



# Perfection assured:

Power tool solutions before  
and after welding

**metabo**<sup>®</sup>  
PROFESSIONAL POWER TOOL SOLUTIONS

# Your technology partner in any phase.

An inseparable connection to trade and industry for more than 90 years: With the high-tech solutions from Metabo you will master all your challenges in metal processing. Precisely, safely and without stress.

In this programme you will find power tool solutions for professional applications. Whether using mains power or cordless, these help you to carry out tasks before and after welding more easily.

Discover what this technology can do today - and get comprehensive advice from a Metabo specialist dealer near you.

## Before welding

### Deburring and rounding



Deburring after a cut often is time-consuming and intricate manual work. Particularly with large components, automated deburring is frequently not possible. Therefore, it's time to increase your productivity by investing in time saving solutions.

You will get to know how this works on [page 4](#).

### Weld seam preparation



If your weld seams are not automated or prepared by means of upstream suppliers, most likely the only remaining solution is the angle grinder. Do you also know however what added values an angle grinder from Metabo can provide? Do you know about the solutions that let you prepare material for automated systems with increased process reliability?

Look on [page 6](#).

## After welding

### Grinding and cutting



Hard working conditions, limited space or sensitive surfaces: Challenges when smoothing weld seams are not only tough on the machine. Metabo has therefore thought of something special.

Have a look on [page 8](#) to find out what helps you with comfortable and precise working.

### Cordless installation



Free yourself from cumbersome cables. Experience new independence and flexibility during final installation, whether in the production area or on site.

[Page 14](#) will tell you what possibilities the new battery pack technology LiHD has in store for you.

## Deburring and rounding

# With uncompromising accuracy.

## 900 Watt Beveling tool KFM 9-3 RF (Order no. 601751700)



Also available as cordless



with controllable speed



Perfect radii for optimal preparation of powder or paint coatings at visible edges



Filigree chamfering and deburring of straight and contoured sheet metal or drilled holes from Ø 13 mm

### OPTIMAL WORK RESULT:

- Always use high-quality carbide indexable inserts.
- **Chamfer 45°** (ISO: DCMT 11 T 304): for deburring or chamfering with 45° angles (order no.: 623560000)
- **R2:** for rounding with 2 mm radii
- **R3:** for rounding with 3 mm radii (order no.: 623562000)

### POSSIBLE AREAS OF APPLICATION:

- Contours: straight edges, curves and external contours, bores and internal contours from Ø 13 mm
- Milled edges: Chamfers and radii
- Chamfer angles: 45°
- Max. chamfer width at 45°: 6 mm, max. chamfer height at 45°: 4 mm
- Radii: 2 mm / 3 mm



Rated input power	900 W
No-load speed	4.500 - 11.500 /min
Grading of cutting depth setting	0,1 mm
Weight (without mains cable)	2,5 kg

### The right one when it comes to precision.

Speedy work should never be at the expense of precision. Neither when deburring of sheet metal, for example after laser cutting, nor when rounding visible edges for surface coating.

The KFM 9-3 RF beveling tool in slim design does not compromise in terms of accuracy - and yet it is surprisingly fast. Thanks to the tool-free cutting depth setting with integrated stop points, you will get a uniform work result and a high surface quality. When deburring contoured sheet metal, when chamfering tubes and breaking and rounding of drilled and punched edges.

## Gets in everywhere: 710 Watt Die Grinder

GE 710 Plus (Order no. 600616000)

With the compact yet lightweight machine you easily deburr pipes, and thanks to the long grinding spindle you will also reach previously inaccessible tight spaces. The spindle lock also permits an easy, fast tool change.



with controllable speed



### OPTIMAL WORK RESULT:

- Select pink aluminium oxide mounted points for the removal of fine burrs (order no.: 628335000).
- For thick burrs and difficult to machine materials (e.g. stainless steel) use the carbide radius router bit (order no.: 628378000).



Rated input power	710 W
No-load speed	10.000 - 30.500 /min
Collet chuck bore	6 mm
Weight (without mains cable)	1,6 kg
Vibrations surface grinding (25 mm)*	5,6 m/s <sup>2</sup>

## Frequently change the position: 1,000 Watt angle grinder

WEV 10-125 Quick (Order no. 600388000)

They deburr quickly and the handy solution provides versatility and easy change of position - especially with smaller workpieces. The M-Quick system ensures tool-free disc change at the touch of a button.

