







02



## Angle Grinders

- ▶ Patented mechanical **safety slip clutch** reduces the risk of grinder kickback and wheel breakage
- ▶ **Safety brake** versions stop wheels in as little as 1 second
- ▶ **Electronic "cruise control" and performance monitoring** increase productivity and service life up to 100% over competitive tools
- ▶ **Patented flathead grinders** access acute angles as tight as 39°
- ▶ **Anti-vibration systems** reduce hand/arm vibrations by 60%, extending the wheel and tool life up to 100%

# Angle Grinder Key Features



LEARN MORE!

## MADE IN GERMANY

### LONGLIFE MOTOR

**LongLife Motor with Winding Protection Grid:**

- for quicker material removal and longer service life



Cruise Control Electronics



### S-Automatic Safety Clutch:

- Increased safety, predictable handling.
- Clutch helps to protect operator from kick back



### "Quick" Toolless Wheel Change System:

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



### Rear Air Intake:

- Maximizes flow of cooling air, for increased protection from overheating and overload

### Drop Secure Ring / Rear Tether Attachment Point

Tether shown not included



### Auto-balance System:

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



### Paddle Switch with Deadman Function:

- Ergonomic non-slip switch promotes safer grinder use



For increased control, better ergonomics (rat-tail design available)

### MVT Vibratex Handle:

- Reduces vibration by up to 60% compared to other handles. The risk of "White Finger Syndrome" caused by vibration exposure over the workers' lifespan is reduced considerably!



### Brake Technology:

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



Note: features depend on specific model



### Rear vents:

Optimizes air flow for cooler operation



**Gear housing can be rotated at 90° steps:**  
For left-handed operation or for cutting



**Multi-position safety handle #627362000**  
Infinite adjustment of the side handle.

# 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!





# 4 1/2"-5" ANGLE GRINDERS



**W 750-115**  
4 1/2" Angle Grinder



**WP 850-125**  
4 1/2"-5" Angle Grinder w/  
Non-locking Paddle Switch





**W 850-125**  
4 1/2"-5"  
Angle Grinder



**W 11-125 Set**  
4 1/2"-5" Angle Grinder

**NEW**

Model	W 750-115 603604420	W 850-125 603608420	WP 850-125 603610420	W 11-125 Set 603622850
<b>Key Features</b>				 
Maximum wheel diameter	4 1/2"	4 1/2"-5"	4 1/2"-5"	4 1/2"-5"
Amps	7.0	8.0	8.0	11.0
Rated input watts	750	850	850	1100
No-load speed (RPM)	11,000	11,500	11,500	11,000
Switch Type	Lock-on slide	Lock-on slide	Non-locking paddle	Lock-on slide
Motor	<b>Heavy Duty</b>	<b>Heavy Duty</b>	<b>Heavy Duty</b>	LongLife
AC/DC capability	AC	AC	AC	AC/DC
Metabo safety slip clutch				•
Rotatable gear housing				•
Burst-proof guard	•	•	•	w/ 7 stops
Ergonomic side handle	•	•	•	•
Auto-stop carbon brushes	•	•	•	•
Winding protection grid				•
<b>Standard equipment:</b>				
Type 27 wheel guard	339209570	339204770	339204770	339204500
Side handle	314000540	314000540	314000540	314000540
Inner flange	341031290	341031290	341031290	341031290
Locking nut	341101480	341101480	341101480	341101480
Spanner wrench	623934000	623934000	623934000	623934000
Carrying case				344454180
Diamond wheel				624306000
5" Clip-on Dust Extraction Shroud				630401000
<b>Optional equipment:</b>				
Steel type 1 cutting guard	631189000			US339203030
Quick-clip on type 1 cutting guard		630352000	630352000	630352000



**W 11-125 Quick**  
4 1/2"-5" Angle Grinder



**WP 13-125 Quick**  
4 1/2"-5" Angle Grinder with  
Non-locking Paddle Switch



**WP 11-125 Quick**  
4 1/2"-5" Angle Grinder  
with Non-locking Paddle Switch







**WPB 18 LTX BL 115**  
4 1/2" Brushless Paddle  
Switch Angle Grinder with  
Brake

Model	W 11-125 Quick 603623420	WP 11-125 Quick 603624420	WP 13-125 Quick 603629420	WPB 18 LTX BL 115 613074620
<b>5.5Ah Kit:</b> ASC30-36 Chgr + 2 LiHD 5.5 Ah Batteries				
<b>Bare Tool:</b>				
<b>Key Features</b>	 	  	   	    
Maximum wheel diameter	4 1/2"-5"	4 1/2"-5"	4 1/2" - 5"	4 1/2"
Amps	11.0	11.0	12.0	18V
Rated input watts	1100	1100	1,250	
No-load speed (RPM)	11,000	11,000	11,000	9,000
Switch Type	Lock-on slide	Non-Locking Paddle	Non-Locking Paddle	Non-Locking Paddle
Motor	LongLife	LongLife	LongLife	Brushless
AC/DC capability	AC/DC	AC/DC	AC/DC	18V DC
Safety brake				•
Metabo safety slip clutch	•	•	•	
Quick wheel change system	•	•	•	•
Electronic: Power interruption protection, clutch, overload protection				•
Rotatable gear housing	•	•	•	•
Burst-proof guard	w/ 7 stops	w/ 7 stops	w/ 7 stops	w/ 7 stops
Side handle	Vibration dampened	Vibration dampened	MVT Vibratech	Vibration dampened
Auto-stop carbon brushes	•	•	•	•
Winding protection grid	•	•	•	•
<b>Standard equipment:</b>				
Charger				627046000 (ASC 55)
2 - 18V 5.5 Ah LiHD ext. batteries*				625368000
Type 27 wheel guard	339204500	339204500	339204500	339203480
Side handle	316046590	316046590	314000970	316046590
Inner flange	341031290	341031290	341031290	341031290
Locking nut	316055450	316055450	316055450	316062590
Spanner wrench				623934000
Carrying case				Kit only
<b>Optional equipment:</b>				
Quick-clip on type 1 cutting guard	630352000	630352000	630352000	630351000
Dust filter	630835000	630792000	630792000	313062620
Multiple position side handle bar	627362000	627362000	627362000	



