



**when it really counts**  
**METABO DELIVERS...**



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

WHAT YOU EXPECT FROM  
PROFESSIONAL POWER TOOLS:  
**METABO DELIVERS**  
PRODUCTIVITY, PERFORMANCE, SAFETY, QUALITY



## ULTIMATE PRODUCTIVITY



Metabo knows you expect high productivity from your power tools. Our goal is to create system solutions with the highest productivity, saving time and money when pairing our tools and accessories.



## PERFORMANCE



Metabo power tool and accessory systems are designed to exceed expectations: for all your applications, our solutions will perform better than any other system, making sure you get a better job done faster.



## MAXIMUM SAFETY



Between lost time and injury related costs, safety is of utmost importance for today's professionals. Our products offer innovative safety features and protection, which continuously set the market standard.



## QUALITY



Since 1924, Metabo continues to engineer and manufacture innovative tools and accessories for professional users in our Nürtingen, Germany plant. We are perhaps the most vertically integrated power tool manufacturer, allowing us to control the quality of the manufacturing processes within the tightest tolerances, from aluminum die-casting to injection composite molding. At Metabo, we use the highest quality raw materials to manufacture tools; Metabo knows what drives quality and durability in a tool.

**MADE IN GERMANY**



Aluminum Foundry



Engineering



Plastic Injection Molding



Mold Construction



Mechanical Production



Assembly



Steel Parts with Hardening Plant



Motor Production



# Angle Grinder Features Reference Guide

## Safety Solutions

### Metabo S-Automatic Mechanical Safety Clutch



- Increased safety, predictable handling
- Clutch helps to prevent kickback and wheel shattering



### Brake Technology



- Stops thin cutting wheels in under 1 sec
- Stops grinding wheels in under 2 sec
- Greatly reduces the likelihood of injury from kickback or loss of control



### Auto-Balance System



- 100% greater wheel life
- 100% greater tool life
- 50% less vibration reduces likelihood of work related disorders



### Electronics



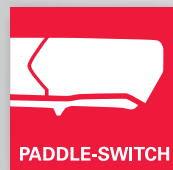
- Protection against accidental restart

### Metabo VibraTech (MVT) Handle



- Reduces vibration by up to 60% compared to other handles

### Non-Locking Paddle Switch



- Ergonomic switch promotes safer grinder use

### Drop Secure



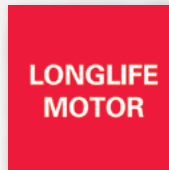
- Secure tethering eye at the rear of the tool for attachment to a lanyard

A 6.5 lbs. angle grinder dropped from 30 ft. can strike with over 600 lbs. of deadly force!



## Productivity Solutions

### LongLife Motor with Winding Protection Grid

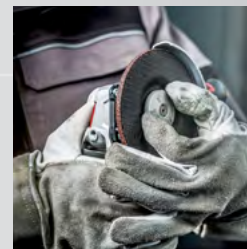


- Less heat, higher overload capacity, extends motor life by 5 times

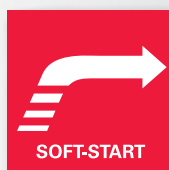
### M-Quick Toolless Wheel Change System



- Metabo quick wheel change system allows for safe, tool-free wheel change



### Electronics



Soft start for longer tool life



Armature speed



Amp load

### Vario Tacho-Constamatic (VTC) Electronics

- VTC full wave electronics: work at customized speeds to suit the application material and speeds that remain almost constant, even under load

### Tacho-Constamatic (TC) Electronics

- TC full wave electronics: highest productivity by maintaining no load speed through the full load range for maximized productivity

### Multi-Position Safety Handle



- Infinite adjustment of the side handle for ergonomic, low-fatigue working (e.g. for cutting jobs, left-handed users or in confined spaces)

LEARN MORE!



# BOOST PERFORMANCE



## "THE METABO SYSTEM"



FOR HIGHEST PERFORMANCE, PRODUCTIVITY, SAFETY AND QUALITY:  
PAIR METABO TOOLS AND ACCESSORIES



Metabo matches the performance of our tools with a coordinated range of accessories and consumables, allowing you to achieve increased productivity, extended service life, and the reliability expected from a Metabo system.

### Power Tools



### Accessories

Metabo offers a complete range of metal cutting, grinding, and finishing accessories, plus carbide bits, chucks, and much more.



Dust extraction systems, job matched guards, and unique ergonomic handles, plus our cordless technology, allow you to work anywhere safely.



When pairing Metabo tools and accessories you can:

- Enjoy the safest systems in the industry
- Optimize the use, performance and efficiency of Metabo tools
- Save money: Metabo systems offer the lowest overall cost of operation



#### Performance Solutions

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#### Productivity Solutions

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#### Safety Solutions

For more information on Metabo product, accessories or services contact your local Metabo sales representative or Metabo.

#### Quality Solutions



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