Further advantages: the tool-free easily adjustable guard and controllable speed features are ideally suited for intricate deburring of thin work-pieces.



with controllable speed



### OPTIMAL WORK RESULT:

- Deburring with zirconia alumina flap disc "Flexiamant" P 60 (order no.: 624277000)



The Symbol of Safety



Grinding Wheels	125 mm
Rated input power	1.000 W
No-load speed	2.800 - 10.500 /min
Torque	2,7 Nm
Weight (without mains cable)	2,1 kg
Vibrations surface grinding*	6 m/s <sup>2</sup>

\*uncertainty of measurement K: 1,5 m/s<sup>2</sup>

## Weld seam preparation

### Economical and precise: 1,550 Watt beveling tool

KFM 15-10 F (order no.: 601752500)

**Economical:** You use only one milling head for all chamfer angles from 0-90°.  
**Precise:** The one-touch controller with 0.1 mm stop points ensure tool-free cutting depth setting without the need for adjustment.  
**Practical:** Thanks to the homogeneous chamfer surface you also prepare automated welding processes in the best way possible.  
**Universal:** for stainless steel, construction and fine-grained steel on flat material or pipes with an outside diameter from 75 mm upwards.

#### POSSIBLE AREAS OF APPLICATION:

- Contours: straight edges, external contours and pipes from outer-Ø 75 mm
- Milled edges: Chamfer
- Chamfer angle: 0 - 90° continuous
- Max. chamfer width at 45°: 14 mm
- Max. chamfer height at 45°: 10 mm



Rated input power	1,550 W
No-load speed	7,800 - 12,200 /min
Grading of cutting depth setting	0,1 mm
Weight (without mains cable)	4,9 kg



**Metabo Safety**  
Also available  
with  
deadman's switch



#### OPTIMAL WORK RESULT:

- with high quality carbide inserts for chamfers in production and **carbide Gold indexable inserts** for use on fine grained steel with a speed of 12,200 rpm (order no.: 623564000).
- for chamfers on stainless steel with the **carbide Indexable Insert grey** and a speed of 7,800 rpm (order no.: 623565000).

### Reduced costs and efforts: 2,400 Watt angle grinder

WEA 24-180 MVT Quick (order no.: 606471000)

Thanks to Metabo VibraTech and Auto-balancer you work with extremely low vibrations meaning no fatigue and less downtime even on long roughing jobs. The Metabo Auto-balancer also reduces your costs by halving grinding disc consumption.

particularly low vibrations



**Metabo Safety**  
Also available  
with  
deadman's switch



#### OPTIMAL WORK RESULT:

- Weld seam preparation with very high material removal and very good tool life: Grinding disc "Flexiamant Super" steel (order no.: 616279000).



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Grinding wheel Ø	180 mm
Rated input power	2,400 W
No-load speed	8,500 /min
Torque	14 Nm
Weight (without mains cable)	5,8 kg
Vibrations surface grinding*	3,8 m/s <sup>2</sup>

\*uncertainty of measurement K: 1,5 m/s<sup>2</sup>

## Reach your goal 5x faster.

### 1,600 Watt Beveling Tool

KFM 16-15 F (Order no.: 601753500)



Fast and precise cutting depth setting without tools thanks to 0.1 mm stop points in patented one-touch controller.



Reduced operating cost thanks to the use of only one milling head for all chamfer angles from 0 - 90°



Optimal preparation also for automated weld processes thanks to homogenous chamfer surface



#### OPTIMAL WORK RESULT:

- For chamfers in production and in fine-grained steel using the high-quality **carbide indexable insert gold** (order no.: 623564000).

### The right one when it comes to productivity.

A fast and clean weld seam preparation is more obvious in larger components. A well-prepared chamfer means a stable weld seam and thus reduces the need for reworking.

The KFM 16-15 beveling tool lets you cut five times more edges than a 2,600 Watt angle grinder in the same period of time. All this without generating heat and blue discoloration of the material. The costs are reduced, since you use only one milling head for all chamfer angles.