## 4 1/2"-5" ANGLE GRINDERS



Model	W 1100-125 603614420	WP 1100-125 603612420	W 13-125 Quick 603627420
<b>Key Features</b>			  
Maximum wheel diameter	4 1/2" - 5"	4 1/2" - 5"	4 1/2" - 5"
Amps	11.0	11.0	12.0
Rated input watts	1,100	1,100	1,250
No-load speed (RPM)	12,000	12,000	10,000
Switch Type	Lock-on slide	Non-locking paddle	Lock-on slide
Motor	<b>Heavy Duty</b>	<b>Heavy Duty</b>	LongLife
AC/DC capability	AC/DC	AC/DC	AC/DC
Metabo safety slip clutch			•
Quick wheel change system			•
Rotatable gear housing	•	•	•
Burst-proof guard	•	•	w/ 7 stops
Side handle	Ergonomic	Ergonomic	MVT Vibratech
Auto-stop carbon brushes	•	•	•
Winding protection grid			•
<b>Standard equipment:</b>			
Type 27 wheel guard	339204500	339204500	339204500
Side handle	314000540	314000540	314000970
Inner flange	341031290	341031290	341031290
Locking nut	341101480	341101480	316055450
Spanner wrench	623934000	623934000	
<b>Optional equipment:</b>			
Type 1 cutting guard (steel)	US339203040	US339203040	US339203040
Quick-clip on type 1 cutting guard	630352000	630352000	630352000
Dust filter			630709000
Multiple position side handle bar			627362000




**WPB 13-125 Quick DS**  
4 1/2" - 5" Angle Grinder  
with Non-locking Paddle  
Switch and Brake



**WEPBA 17-125 Quick DS**  
Electronic 4 1/2" - 5" Angle  
Grinder with Non-locking  
Paddle Switch, Brake,  
Auto-balance  
and Drop Secure



**WEP 15-125 Quick**  
4 1/2" - 5" Angle Grinder  
with Non-locking Paddle Switch

Model	WPB 13-125 Quick DS 600437420	WEP 15-125 Quick 600476420	WEPBA 17-125 Quick DS 600549420
<b>Key Features</b>	    	     	      
Maximum wheel diameter	4 1/2" - 5"	4 1/2" - 5"	4 1/2" - 5"
Amps	12.0	13.5	14.5
Rated input watts	1,250	1,550	1,700
No-load speed (RPM)	11,000	11,000	11,000
Switch Type	Non-locking paddle	Non-locking paddle	Non-locking paddle
Motor	LongLife	LongLife	LongLife
AC/DC capability	AC/DC	AC	AC
Mechanical brake technology	•		•
<b>Drop secure tethering point</b>	•		•
Auto-balance vibration control			•
Metabo safety slip clutch	•	•	•
Quick wheel change system	•	•	•
Electronic features:		•	•
Electronic speed stabilization		TC	TC
Power interruption protection		•	•
Soft start feature		•	•
Overload protection w/ LED		•	
Rotatable gear housing	•	•	•
Burst-proof guard w/ 7 stops	•	•	•
Side handle	MVT Vibratex	MVT Vibratex	MVT Vibratex
Auto-stop carbon brushes	•	•	•
Winding protection grid	•	•	•
<b>Standard equipment:</b>			
Charger			627046000 (ASC 55)
Type 27 wheel guard	339204500	339204500	339204970
MVT Vibratex side handle	314000970	314000970	314000970
Inner flange	341031290	341031290	
Locking nut	316055450	316055450	316055450
Spanner wrench			
<b>Optional equipment:</b>			
Type 1 cutting guard (steel)	US339203040	US339203040	US339203040
Quick-clip on type 1 cutting guard	630352000	630352000	630352000
Dust filter		630792000	
Multiple position side handle bar	627362000	627362000	627362000



