

# **Brazor Mark II Electrical Grinder**

Cuts your costs through superior efficiency

*Full mobility*

*Minimized down  
time through intelli-  
gent features*

*Superior efficiency  
and excellent power*

*Outstanding  
ergonomics*

*Low running costs*

*Atlas Copco*

## The Brazor Mark II range

Thanks to its unparalleled low weight and high power the Brazor grinding system is an excellent choice for grinding, cutting off and sanding. There is no need for complicated installations – simply plug in to the one-phase 230 V net. All models are equipped with the highly efficient G71 motor and the system will generate superior power with <10% energy losses. This, in combination with the features stated below, makes Brazor Mark II a safe and ergonomic choice for the most efficient grinding, cutting and sanding:

- Power feedback for most efficient material removal.
- Minimal abrasive costs due to small angle head, speed control and low vibrations.
- Reduced service costs and minimum downtime thanks to overload protection, temperature control and service-indicator.
- Full mobility and no installation required.
- Built-in Ground Fault Interrupter (GFI) in PU for electricity safety.
- Superior ergonomics with low vibrations.
- Service indicator notifies you of preventive maintenance for longer operational life.



Model	Max free speed r/min	For wheel dia mm	Max output kW		Weight without support handle		Length mm	Width mm	Height over spindle mm	Outgoing spindle	Ordering No.
			peak	cont.	kg	lb					
<b>For grinding and cutting</b>											
ESV G71 F120-13	12000	125	>3	2.3	2.8	6.2	350	65	55	M14	8433 5001 00
ESV G71 F085-18	8500	180	>3	2.3	2.9	6.4	350	65	55	Internal	8433 5000 00
ESV G71 F060-23	6000	230	>3	2.3	3.5	7.7	375	85	60	Internal	8433 5002 00
<b>For sanding</b>											
ESV G71 S060	6000	180	>3	2.3	3.2	7.0	375	85	83	5/8	8433 5003 00

Model	Max free speed r/min	Spindle thread in x mm	Max output kW		Weight incl. guard and flanges		Width at front housing, mm (excl. wheel guard)	Ordering No.
			peak	cont.	kg	lb		
<b>Straight grinders</b>								
ESF S180	18000	Collet	5	1.5	2.2	4.9	40	8433 6000 00
ESF S150	15000	Collet	5	1.1	2.2	4.9	40	8433 6000 01
ESF S180-CW 3/8	18000	3/8" 15.6	5	1.5	2.4	5.3	43	8433 6001 00
ESF S180-CW 5/8	18000	5/8" 21	5	1.1	2.4	5.3	43	8433 6005 00
ESF S150-CW 3/8	15000	3/8" 15.6	5	1.5	2.4	5.3	43	8433 6002 00
ESF S150-CW 5/8	15000	5/8" 21	5	1.1	2.4	5.3	43	8433 6006 00
ESF S180-CW M14	18000	M14 24.1	5	1.5	2.4	5.3	43	8433 6003 00
ESF S150-CW M14	15000	M14 24.1	5	1.1	2.4	5.3	43	8433 6004 00
ESF S150-10	15000	5/8" 11	5	1.1	3.3	7.3	43 (85)	8433 6007 00

- CW = Cone wheel model

- 10 = For straight wheel, dia in mm 100x25x16-25

### Power unit

Model	Length mm	Width mm	Height mm	Weight kg	Power uptake	Ordering No.
PU81 <sup>a</sup> Single drive	350	200	200	10	1 phase 230 V	8433 5100 00
PU81 <sup>a</sup> Multi drive	350	200	400	11.5	1 phase 230 V	8433 5101 00

<sup>a</sup> Power net cable included.

### Tool cables

Length	Ordering No.
2 m	3608 0250 02
5 m	3608 0250 05
10 m	3608 0250 10
20 m	3608 0250 20



Multi drive power unit



Single drive power unit



Tool cable

## Accessories Included

### All models

- Support handle
- Adjustable wheel guard (9" requires key, included)
- Attachment flanges for grinding and cutting wheels
- Key for wheel change
- Backing pad with ribbed surface for cooler process (for ESV G71 S060)

## Optional Accessories

### Sander adaption kit (for sanding with ESV G71 F085-18)

Backing pad with ribbed surface for cooler process.

Support pad dia mm	Ordering No.	
	5/8"	M14
120	4175 0883 92	4175 0883 93
162	4175 0883 90	4175 0883 91

### Leather cable cover

Length	Ordering No.
2 m	3608 0440 02
5 m	3608 0440 05
10 m	3608 0440 10
20 m	3608 0440 20



Leather cable cover

### Handle bracket

Model	Ordering No.
Multi position handle bracket	3608 0110 01



Handle bracket