#### POSSIBLE AREAS OF APPLICATION:

- Contours: straight edges, external contours and pipes from external-Ø 100 mm
- Milled edges: Chamfer
- Chamfer angle: 0 - 90° continuous
- Max. chamfer width at 45°: 21 cm
- Max. chamfer height at 45°: 15 mm



Rated input power	1,600 W
No-load speed	12,000 /min
Grading of cutting depth setting	0,1 mm
Weight (without mains cable)	6,9 kg

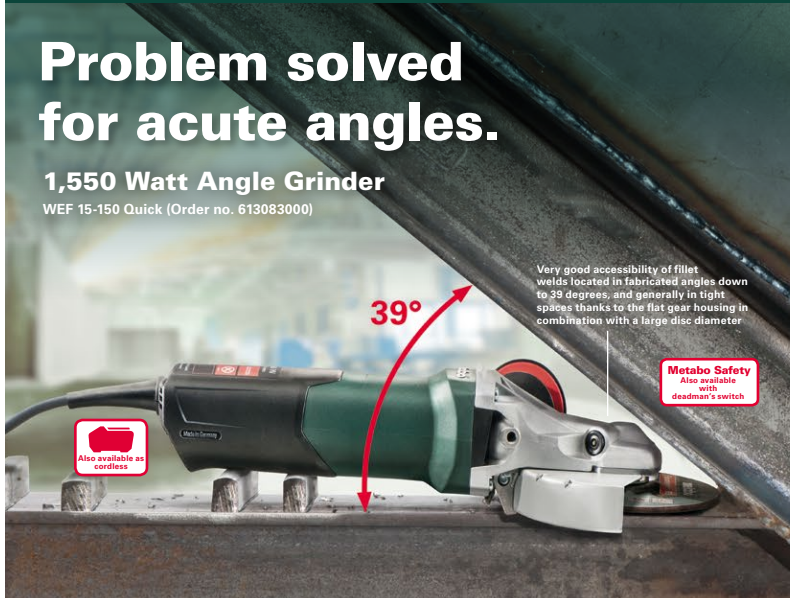


## Grinding and cutting

# Problem solved for acute angles.

## 1,550 Watt Angle Grinder

WEF 15-150 Quick (Order no. 613083000)



Very good accessibility of fillet welds located in fabricated angles down to 39 degrees, and generally in tight spaces thanks to the flat gear housing in combination with a large disc diameter

**Metabo Safety**  
Also available with deadman's switch

Also available as cordless

### The right one when it gets tight.

Do you have to smooth fillet welds in acute angles or clean deep root weld seams? Forget about time-consuming wire brushes, and save yourself the trouble of having to construct tools yourself.

The 1,550 Watt flat head angle grinder always helps you when things get tight. You always work fast and safe in hard-to-reach and tight spaces with angles down to 39°. Its extremely flat gear head makes it possible.



#### OPTIMAL WORK RESULT:

You can smooth fillet welds in tight angles down to 39° perfectly with the "Flexiamant Super" FKS 60 Innox grinding disc. Particularly suited for frontal working (order no.: 616200000).



The "Flexiamant Super Convex" CER flap disc with the frontal raised flaps is recommended for smoothing 90° fillet welds. You grind comfortably with very low vibrations and obtain a uniform grinding result (order no.: 626488000).



Deep root seams are cleaned with the steel wire wheel brush with a plate thickness of only 6 mm (order no.: 626816000).



Minimum accessible angle	39°
Grinding wheel Ø	150 mm
Rated input power	1,550 W
No-load speed	9,600 /min
Torque	3,9 Nm
Weight (without mains cable)	2,7 kg
Vibrations surface grinding*	6,8 m/s <sup>2</sup>

\*uncertainty of measurement K: 1,5 m/s<sup>2</sup>

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## Grinding, cutting & cleaning: 1,700 Watt angle grinder

WEV 17-125 Quick (Order no. 600516000)

Grinding, cutting, cleaning with real power. The 1,700 Watt Marathon-motor with high torque and also highest productivity. The patented dust protection system provides extra endurance also in extreme conditions. The M-Quick system with tool-free disc change at the touch of a button will help you to complete your work faster.