# 4 1/2"-5" RAT TAIL GRINDERS



**WP 1200-125 RT**  
5" Angle Grinder



**WE 17-125 Quick RT**  
5" Angle Grinder



**WEV 1500-125 RT**  
5" Variable Speed Angle Grinder



**WEPBA 17-125 Quick RT DS**  
5" Angle Grinder



Model # (lock-on trigger)	WP 1200-125 RT 601240420 US601240762	WEV 1500-125 RT 601243420	WE 17-125 Quick RT 601086420	WEPBA 17-125 Quick RT DS 600605420
<b>Key Features</b>				
Maximum wheel diameter	4 1/2" - 5"	4 1/2" - 5"	4 1/2"-5"	4 1/2"-5"
Amps	10.2	13.2	14.6	14.5
Rated input watts	1,200	1,500	1,700	1,700
No-load speed (RPM)	11,000	3,500-11,000	10,000	10,000
Switch Type	Depends on model	Locking trigger	Locking trigger	Non-locking trigger
Motor	<b>Heavy Duty</b>	<b>Heavy Duty</b>	LongLife	LongLife
AC/DC capability	AC/DC	AC	AC	AC
Mechanical brake technology				•
<b>Drop secure tethering point</b>				•
Auto-balance vibration control				•
Metabo safety slip clutch			•	•
Electronic features:				
Speed stabilization		VTC	TC	TC
Soft start feature		•	•	•
Overload protection		•	•	•
Electronic clutch		•		
Ergonomic rat tail design	•	•	•	•
Tool-less adjustable burst-proof guard	•	•	w/ 7 stops	w/ 7 stops
Side handle	Vibration dampened	Vibration dampened	MVT Vibratex	MVT Vibratex
Auto-stop carbon brushes	•	•	•	•
<b>Standard equipment:</b>				
Type 27 wheel guard	339203490	339203490	339204500	339204500
Side handle	316046590	316046590	314000970	314000970
Inner flange	341031290	341031290	341031290	341031290
Locking nut	341101480	341101480	316055450	316055450
Spanner wrench	623934000	623934000		
<b>Optional equipment:</b>				
Filter			630719000	
Type 1 cutting guard (steel)			US339203040	US339203040
Quick-clip on type 1 cutting guard	630352000	630352000	630352000	630352000

# 6" - 7" RAT TAIL GRINDERS



**WE 1500-150 RT**  
6" Angle Grinder



**WEP 1500-150 RT**  
6" Angle Grinder



**WEPBA 17-150 Quick RT DS**  
6" Angle Grinder



**WEP 17-150 Quick RT**  
6" Angle Grinder



**WEPB 19-180 RT DS**  
7" Angle Grinder



**Model # (lock-on trigger)**  
**# (non locking trigger)**

**WE 1500-150 RT**  
**601242420**  
**601244420**  
**WEP 1500-150 RT**

**WEP 17-150 Quick RT**  
**601078420**

**WEPBA 17-150 Quick RT DS**  
**600606420**

**WEPB 19-180 RT DS**  
**601096420**

**Key Features**

	WE 1500-150 RT	WEP 17-150 Quick RT	WEPBA 17-150 Quick RT DS	WEPB 19-180 RT DS
Maximum wheel diameter	6"	6"	6"	7"
Amps	13.2	14.6	14.5	15.0
Rated input watts	1,500	1,750	1,750	1,900
No-load speed (RPM)	9,600	9,600	9,600	8,200
Switch Type	Depends on model	Non-Locking	Non-Locking	Non-Locking
Motor	<b>Heavy Duty</b>	LongLife	LongLife	LongLife
AC/DC capability	AC	AC	AC	AC
Mechanical brake technology			•	•
<b>Drop secure tethering point</b>			•	•
Auto-balance vibration control			•	•
Metabo safety slip clutch		•	•	•
Electronic features:				
Speed stabilization	TC	TC	TC	TC
Soft start feature	•	•	•	•
Overload protection	•	•	•	•
Electronic clutch	•	•	•	•
Ergonomic rat tail design	•	•	•	•
Tool-less adjustable burst-proof guard	•	w/ 7 stops	w/ 7 stops	w/ 7 stops
Side handle	Vibration dampened	MVT Vibrattech	MVT Vibrattech	MVT Vibrattech
Auto-stop carbon brushes	•	•	•	•
<b>Standard equipment:</b>				
Type 27 wheel guard	339204450	339204510	339204510	339204790
Side handle	316046590	314000970	314000970	314000970
Inner flange	341031290	341031290	341031290	
Locking nut	341101480	316055450	316055450	
Spanner wrench	623934000			
Wheel mounting kit for type 27 whls				316037200
Guard for non-bubbed wheels				339204780
<b>Optional equipment:</b>				
Type 1 cutting guard (steel)		US339203050	US339203050	630383000
Quick-clip on type 1 cutting guard	630353000	630353000	630353000	
Deep guard for threaded accessories			630412000	
Type 27 guard flange kit for non-hubbed wheels				655199000
Multi-position Handle		627362000	627362000	627362000



# 6" ANGLE GRINDERS



Included:  
4 1/2" and 6" wheel  
guards, for use with  
all your applications

**WPB 18 LTX BL 150**  
6" Brushless Paddle  
Switch Angle Grinder  
with Brake



**NEW**

**WP 13-150 Quick**  
6" Angle Grinder  
with Non-locking Paddle Switch



**NEW**

**W 13-150 Quick**  
6" Angle Grinder



**NEW**

**WPB 13-150 Quick DS**  
6" Angle Grinder  
with Non-locking  
Paddle Switch, Brake  
and Drop Secure



Model	WPB 18 LTX BL 150	W 13-150 Quick	WP 13-150 Quick	WPB 13-150 Quick DS
	613076640 613076860	603632420	603633420	603645420
<b>8.0Ah Kit:</b> ASC30-36 Chgr + 2 LiHD 8.0 Ah Batteries <b>Bare Tool:</b>				
<b>Key Features</b>				
Maximum wheel diameter	6"	6"	6"	6"
Amps		12.0	12.0	12.0
Rated input watts		1,250	1,250	1,250
No-load speed (RPM)	9,000	10,000	10,000	10,000
Switch Type	Non-locking paddle	Lock-on slide	Non-locking paddle	Non-locking paddle
Motor	Brushless	LongLife	LongLife	LongLife
AC/DC capability	18V DC	AC/DC	AC/DC	AC/DC
Safety brake	•			•
Mechanical brake technology				•
<b>Drop secure tethering point</b>				•
Metabo safety slip clutch		•	•	•
Quick wheel change system	•	•	•	•
Electronic: Power interruption protection, clutch, overload protection	•			
Rotatable gear housing	Rotatable battery pack	•	•	•
Burst-proof guard	•	w/7 stops	w/7 stops	w/7 stops
Side handle	Vibration dampened	MVT Vibratex	MVT Vibratex	MVT Vibratex
Auto-stop carbon brushes		•	•	•
Winding protection grid		•	•	•
<b>Standard equipment:</b>				
2 - 18V 8.0 Ah LiHD ext. batteries*	625369000			
Charger	627046000 (ASC 55)			
Type 27 wheel guard - 4 1/2" and 6"	339204450 / 339204490	339204510	339204510	339204510
Side handle	316046590	314000970	314000970	314000970
Inner flange	341031290	341031290	341031290	341031290
Locking nut	341101480	316055450	316055450	316055450
Carrying case	Kit only			
Spanner wrench	623934000			
<b>Optional equipment:</b>				
Quick-clip on type 1 cutting guard	630353000	630353000	630353000	630353000
Dust filter	316062620	630709000	630792000	
Multiple position side handle bar		627362000	627362000	627362000



