow optimised dust protection basket



More power, more performance, longer service life: the Marathon motor.

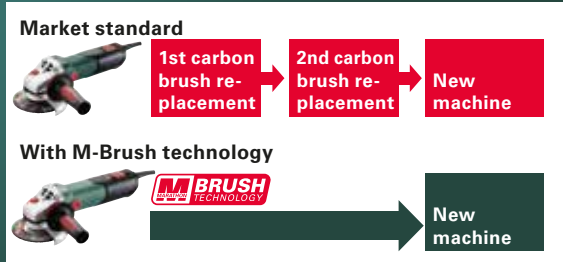
More power and longer service life thanks to the Metabo Marathon-motor with optimised cooling:

- Patented dust protection
- Up to 20% more overload capacity
- Up to 50 % more torque

Metabo M-Brush technology: service-free carbon brushes

Unique service life thanks to the patent-pending M-Brush technology:

- Triple service life of the carbon brushes
- Sufficient for an entire tool life
- Working without service interruptions



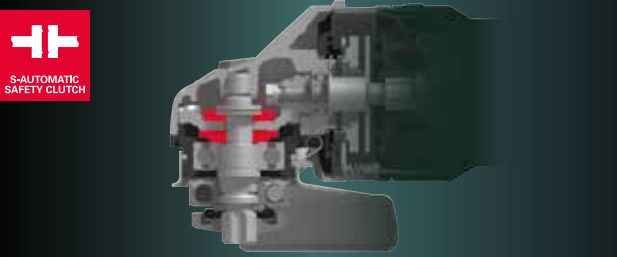
PRODUCTIVITY

Your benefits


- Reduce your production costs:
- Quick work progress
 - Longer application times
 - Less work-related illnesses
 - Motivated employees thanks to easier working
 - Improved process safety

User safety comes first.

The harder the job, the more important it is to protect Metabo users to the highest degree possible. Our products for industrial use fulfill even the strictest safety standards and vibration limits (HAV). Innovative, partially patented safety systems protect against accidents, keep users away from dangerous symptoms of fatigue or illness, and thus reduce the downtime risk.



Metabo S-automatic safety clutch:
Direct mechanical decoupling of the drive (anti-kickback) ensures reduced kickback when the disc stops unexpectedly and permits direct continuation of your work. Furthermore, the dangerous potential for bursting the cutting disc is also prevented.



Patented Metabo disc brake:
Fastest brake system for highest user safety and, thanks to restart protection, the only system with 100% efficiency even in the event of a power cut.



WEPBA 19-125 Q DS M-Brush

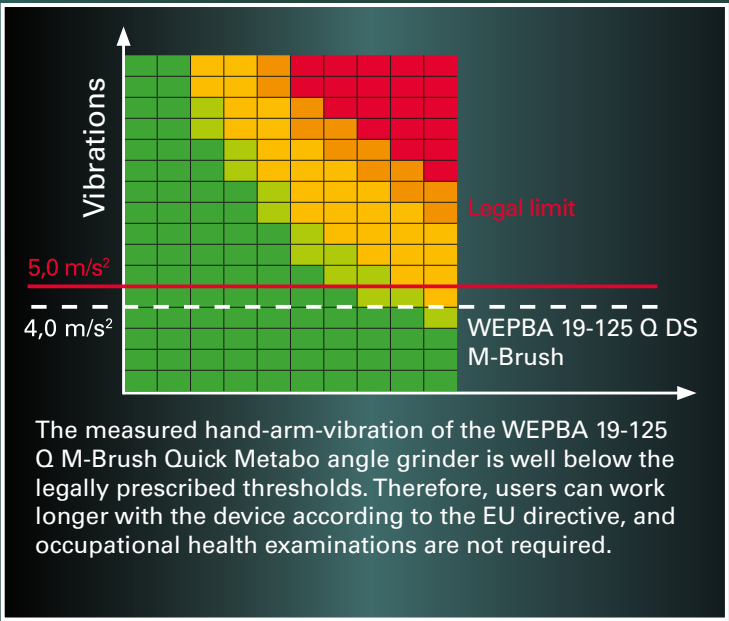
Perfect ergonomics:
Tangibly lower weight and reduced handle circumference for low-fatigue operation

Rear ventilation slots with dust protection filter:
not possible to inadvertently block during normal use thus ensuring exemplary service life. Even under extreme conditions it still offers a new level of performance

Drop security:
A steel ring to accommodate the carabiner secures the angle grinder from falling down when working at great heights

Further safety systems:
The Protect safety switch (deadman switch) ensures immediate shutdown of the machine when the switch is released and restart protection in case of a power cut.

Integrated Auto-balancer:
50% less hand-arm vibration ensures low-fatigue working and protects from symptoms of related illnesses; Metabo has the only angle grinder that significantly undercuts the vibration threshold (5m/s²).



Further information at www.metabo.com



SAFETY

Your benefits

- More safety in everyday use:
- Significant reduction in occupational accidents
 - Clearly meets (exceeds) the EU directives
 - Lower costs thanks to reduced sick rate
 - Occupational health examinations are not required

Long service life guaranteed.