**2x**  
LONGER  
LIFETIME  
NEW CARBON  
BRUSH SYSTEM

Grinding wheel Ø	125 mm
Rated input power	1,700 W
No-load speed	2,800 – 11,000 /min
Torque	3,7 Nm
Weight (without mains cable)	2,5 kg
Vibrations surface grinding*	6,8 m/s <sup>2</sup>

#### OPTIMAL WORK RESULT:

- Extremely high tool life and material removal with low effort: The P36 ceramic fibre discs now have 30% more performance (order no.: 626155000).
- A rigid backing pad with cooling fins and particularly high tool life and temperature resistance ensures optimal pressure distribution and the resharpening of the ceramic grain (order no.: 623291000).
- By using a dust protection filter you will extend the service life of the angle grinder by protecting the motor from ceramic grinding media debris (order no.: 630709000).

## More intensive roughing: 1,700 Watt angle grinder

WEA 17-125 Quick (Order no. 600534000)

Extremely powerful in continuous industrial use: The 1,700 Watt Marathon-motor is ideal for aggressive, ceramic grinding discs. Thanks to Metabo VibraTech and Autobalancer you work with extremely low vibrations and protect against fatigue in your forearms. The Metabo Autobalancer also reduces your costs thanks to halved consumption of roughing discs.



**2x**  
LONGER  
LIFETIME  
NEW CARBON  
BRUSH SYSTEM

Grinding wheel Ø	125 mm
Rated input power	1,700 W
No-load speed	11,000 /min
Torque	3,7 Nm
Weight (without mains cable)	2,5 kg
Vibrations surface grinding*	4 m/s <sup>2</sup>

#### OPTIMAL WORK RESULT:

- Extremely high material removal plus extremely high tool life thanks to the use of ceramic special aluminium oxide and new bonding, for significantly higher productivity. With the latest generation of ceramic roughing discs and the performance turbo "M-Callibur" (order no.: 616291000).
- By using a dust protection filter you will extend the service life of your angle grinder and protect the motor from ceramic grinding media debris (order no.: 630709000).

## Grinding and cutting

# In any working position.

## 1,900 Watt Angle Grinder

WEA 19-180 Quick RT (Order no. 601095000)

**2x**  
LONGER  
LIFETIME  
NEW CARBON  
BRUSH SYSTEM



**Metabo Safety**  
Also available  
with  
deadman's switch



particularly low vibrations

### The right one when weight is important.

Working overhead quickly tires your arms. You have to take a break more often than you want. However, staying relaxed allows you full control of the machine.

Therefore, it was time to make grinding a lighter task. With only 2.7 kg, the WEA 19-180 Quick RT is the world's lightest 180 mm angle grinder. This makes it ideal for grinding large steel constructions. Its slim gear housing achieves the same cutting depth than a large angle grinder with Ø 230 mm.

Save your strength, and also your material. The anti-vibration system Auto-balancer and Metabo VibraTech handle ensure that even continuous use is easy for you - and it also halves your disc consumption.



#### \*\* OPTIMAL WORK RESULT:

- Weld seam preparation with very high material removal and very good tool life: Roughing disc "Flexiamant Super" (order no.: 616279000).



Grinding wheel Ø	180 mm
Rated input power	1,900 W
No-load speed	8,200 /min
Torque	5 Nm
Weight (without mains cable)	2,7 kg
Vibrations surface grinding*	4,9 m/s <sup>2</sup>

# When things get extreme.

## 2,600 Watt Angle Grinders

WE 26-230 MVT Quick (Order no. 606475000)



**Metabo Safety**  
Also available  
with  
deadman's switch



### The right one for continuous industrial use

Do you cope with heavy duty continuous cutting work? For example plunge cuts in 30 mm thick material? Then rely on the Metabo Marathon-motor with patented dust protection, extreme overload capacity and power, up to a cutting depth of 65 mm.

The rotating main handle ensures increased safety and better handling when cutting.



#### \*\* OPTIMAL WORK RESULT:

- Highest cutting output with very long tool life: "Flexiamant Super" steel with special corundums (order no.: 616229000)
- Kindly always use a semi-closed guard Ø 230 mm (order no.:) when cutting with bonded cutting discs 630357000).