**WE 15-150 Quick**  
Electronic 6" Angle Grinder



**WEP 17-150 Quick**  
Electronic 6" Angle Grinder with Non-locking Paddle Switch





**WEP 15-150 Quick**  
Electronic 6" Angle Grinder with Non-locking Paddle Switch



**WEPBA 17-150 Quick DS**  
Electronic 6" Angle Grinder with Non-locking Paddle Switch, Brake, Auto-balance and Drop Secure



Model	WE 15-150 Quick 600464420	WEP 15-150 Quick 600488420	WEP 17-150 Quick 600507420	WEPBA 17-150 Quick DS 600553420
<b>Key Features</b>	  	   	   	      
Maximum wheel diameter	6"	6"	6"	6"
Amps	13.5	13.5	14.5	14.5
Rated input watts	1,550	1,550	1,700	1,700
No-load speed (RPM)	9,600	9,600	9,600	9,600
Switch type	Lock-on slide	Non-locking paddle	Non-locking paddle	Non-locking paddle
Motor	LongLife	LongLife	LongLife	LongLife
AC/DC capability	AC	AC	AC	AC
Mechanical brake technology				•
<b>Drop secure tethering point</b>				•
Metabo safety slip clutch	•	•	•	•
Quick wheel change system	•	•	•	•
Electronic features:				
Electronic speed stabilization	TC	TC	TC	TC
Power interruption protection	•	•	•	•
Soft start feature	•	•	•	•
Overload protection w/ LED	•	•	•	•
Rotatable gear housing	•	•	•	•
Burst-proof guard w/ 7 stops	•	•	•	•
Side handle	MVT Vibratech	MVT Vibratech	MVT Vibratech	MVT Vibratech
Auto-stop carbon brushes	•	•	•	•
Winding protection grid	•	•	•	•
<b>Standard equipment:</b>				
Type 27 wheel guard	339204510	339204510	339204510	339204510
Quick-clip on type 1 cutting guard	630353000	630353000	630353000	630353000
Side handle	314000970	314000970	314000970	314000970
Inner flange	341031290	341031290	341031290	
Locking nut	316055450	316055450	316055450	316055450
<b>Optional equipment:</b>				
Steel type 1 guard	US339203050	US339203050	US339203050	US339203050
Deep guard for threaded accessories				630412000
Dust filter	630709000	630792000	630792000	
Multiple position side handle bar	627362000	627362000	627362000	627362000



# 4 1/2"-6" VARIABLE SPEED ANGLE GRINDERS



**WEV 11-125**  
Electronic Variable Speed  
4 1/2"/ 5" Angle Grinder



**WEV 15-125 HT**  
Electronic Variable Speed  
4 1/2"/ 5" Angle Grinder















**WEV 1500-125 RT**  
Electronic Variable Speed  
4 1/2"/ 5" Angle Grinder



**WEV 15-125 Quick**  
Electronic Variable Speed  
4 1/2"/ 5" Angle Grinder



**WEV 15-150 HT**  
Electronic Variable Speed  
6" Angle Grinder

Model	WEV 11-125 603625420	WEV 15-125 Quick 600468420	WEV 15-125 HT 600562420	WEV 1500-125 RT 601243420	WEV 15-150 HT 600563420
<b>Key Features</b>	 	   	 	 	 
Maximum wheel diameter	4 1/2" - 5"	4 1/2" - 5"	4 1/2" - 5"	4 1/2" - 5"	6"
Amps	11.0	13.5	13.5	13.2	13.5
Rated input watts	1,000	1,550	1,550	1,500	1,550
No-load speed (RPM)	2,800-10,500	2,800-11,000	2,800-9,600	3,500-11,000	2,000-7,600
Switch Type	Lock-on slide	Lock-on slide	Lock-on slide	Locking trigger	Lock-on slide
Motor	LongLife	LongLife	LongLife	<b>Heavy Duty</b>	LongLife
Metabo safety slip clutch	•	•	•	•	•
Quick wheel change system		•			
Electronics features:					
Speed stabilization	VC	VTC	VTC	VTC	VTC
Power interruption protection	•	•	•	•	•
Soft start feature	•	•	•	•	•
Overload protection w/ LED	•	•	•	•	•
Rotatable gear housing	•	•	•	•	•
Burst-proof guard w/ 7 stops	•	•	•	•	•
Side handle	Vibration dampened	MVT Vibratch	Vibration dampened	Vibration dampened	Vibration dampened
Auto-stop carbon brushes	•	•	•	•	•
Winding protection grid	•	•	•	•	•
<b>Standard equipment:</b>					
Type 27 wheel guard	339204500	339204500	339204500	339203490	339204510
Side handle	316046590	314000970	316046590	316046590	316046590
Inner flange	341031290	341031290	341031290	341031290	341031290
Locking nut	341101480	316055450	341101480	341101480	341101480
Spanner wrench	623934000		623934000	623934000	623934000
<b>Optional equipment:</b>					
Type 1 cutting guard (steel)	US339203040	US339203040	US339203040		US339203050
Quick-clip on type 1 cutting guard	630352000	630352000	630352000	630352000	630353000
Dust filter		630709000	630709000		630709000