Our experience works for you: The long service life of our machines and of our accessories reduce the need for new investments and secures the reliability of your work flows and work processes. This saves valuable time, increases efficiency in your company and significantly reduces your cost. Examples are:

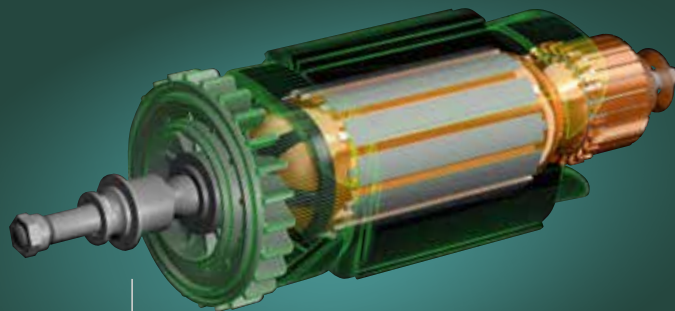
Our LiHD battery packs for continuously high performance.

The powerful cells of the Metabo LiHD battery packs supply enough power to tackle even the most demanding applications without cable. New high-performance cells and completely new developed components of the LiHD battery pack ensure that maximum power is available for an extremely long time. On top of that, you will get a 3-year battery pack warranty from Metabo.



Our new Metabo Marathon motor for power, endurance and long service life.

The patented Metabo Marathon motor continuously sets new standards in terms of overload capacity. The special epoxy resin powder coating on the field coil and the coil guard provides additional protection making it particularly resistant to dusts - and thus ensures an even longer service life for the machine.



Our extremely robust and stable housings and gears.

The aluminium die-cast gear housings and metal precision spur gear developed and produced in Nuertingen ensure optimum heat dissipation and maximum stability. Metabo attaches great

importance to quality, each machine undergoes numerous test stations. "Made in Germany" is always a promise of quality to us. We are happy to prove this, put us to the test.



ROBUSTNESS

Your benefits

- Bank on safer investments:
- Metabo machines reduce the frequency of new purchases and ensure cost savings.
 - Metabo quality ensures high process safety and less downtime costs.
 - Metabo system solutions meet industrial standards in every respect.



Metabo services: simple, safe, fair.

We offer an extensive range of services that are ideally suited to your individual requirements.

Customised solutions for the industry

Individual product or service solutions, comprehensive application analyses, training on site or test machine. We will happily provide you with advice on how to increase your productivity.



- ✓ Reduced processing: no cost estimates
- ✓ Repair within one working day (excluding transport)
- ✓ 6 months of new warranty on the entire machine, not only on the repairs

Fast repair service in only 3 steps:

1. Hand over machine to forwarding agent
2. Repair, maintenance and service check
3. Repaired machine is delivered by parcel service



SERVICE

Your benefits

- Profit from individual solutions:
- Reduced downtimes thanks to extensive service solutions
 - Pre and after sales services from a single source
 - Complete fleet management can be implemented

LiHD - Cut the cord – keep the power.

The powerful cells of the Metabo LiHD battery packs supply enough power to tackled even the most demanding applications in the industrial sector that have previously been reserved to mains-powered machines without exception.



More power

with new LiHD cell technology in combination with a newly developed battery pack

- Enlarged power rails and contacts capable of handling high currents
- 3x better conductivity with cell connectors made of a specialized copper alloy



More runtime

- More active material in the 21700 cells
- Use of high quality materials (silver and copper)

Longer service life

and extreme ruggedness:

- Optimal protection against internal contamination with fully encapsulated cast design and full protective coating of electronics, as well as optimal gasket in the cover structure.
- Protection of the cells with rubber pads
- Less frequent charging due to more usable cell energy
- Exterior rubber coating on the battery pack provides a secure, non-slip grip and also serves as shock protection

The extensive Metabo 18V range



100% compatibility

In the 18 volt class with all cordless tools from Metabo and the CAS partners.



3-year warranty

on all battery packs and chargers - without any limitation of the charging cycles.

CAS One battery, many solutions.

1 System – more than 30 brands – more than 300 machines

100% compatibility in the 18 V class

Unlimited combinations:

Now you can combine machines, battery packs and chargers of different manufacturers with each other without any problems. This does not only save you battery packs and chargers, but also money, time and you are doing something for the environment.



Use the largest cross-brand battery pack system on the market



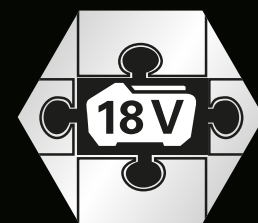
Save time



Save money



Experience the largest variety of machines



Experience 100% compatibility



Save resources since there are less different battery packs and chargers

One battery pack for the industry



100% user benefits

Complete compatibility

Everything fits together:
Machines, battery packs and chargers of all brands.

Clear cost benefits thanks to multiple use of available battery packs.

Double freedom

Cordless working and using machines of different manufacturers.

No tripping on cables, i.e. increased safety thanks to lower risk of accidents.

Leading battery pack technology

World's most powerful battery pack system with 30 years of battery pack competence from Metabo

Reliability and investment reliability of a guaranteed sustainable system.





X benefits. 1 system. metaBOX

Intelligent transport and storage system.
Extremely robust and resistant to breakage.
Organised, stackable, compatible, can be coupled.



Warranty extension
to 3 years

Easy registration at
metabo-service.com

Metabowerke GmbH
Metabo-Allee 1
D-72622 Nürtingen
www.metabo.com

metabo[®]
PROFESSIONAL POWER TOOL SOLUTIONS