Grinding wheel Ø	230 mm
Rated input power	2,600 W
No-load speed	6,600 /min
Torque	18 Nm
Weight (without mains cable)	6,3 kg
Vibrations surface grinding*	6,4 m/s <sup>2</sup>

\*uncertainty of measurement K: 1,5 m/s<sup>2</sup>

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The Symbol of Safety

## Grinding and cutting: INOX

# Double talent.

## 1,000 Watt Flat-Head Angle Grinder

WEVF 10-125 Quick Inox (Order no. 613080000)



with controllable speed

### The right one for many applications

Perfect for grinding of external and internal weld seams on stainless steel railings, security fences or frame constructions. Thanks to the flat gear head you can access most tasks without using a fillet weld grinder, thus saving the cost of another special tool. The excellent ergonomics are convincing. It significantly improves the handling when smoothing external, intricate weld seams, compared to large Inox angle grinders.



#### OPTIMAL WORK RESULT:

- You can smooth external contours and slight weld seams on stainless steel railings with the **medium combination flap disc**. From material removal to fine grinding, you have only one work step with a very uniform grinding result (order no.: 626416000).
- You grind, clean and clean up internal seams or security fences on stainless steel railings with the **fleece compact grinding disc "Unitized" ZK medium** (order no.: 626483000).



Minimum accessible angle	43°
Grinding wheel Ø	125 mm
Rated input power	1,000 W
No-load speed	2,000 - 7,600 /min
Torque	3,5 Nm
Weight (without mains cable)	2,3 kg
Vibrations surface grinding*	4,4 m/s <sup>2</sup>

\*uncertainty of measurement K: 1,5 m/s<sup>2</sup>

## A tool for intricate work: 950 Watt band file

BFE 9-20 (Order no. 602244000)

You can smooth fine weld seams or remove scratches from pipes and frames quickly and easily thanks to the excellent ergonomics and the tool-free angle adjustment of the grinding attachment. The high belt speed up to 20 m/s secures a faster material removal.



Rated input power	950 W
Belt speed in idle	10,6 - 20 m/s
Grinding belt width	6 - 19 mm
Grinding belt length with adapter	457 mm
(order no. 626378000)	520 / 533 mm possible
Weight (without mains cable)	1,8 kg
Vibrations surface grinding*	2,4 m/s <sup>2</sup>



with controllable speed



#### OPTIMAL WORK RESULT:

- Grinding after welding: **ceramic grain sanding belt P 120, 13 x 457 mm** (order no.: 626363000)
- Structured finish or removal of tarnishing: **fleece band, medium 13 x 457 mm** (order no.: 626388000)

## Shining option: 1,700 Watt Burnishing Machine

SE 17-200 RT (Order no. 602259000)

For grinding, burnishing and high-gloss polishing of surfaces including square pipes: Powerful burnishing at high speed with constant load speed ensures perfect, uniform surfaces. Fast, constant and in continuous use. Also suited for high-gloss polishing with polishing rolls up to Ø 200 mm.



Rated input power	1,700 W
No-load speed	800 - 3,000 /min
Abrasive tool diameter	100 - 200 mm
Abrasive tool width	100 mm / 50 mm
Torque	17 Nm
Weight (without mains cable)	2,9 kg
Vibrations burnishing*	38 m/s <sup>2</sup>



with controllable speed



#### OPTIMAL WORK RESULT:

- Smoothing after welding of pre-ground materials: **Pyramid sanding sleeve P 120/A160**. The three-dimensional structure of the grinding media (pyramid-shaped) significantly reduces your work steps (order no.: 626405000).
- Structured finish: **fleece sanding sleeve medium** (order no.: 623495000)

## Improved repairs: 900 Watt tube belt sander

RBE 9-60 (Order no. 602183000)

Smooth weld seams, repair scratches on pipes up to Ø 60 mm: The large wrap angle ensures uniform and seamless surfaces. You can also rework in-situ handrails thanks to the small wall clearance. The constant high belt speed ensures that you finish faster.