## DUSTLESS SHROUDS FOR MASONRY GRINDING AND CUTTING



**626732000**  
5" Convertible shroud for concrete grinding. Fits all Metabo W9, 12, 15, 17, 19 series grinders



Dustless convertible shroud for concrete surface prep  
**655154000** For all current large 7" angle grinders W 24 / W 26  
**655153000** For all current small 5" angle grinders W 9 / W 11 / W 12 / W 13 / W 15 / W 17



**630401000**  
5" Clip-on Dustless Cutting Shroud



**626731000**  
CED 125 Plus Anti-Static Shroud for concrete cutting with guide rail



**628216000**  
Dustless Tuck Point Guard Fits small angle grinders, W 9/W 12/W 15/W 17



**US626752000**  
CED 230  
9" Dustless concrete cutting shroud fits Metabo 9" large grinders. **Professional series only**

## GUARDS



Quick-clip on type 1 cutting guard  
**630351000** - 4 1/2"  
**630352000** - 5"  
**630353000** - 6"  
Fits W9, W/WP/WPB12, W1200, WE/WEP/WEPBA15, WEV1500, WE/WEP/WEPBA17 series grinders

Type 1 steel cup wheel guard



4 1/2" **US339203030**  
5" **US339203040**  
6" **US339203050**  
7" **630383000** (For WEPB 19 & WPB 36)  
7" **630356000** (For W 24 MVT series)  
9" **630357000** (For W 24 / W 26 MVT series)  
9" **630363000** (For WPB 36 only) (Does not fit W 750/W 850/W 1100/W 1200/W 1500)



Deep guard for threaded accessories  
5" **339204970**  
6" **630412000**



Cup wheel guard and flange for mounting 4" - 6" Type 11 cup wheels on 7" - 9" angle grinders  
Guards: **655174000** - 4"/5", **655178000** - 6".  
Mounting flange **US90357006**



**623276000** Cup wheel guard for mounting 3 1/8" Type 6 cup wheels on 4 1/2" - 6" angle grinders  
**Professional series only**

## ADAPTOR KITS AND SPANNER WRENCH



**316064350**  
For mounting non-hubbed 7" and 9" Type 27 wheels on all Metabo large angle grinders  
**655039000** Flange kit for competitive 7" and 9" angle grinders  
**655052000** replacement nut replacement nut for 655039000  
**316037200** Flange kit for 4-1/2" - 6" non-hubbed type 27 wheels



**US655038000** Adaptor kit for diamond blades on 7" - 9" grinders



**623934000** Straight  
**623910000** Offset



**630327000** hand guard for use on all polishers, angle sanders and grinders

## HANDLES



**627362000** Multiple Position Bar  
The 180 degree bar allows for infinite adjustment of the side handle



**US630342001** Loop handle for 7" - 9" angle sander & grinders



**623262000** Loop handle for small grinders  
Fits W/WP9, WE/WEV/WEV10, W/WP/WPB12, WE/WEV/WEV/WEPF/WEPBF15, WEP/WEPBA 17 grinders



**MVT Vibrattech Handle**  
Reduces vibration by up to 60% compared to other handles. The risk of "White Finger Syndrome" caused by vibration exposure over the workers' lifespan is reduced considerably!

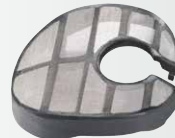
## BACKING PADS



Flexible backing pads for using abrasive discs on angle sanders and grinders.  
**623279000** - 4 1/2" w/ M14-2.0 nut  
**623283000** - 4 1/2" w/ 5/8-11 nut  
**623284000** - 5" w/ 5/8-11 nut  
**623281000** - 7" w/ 5/8-11 nut  
**623282000** - 9" w/ 5/8-11 nut



