

# Productivity in a new dimension.

2000 Watt Brushless  
Angle Grinders.

 **MADE IN GERMANY**



# metabo

# 2000W Brushless Angle Grinders.

**Faster.**

Work up to **60%** faster\*

**More efficient.**

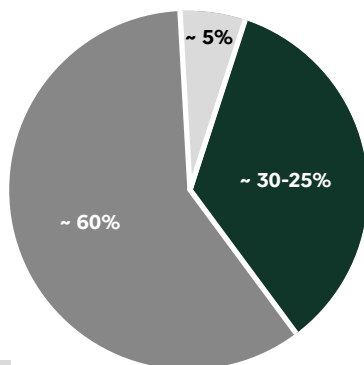
**20%** lower energy costs\*

**More durable.**

**3x** longer service life\*

**M MARATHON BRUSHLESS**

Average costs within the industry.



Tool costs

Material and operating costs

Labour costs

## Reduced tool costs

- **3x longer service life** equates to less tool replacement costs, thanks to encapsulated Marathon brushless motor with patented cooling and innovative dust protection.

## Reduced operating costs

- **20% reduction in power consumption** thanks to lower input power with the same output power.

## Reduced labour costs

- Maximum productivity: up to 60% faster work through a unique combination of the newly developed Marathon brushless motor and electronics designed to deliver the highest performance.
- Less employee downtime thanks to improved user safety features.
- Shorter repair times: service-free, brushless motor technology with patented cooling and innovative dust protection, with dust protection filter.
- Reduction in repair times thanks to cable exchange flap.

Good for the environment: lower power consumption and less scrap thanks to three times the service life

\*compared to brushed angle grinder

**metabo**



 **MADE IN GERMANY**



**Paddle Switch  
with Drop Secure**  
**600643190**  
WEPBA 20-125 QUICK DS BL



Drop Secure steel  
ring to attach safety  
lanyard when  
working at  
heights.

 **SAFETY  
SOLUTIONS**

Paddle switch with dead man function  
for added safety.

600643190



**Side Switch**  
**600642190**  
WEBA 20-125 QUICK BL



Detachable dust filter  
protects motor from  
coarse particles.

600642190  
600641000  
600643190



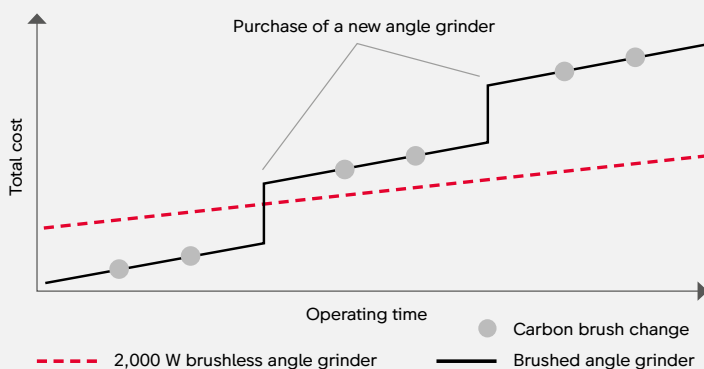
**Side Switch with  
Variable Speed**  
**600641000**  
WEVBA 20-125 QUICK BL



Adjustable variable speed  
control.

600641000

## Costs over the service life including maintenance and energy.



## Example cost calculation-power consumption

	Output	Consumption
Brushed angle grinder	1600 W **	2500 W
WEPBA 20-125 Quick DS BL	1600 W **	2000 W
Difference	0 W	- 500 W
Operating time	2 shifts / 3 hours per shift	
Operating time per year	1440 h	
Power savings	720 kWh	
Power cost	0.06 \$/kWh	
Cost savings per year:		
for 1 angle grinder	\$ 43.20	
for 100 angle grinders	\$ 4,320.00	

\*\*normal grinding applications

**20% less power consumption**  
with the same grinding performance

**Cost savings**  
with the same performance







10/2024F – Subject to changes in the interest of technical progress, errors and misprints excepted.

## 2000W Brushless Angle Grinders

	WEBA 20-125 Quick BL Side Switch	WEVBA 20-125 Quick BL Side Switch with Variable Speed	WEPBA 20-125 Quick DS BL Paddle Switch with Drop Secure
Disc-Ø	125 mm	125 mm	125 mm
No-load speed	11,000 rpm	3,300 - 11,000 rpm	11,000 rpm
Weight (without power cable)	2.6 kg	2.6 kg	2.6 kg
Packaging	Cardboard	Cardboard	Cardboard
Brushless Motor	■	■	■
Drop Security			■
Deadman switch			■
Tacho-Constamatic (TC)	■		■
Vario Tacho Constamatic (VTC)		■	
S-automatic safety clutch	■		■
Low-vibration side handle (MVT)	■	■	■
M-Quick Nut - tool-free disc change	■	■	■
Restart protection	■	■	■
Electronic soft start	■	■	■
Auto-balancer	■	■	■
Fast Brake	■	■	■
Order no.	600642190	600641000	600643190