Rated input power	900 W
Belt speed in idle	8 - 14 m/s
Sanding belt dimensions	30 x 533 mm
Maximum pipe diameter	60 mm
Wrap angle	190 °
Weight (without mains cable)	3,1 kg
Vibrations surface grinding*	1,8 m/s <sup>2</sup>



with controllable speed



#### OPTIMAL WORK RESULT:

- Smoothing after welding: **sanding belt zirconia alumina P 120, 30 x 533 mm** (order no.: 626286000)
- Structured finish: **fleece band medium 30 x 533 mm** (order no.: 626297000)

\*uncertainty of measurement K: 1,5 m/s<sup>2</sup>



# Free, freer. cordless.

Free yourself from limitations with Metabo battery pack technology.

### Free handling

You would like to say goodbye to annoying cables, hauling of cable extensions and the search for a socket outlet?

Free yourself from limiting cables and enjoy new independence in your work thanks to the battery pack technology from Metabo.



### Systemised freedom

Would you like to master all your work tasks without cables? Metabo has the right system for any application: from reliable standard tools through to unique special solutions.

Everything with the same battery pack. Developed by professionals for professionals.



### Free power

Would you like maximum power available for long periods? The combination of new high-performance cells and completely newly developed components for the LiHD battery pack technology makes it possible.

You can choose from two basic sets (basic set LiHD 3.5 Ah and basic set LiHD 7.0 Ah) for your start to independence.

Further battery packs and basic sets can be found in the current main catalogue.



### The compact solution: Basic Set LiHD 3.5 Ah

Basic set 2 x LiHD 3.5 Ah + ASC Ultra + MetaLoc  
Order no.: 685102000

Ideal for all drilling and screwdriving applications, where compactness and weight are of paramount importance.



### The powerful solution: Basic set LiHD 7.0 Ah

Basic Set 2 x LiHD 7.0 Ah + ASC Ultra + Metaloc  
Order no.: 685109000

Perfect for all angle grinder cutting and grinding applications, where highest performance is demanded.





## Cordless installation

### Effortlessly in steel: 18 Volt battery pack cordless drill/screwdriver

BS 18 LT BL Q (Order no. 602334840)

This is how demanding screwdriving and drilling in steel up to a drill diameter of 13 mm works. The unique Metabo brushless motor stands for quick work progress and highest efficiency. This is complemented by the Metabo Quick System: quick change of bit retainer and bits for flexible working



Max. torque soft/hard	34 Nm / 60 Nm
Adjustable torque	0.7 - 8 Nm
No-load speed	0 - 600 / 0 - 2.100 /min
Drill Ø steel	13 mm
Chuck capacity	1,5 - 13 mm
Weight (including battery pack)	1,5 kg
Vibration drilling metal*	3,2 m/s <sup>2</sup>

#### OPTIMAL WORK RESULT:

- Particularly precise drilling in steel with extremely high tool life and drill speed: **25 piece HSS-Co drill bit & storage case**, with drills made from cobalt alloy high-speed steel for extraordinary load (order no.: 627122000).
- LIHD Battery Pack 18 V/3,5 Ah**



### Change to thread: 18 Volt Cordless Tappers

GB 18 LTX BL Q I (Order no. 603827840)

This full-fledged cordless drill/screwdriver permits demanding screwdriving and drilling in steel up to a drill diameter of 13 mm. However, it also has a unique, patented thread cutting function. You can both drill and clean threads quickly and without interruption, thanks to the automatic change of the direction of rotation. The keyless chuck holds taps with square and straight shanks without any danger of slipping.



Max. torque soft/hard	60 Nm / 120 Nm
Adjustable torque	1 - 20 Nm
No-load speeds	0 - 600 / 0 - 2.050 /min
Largest thread diameter	M 12 (1/2" UNC/UNF)
Drill Ø steel	13 mm
Chuck capacity	13 mm
Weight (including battery pack)	2,4 kg
Vibration drilling metal*	3,2 m/s <sup>2</sup>

#### OPTIMAL WORK RESULT:

- Particularly precise drilling of steel, stainless steel and aluminium with extremely long tool life and drill speed: **25 piece HSS-Co drill bit & storage case** with drills made from cobalt alloy high-speed steel for extraordinary load (order no.: 627122000).
- LIHD Battery Pack 18 V/3,5 Ah**



### Fast and precise: 18 Volt cordless drill

BE 18 LTX (Order no. 600261840)

With it you drill faster up to a drill diameter of 6 mm. Since fast speeds of 4.000 /min mean drilling twice as fast than with standard drills/screwdrivers. The robust aluminium die cast gear housing is particularly sturdy under adverse conditions. Apart from the long service life, the precision also impresses thanks to the handy size and the central handle position on top of the chuck.