**630835000**  
Fits W9, W10, W11 slide switch grinders



**630792000**  
Fits WP 12, WP 13, WEP 15, WEP 17 paddle switch grinders



**630709000**  
For W12, W13, WE 15, WE 17 slide switch grinders



**630719000**  
Rat-tail models

## DUST PROTECTION FILTERS

# 7"-9" LARGE ANGLE GRINDERS



**W 2200-180**  
7" Angle Grinder

**W 24-180 MVT**  
7" Angle Grinder

**WEPB 24-180 MVT**  
7" Electronic Angle Grinder  
with Brake

**WPB 36-18 LTX BL 230**  
9" Cordless Angle Grinder

**Compact 7" Rat Tail WEPB 19-180 RT DS**  
See page 49

**18 V + 18 V = 36 V**

**Model**  
# (lock-on trigger)  
# (non-locking deadman switch)

**W 2200-180 (7")**  
606434420  
US606434760

**W 24-180 MVT**  
606466420  
US606466760  
606466460  
(Canada)

**WEPB 24-180 MVT**  
606478420

**WPB 36-18 LTX BL 230**  
613102860  
Bare tool  
(accepts 2 - 18V  
batteries)

**Key Features**

	W 2200-180 (7")	W 24-180 MVT	WEPB 24-180 MVT	WPB 36-18 LTX BL 230
Maximum wheel diameter	7"	7"	7"	9"
Amps	15	15	15	36V (2x 18V) LiHD
Rated input watts	2,200	2,400	2,400	2,400
No-load speed (RPM)	8,500	8,500	8,500	6,600
Switch Type	Depends on model	Depends on model	Non-locking paddle	Non-locking paddle
Motor	<b>Heavy Duty</b>	LongLife	LongLife	<b>Brushless</b>
AC/DC capability	AC/DC	AC/DC	AC	36V DC
Mechanical brake			•	
Safety brake				3 sec
Electronic features:				
Electronic clutch				•
Soft start			•	•
Power interruption protection			•	•
Overload protection w/ LED			•	•
Safety / pinch protection			•	•
<b>Safety lock to prevent accidental switching on of the tool</b>	•	•	•	•
Burst-proof guard	•	Tool-less	Tool-less	Tool-less
(3 position) side handle	Ergonomic	MVT Vibratech	MVT Vibratech	Anti-vibration
Twister 3-position rear handle for cutting/grinding		•	•	•
Auto-stop carbon brushes	•	•	•	
Winding protection grid		•	•	
Carrying case (standard)				•
<b>Standard equipment:</b>				
Type 27 wheel guard	316045010	316053530	316053530	314001470
Side handle	314000280	314000960	314000960	314000960
Inner flange				341031850
Locking nut				341101480
Spanner wrench				623934000
<b>Optional equipment:</b>				
Type 1 cutting guard	630386000	630356000	630356000	630363000 (9")
Type 1 cutting guard				630383000 (7")
Flange kit non-hubbed wheels	316064350	316064350	316064350	



# 7"-9" LARGE ANGLE GRINDERS

BRUSHLESS MOTOR



**W 2200-230**  
9" Angle Grinder

**W 24-230 MVT**  
9" Angle Grinder

**WEPB 24-230 MVT**  
9" Electronic Angle Grinder with Brake

**W 26-230 MVT**  
9" Angle Grinder

Model # (lock-on trigger) # (non-locking deadman switch)	W 2200-230 (9") 606435420 US606435760	W 24-230 MVT 606467420 US606467760 606467460 (Canada)	WEPB 24-230 MVT 606479420	W 26-230 MVT 606474420 US606474760
<b>Key Features</b>			  	
Maximum wheel diameter	9"	9"	9"	9"
Amps	15	15	15	15
Rated input watts	2,200	2,400	2,400	2,600
No-load speed (RPM)	6,600	6,600	6,600	6,600
Motor	<b>Heavy Duty</b>	LongLife	LongLife	LongLife
AC/DC capability	AC/DC	AC/DC	AC	AC/DC
Mechanical brake			•	
Electronic features:				
Soft start			•	
Overload protection w/ LED			•	
Safety cut out / pinch protection			•	
Burst-proof guard	•	Tool-less	Tool-less	Tool-less
(3 position) side handle	Ergonomic	MVT Vibratech	MVT Vibratech	MVT Vibratech
Twister 3-position rear handle for cutting/grinding		•	•	•
Auto-stop carbon brushes	•	•	•	•
Winding protection grid		•	•	•
<b>Standard equipment:</b>				
Type 27 wheel guard	316045000	316053510	316053510	339204010
Side handle	314000280	314000960	314000960	314000960
<b>Optional equipment:</b>				
Type 1 cutting guard	630387000	630357000	630357000	630357000
Flange kit non-hubbed wheels	316064350	316064350	316064350	316064350

## OPTIONAL EQUIPMENT



**US655038000** Adaptor kit for diamond blades on 7" - 9" grinders



Dustless convertible shroud for concrete surface prep  
**655154000** 7" shroud. For all current large angle grinders W 24 / W 26  
**655153000** 5" shroud. For all current small angle grinders W 9 / W 12 / W 15 / W 17



**US630342001** Loop handle for 7" - 9" angle sander & grinders



**US626752000** CED 230  
 9" Dustless concrete cutting shroud fits Metabo 9" large grinders  
**Professional series only**

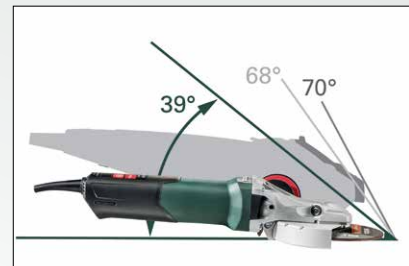


## Solutions for Tight Spaces

The patented gear drive allows for a very low profile head design that enables grinding in angles as small as 39°, and into narrow spaces as low as 2-5/8" high.

**Ergonomic design reduces fatigue, even when working on weld joints in difficult positions.**

Specifically designed abrasive accessories allow the flat head grinder to work faster, saving time and money.



Patented gear design: the Metabo flat head angle grinder vs. standard angle grinders

### Applications

Metal cutting and grinding	Steel erection	Ship building/maintenance
Metal fabrication	Pipefitting	General metal industry
		General contractors

LEARN MORE!