Maximum torque	4 Nm
No-load speeds	0 - 4000 /min
Drill Ø steel	6 mm
Chuck capacity	1 - 10 mm
Weight (including battery pack)	1,2 kg
Vibration drilling metal*	2,5 m/s <sup>2</sup>

#### OPTIMAL WORK RESULT:

- Particularly precise drilling of steel, stainless steel and aluminium with extremely long tool life and drill speed: **13 piece HSS-Co drill bit & storage case**, with drills made from cobalt alloy high-speed steel for extraordinary load (order no.: 627120000).
- LIHD Battery Pack 18 V/3,5 Ah**



### Avoid kickbacks: 18 Volt Cordless Impact Driver

SSW 18 LTX 400 BL (Order no. 602205840)

Permit yourself ergonomic, low-kickback working - with an extremely high torque. The unique Metabo brushless motor stands for quick work progress and highest efficiency in each of your applications.



Maximum torque	400 Nm
Speed/torque levels	12
Maximum impact rate	4.250 /min
Max. no-load speed	0 - 2.150 /min
Bit retainer	Male square 1/2" (12,70 mm)
Weight (including battery pack)	1,9 kg
Vibrations impact drilling*	12 m/s <sup>2</sup>

#### OPTIMAL WORK RESULT:

Each made of high-quality chrome molybdenum steel:

- For metric screws: **10 piece socket wrench set 1/2" Drive** (order no.: 628831000)
- For deep-seated screwed connections: **150 mm extension 1/2" Drive** (order no.: 628832000).
- LIHD Battery Pack 18 V/3,5 Ah**



\*uncertainty of measurement K: 1,5 m/s<sup>2</sup>

\*uncertainty of measurement K: 1,5 m/s<sup>2</sup>

## Cordless installation

### No stirring up dust: 18 Volt Cordless Combination Hammer

KHA 18 LTX BL 24 Quick Set ISA (Order no. 600211900)

Are you looking for an extremely light and handy cordless hammer with dust extraction? Thanks to brushless technology, high-performance hammer action, efficiency and service life, the integrated and compact dust extraction ISA 18 LTX 24 ensures almost dust-free drilling.



#### OPTIMAL WORK RESULT:

- When hammer drilling in concrete with drills from the **7 piece SDS-plus Pro 4 Premium** (order no.: 626245000). Full carbide head with 4 90° cutting edges, symmetry extremely durable and resistant to breakage also when hitting reinforced iron.
- **LHD battery pack 18 V/3.5 Ah**

Max. single-impact energy (EPTA)	2.2 J
Maximum impact rate	4.500 /min
No-load speed	0 - 1.200 /min
Max. drill-Ø concrete with hammer drills	24 mm
Bit retainer	SDS-plus
Weight (including battery pack)	4,5 kg
Vibrations hammer drilling concrete*	10,5 m/s²

### A bright idea: Cordless Site Light

BSA 14.4-18 LED (Order no. 60211860)

This work light distributes its illumination over a large area and uniformly. Furthermore, the light is very pleasant, since it imitates daylight. You can regulate it on two brightness levels. Additional features are the extremely long output of up to 9 hours with one battery pack charge, as well as the minimal heat generation.



#### OPTIMAL WORK RESULT:

- In any position with the right tripod (order no.: 628791000)
- **LHD battery pack 18 V/3.5 Ah** or **LHD battery pack 18 V/7.0 Ah**

Max. luminous flux	Max. luminous flux
Max. duration of illumination per battery pack charge	
18 V / LHD 3.5	4,5 h
18 V / LHD 7.0	9 h

\*Uncertainty of measurement K: 1.5 m/s²

### Safe decision: 18 Volt Cordless Angle Grinder

WB 18 LTX BL 125 Quick (Order no. 613077840)

For all who want it: The uniquely encapsulated Metabo brushless motor ensures fast work progress, long service life and highest efficiency; the slim design ensures low-fatigue working, whilst the rotating battery pack provides flexibility in tight spaces. The fast brake system with safety spindle and the electronic safety shutdown if the disc jams, guarantee maximum user safety.



Detachable dust protection filter protects motor from coarse particles

#### \*\* OPTIMAL WORK RESULT:

- Cutting jobs with the **"Flexiarapid Super" Inox**, the 1 mm thin high-performance cutting disc for maximum number of cuts with one battery pack (order no.: 616229000).
- The **semi enclosed cutting guard** must be used for cutting jobs with bonded cutting discs (order no.: 630352000).
- Cutting and grinding jobs with the **"Combinator"** with a disc thickness of just 1.9 mm - a disc for two applications, fast cutting and easy deburring / grinding (order no.: 616501000).

- **LHD Battery Pack 18 V/7.0 Ah**

Grinding wheel Ø	125 mm
No-load speed	9.000 /min
Weight (including battery pack)	2,8 kg
Vibrations surface grinding*	5 m/s²

### Free power development: 2x18 Volt Cordless Angle Grinder

WPB 36-18 LTX BL 230 (Order no. 613102840)

Thanks to numerous technical innovations you can profit from greatest productivity, efficiency, ergonomics and safety. The first large angle grinder (Ø 230 mm) with battery operation offers you independence from mains power with 100% compatibility in the 18 Volt class, as well as a wide range of applications thanks to an extremely large cutting depth of 77 mm. Another advantage: Long service life in dusty environments thanks to unique encapsulated Metabo brushless motor.



#### \*\* OPTIMAL WORK RESULT:

- When cutting with **"Flexiarapid Super" Inox** for greatest cutting output with very long tool life thanks to the use of special corundums (order no.: 616229000).
- Kindly always use a semi-closed guard when cutting with bonded cutting discs (order no.: 630363000).

- **2x LHD Battery Pack 18 V/7.0 Ah**

18 V	18 V	36 V
Grinding wheel Ø	230 mm	
No-load speed	6.600 /min	
Weight (including battery pack)	6,5 kg	
Vibrations surface grinding	8,2 m/s²	

\*Uncertainty of measurement K: 1.5 m/s²

\*\* OSA  
The Symbol of Safety



## Maximum safety

The less time lost due to work related illness, the higher your productivity. Our products offer utmost safety and protection for the user - with this we are continuously setting new standards on the market.



**Metabo S-automatic mechanical safety clutch**  
minimises kickback when the tool stops unexpectedly



**Electronic safety shutdown**  
reduces kickback when the tool stops unexpectedly



**Integrated auto-balancer**  
for up to 50% less hand-arm vibrations



**Metabo VibraTech (MVT)**  
for vibration damping and convenient continuous mode



**Paddle switch with dead man function**  
for safe handling



**Fastest brake system**  
stops the tool within seconds after switching off



**Restart protection**  
prevents unintentional start-up after power supply interruption



**Electronic soft start**  
for smooth start-up



**Steel ring to accommodate the carabiner**  
secures the angle grinder from falling when working at height



**Flat-Head Angle Grinder**  
with extremely flat gear head for working inside acute angles



**Optimal Dust Protection**  
Chips and dust are extracted immediately and effectively



The Symbol of Safety

All Metabo grinding wheels and grinding accessories meet the highest safety standards, international standards and safety requirements such as EN 12413 and OSA

## Metabo - always close by.

With 1,800 employees, 25 subsidiary sales companies and 100 importers on all continents, we have a global presence on site - and always there whenever and wherever you need us.



Your Metabo dealer:

**XXL**  
3 YEARS WARRANTY

### The Metabo 3-year warranty

We give you an extra XXL warranty on all our products. Simply register your product online within 4 weeks of purchase and your standard guarantee is extended to three years.

Register at [www.metabo-service.com](http://www.metabo-service.com)

Metabowerke GmbH  
Metabo-Allee 1  
D-72622 Nürtingen  
[www.metabo.com](http://www.metabo.com)



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