## Unmatched Safety



Typical problem...Grinder doesn't reach



This solution violates safety standards



**Metabo flat head grinders are THE SOLUTION**

- **Safety Brake\*** stops wheels in under 2 seconds
- **Metabo Safety Clutch** reduces the risk of kickback during jams
- **Non-Locking Paddle Switch\*** (OSHA preferred and required by many safety regulations)
- **Metabo MVT Vibratex Handle\*** reduces hand / arm vibration by up to 60%
- **Toolless, Adjustable Burst-Proof Guard with 7 Steps**

\*Available on select models

# 4 1/2" - 6" FLAT HEAD ANGLE GRINDERS

**4 1/2"-5" Flat Head Angle Grinder**  
WEF 9-125



**4 1/2"-5" Flat Head Paddle Switch Angle Grinder**  
WEPF 9-125



**4 1/2"-5" Flat Head Electronic Variable Speed High Torque Angle Grinder**  
WEVF 10-125 Quick INOX



**18V 4 1/2"-5" Flat Head Paddle Switch Cordless Angle Grinder**  
WPF 18 LTX 125



**6" Flat Head Electronic Angle Grinder**  
WEF 15-150 Quick



**6" Flat Head Paddle Switch Electronic Angle Grinder**  
WEPF 15-150 Quick



**6" Flat Head Paddle Switch Electronic Angle Grinder with Brake**  
WEPBF 15-150 Quick

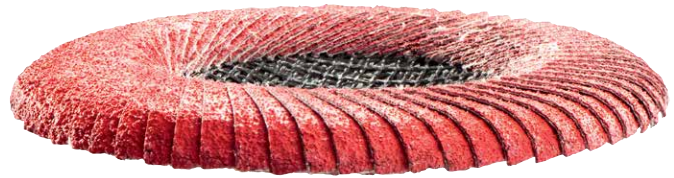



Model:	WPF 18 LTX 125	WEF 9-125	WEPF 9-125	WEVF 10-125 Quick INOX	WEF 15-150 Quick	WEPF 15-150 Quick	WEPBF 15-150 Quick
Order No.: CORDED TOOL	----	613060420	613069420	613080420	613083420	613084420	613085420
Order No.: 8.0 LiHD Kit (ASC30-36 Charger + 2 LiHD 8.0 Ah Batteries)	US613070620	----	----	----	----	----	----
Order No.: BARE TOOL	613070860	----	----	----	----	----	----







Maximum wheel diameter	4 1/2" - 5"	4 1/2" - 5"	4 1/2" - 5"	4 1/2" - 5"	6"	6"	6"
Amps	---	8.0	8.0	9.5	13.5	13.5	13.5
No-load speed (RPM)	8,000	10,000	10,000	2,000-7,600	9,600	9,600	9,600
Minimum clearance	43° / 2-5/8"	43° / 2-5/8"	43° / 2-5/8"	43° / 2-5/8"	39° / 2-5/8"	39° / 2-5/8"	39° / 2-5/8"
Mechanical brake							•
Non-locking paddle switch	•		•				•
Toolless wheel change	•			•	•	•	•
Motor	18V Cordless	LongLife	LongLife	LongLife	LongLife	LongLife	LongLife
Side handle	Vibration dampened	Vibration dampened	Vibration dampened	Vibration dampened	MVT VibraTech	MVT VibraTech	MVT VibraTech
Electronic features:							
Variable speed dial				•			
Speed stabilization		TC	TC	VC	TC	TC	TC
Power interruption protection	•	•	•	•	•	•	•
Soft start feature	•	•	•	•	•	•	•
Overload protection	w/LED	•	•	w/LED	w/LED	w/LED	w/LED
Electronic safety clutch	•	•	•	•	•	•	•
Rotatable gear housing	•	•	•	•	•	•	•
Toolless, adjustable burst-proof guard w/ 7 stops	•	•	•	•	•	•	•
<b>Standard Equipment</b>							
Wheel guard	316055590	316055590	316055590	316055590	339204600	339204600	339204600
Side handle	316046590	316046590	316046590	316046590	314000970	314000970	314000970
Inner flange	341031290	341031290	341031290	341031290	341031290	341031290	341031290
Locking nut	341101480	341101480	341101480	316064690	316064690	316064690	316064690
Spanner wrench	623934000	623934000	623934000	623934000			
<b>Optional Equipment</b>							
Type 1 cutting guard	630355000	630355000	630355000	630355000	630378000	630378000	630378000













# Increase Productivity with Metabo's Unique Flat Head Angle Grinder Accessories



SPECIALTY WHEELS	Grit	Size	Pcs./ Pkg.	Order No.
 <b>Flexiamant Super Convex CER</b> Extreme performance ceramic steel/stainless steel/heat sensitive materials <b>contaminant free</b>	P 60	5 x 7/8 6 x 7/8	10	626460000 626488000
	P 80	5 x 7/8 6 x 7/8	10	626461000 626489000
 <b>Flexiamant Super Convex ZK</b> High performance zirconia alumina steel/stainless steel <b>contaminant free</b>	P 40	5 x 7/8 6 x 7/8	10	626462000 626490000
	P 60	5 x 7/8 6 x 7/8	10	626463000 626491000
	P 80	5 x 7/8 6 x 7/8	10	626464000 626492000
 <b>Non-woven Fleece VKS ZK</b> Shapeable disc precise cleaning of weld seams steel/stainless steel	coarse	5 x 7/8	5	626482000
	medium	5 x 7/8	5	626483000

GRINDING WHEELS	Spec.	Size	Pcs./ Pkg.	Order No.
 <b>Original Long Life Grinding Wheel</b> Type 27 Steel	A 24 R	5 x 1/4 x 7/8 6 x 1/4 x 7/8	25	616308000 616319000
	A 36 M	5 x 1/4 x 7/8	25	616749000
 <b>Plus Grinding Wheel</b> Type 27 Aluminum	A 36 M	5 x 1/4 x 7/8	25	616749000
 <b>Plus-Z (Zirconia) Grinding Wheel</b> Type 27 Steel/Stainless Steel	ZA24T	6 x 1/4 x 7/8	25	616787000
 <b>M-Calibur (Ceramic)</b> Type 27 Steel/Stainless Steel	CA46U	5 x 1/4 x 7/8 6 x 1/4 x 7/8	10	US616291000 US616292000
	A 46 U	5 x 5/64 x 7/8 6 x 5/64 x 7/8	25	616501420 616502420
 <b>"Combinator" Type 27</b> Cutting & Grinding Steel/Stainless	A 46 U	5 x 5/64 x 7/8 6 x 5/64 x 7/8	25	616501420 616502420
	A 24 T	5 x 1/8 x 7/8 6 x 1/8 x 7/8	25	655287000 655285000
 <b>Pipeline Wheel Type 27</b> Cutting/Notching/Grinding Steel/Stainless Steel	A 24 T	5 x 1/8 x 7/8 6 x 1/8 x 7/8	25	655287000 655285000
	.020 Carbon	4-1/2 x 3/16 x 5/8-11	5	655228005
	Steel	5 x .020 x 3/16 x 7/8 6 x .020 x 15/64 x 7/8	5 1	655229005 626816000

Other Accessories	Description	Details	Order No.
	<b>5" Type 1 Cutting Guard</b>		630355000 fits 5" WEPF9-125, WEF9-125
	<b>5" Type 1 Cutting Guard</b>	Comply with OSHA/ANSI B7.1 regulations	630372000 fits 5" WEVF10-125
	<b>6" Type 1 Cutting Guard</b>		630378000 fits all 6"
	<b>Multiple Position Handle</b>	Allows for infinite adjustment of the ergonomic side handle	627362000
	<b>Dust Protection Filter</b>	Protects motor components from harmful particles; aluminum, cloth from fiber discs and polishing fibers. Quick, tool free installation and removal	630719000 for use with slide switch grinders
		Not compatible with WEF9 / WEPF9-125 / Drop Secure Grinders	630792000 for use with paddle switch grinders

TYPE 1 CUTTING WHEELS	Spec.	Size	Pcs./ Pkg.	Order No.
 <b>Original Slicer</b> Fastest Cut/Flexible Steel/Stainless Steel	A 60 TZ	5 x .040 x 7/8 6 x .040 x 7/8	50	655334000 655339000
	A 60 XL	5 x .045 x 7/8 6 x .045 x 7/8	50	655335000 655344000
 <b>Original Long Life Slicer</b> Long Life/Tough Steel/Stainless Steel	A 60 XL	5 x .045 x 7/8 6 x .045 x 7/8	50	655335000 655344000
 <b>Slicer Plus</b> Aggressive/Cool Cutting Steel/Stainless Steel	A 60 TX	5 x .045 x 7/8 6 x .045 x 7/8	50	655993000 655998000
	A60XP	5 x .045 x 7/8 6 x .045 x 7/8	50	655992000 655995000
 <b>Super Slicer Heavy Duty</b> Contaminant Free, Steel/Stainless Steel, High Tensile Alloy	A60XP	5 x .045 x 7/8 6 x .045 x 7/8	50	655992000 655995000
 <b>M-Calibur (Ceramic)</b> Extreme Heavy Duty Ceramic, Contaminant Free, Steel/Stainless Steel, High Tensile Alloy	CA46U	6 x 1/16 x 7/8	25	US616287000
 <b>M-Calibur (Ceramic)</b> Extreme Heavy Duty Ceramic, Contaminant Free, Steel/Stainless Steel, High Tensile Alloy	CA46U	6 x .045 x 7/8	25	US616284000



**CORDED**  
**Variable Speed High Torque**  
**Dry Polisher**  
 PE 15-20 RT



**CORDED**  
**Variable Speed High Torque**  
**Dry Polisher**  
 PE 15-30



**PWE 11-100**  
**Variable Speed High**  
**Torque Wet Polisher**

Model	PE 15-20 RT 615200420	PE 15-30 615300420
Maximum pad diameter	7"	7"
Double insulated	•	•
Electronic features:		
Speed stabilization	Vario-tacho-constamatic (VTC)	
Power interruption protection	•	•
Overload protection	•	•
Soft start feature	•	•
Restart protection	•	•
Electronic winding temperature monitor with LED display	•	•
Winding protection grid	•	•
Planetary gearing	•	•
Variable speed controlled by adjusting dial	•	•
Auto-stop carbon brushes	•	•
No-load speed (RPM)	300-1,900 RPM	800-3,000 RPM
Amps	13	13
Rated input watts	1,500	1,550
Spindle thread	5/8"-11	5/8"-11
Carrying case		
<b>Standard equipment:</b>		
Side handle	314000540	
Loop handle		•
<b>Optional equipment:</b>		
5" soft backing pad	655141000	655141000
5" medium backing pad	655129000	655129000
5" hard backing pad	623298000	623298000
7" hard backing pad	655143000	655143000

Model	PWE 11-100 602050420
Vario tacho constamatic (VTC) electronics	•
Low profile aluminum die-cast gear housing	•
Housing cover to protect surfaces	•
Splash proof ventilation slots	•
Water supply through spindle	•
Motor	LongLife
Standard 1/2" quick connect	•
Ergonomic adjustable D-handle	•
Electronic winding temperature monitor with LED display	•
GFCI included for electrical safety	•
Auto-stop carbon brushes	•
Electronic soft start feature	•
Electronic speed stabilization	•
Maximum torque	34 inch lbs.
Backing pad size	4"-5"
No Load speed (RPM)	1,700-5,400
Amps	9.6
Rated input watts	1,100
Spindle thread	5/8"-11
<b>Standard equipment:</b>	Loop handle (343399690)
<b>Optional equipment:</b>	Tool Bag (657006000)



Backing pad not included on above tools