



# FLAP WHEELS

## User Manual



19600 / 19602 / 19604 / 19606 / 19608 / 19610 / 19612 / 19614 /  
19616 / 19618 / 19620 / 19622 / 19624 / 19626 / 19628 / 19630

## General Information

**Thank you** for purchasing a BlueSpot product, you can find further information on our range at **[www.BlueSpot.uk.com](http://www.BlueSpot.uk.com)**. Please ensure that you are using the product correctly and that all guidance and cautions are followed in accordance with the instructions. Please retain these instructions for future reference.

## Safe use

Please make sure that you read these instructions carefully in order to avoid injury when using the flap wheels. Follow all health and safety rules and regulations. If in doubt and available please contact a more knowledgeable source.

### **DO NOT use if damaged.**

- **ALWAYS** ensure the flap wheels have been checked for any damage before use. Any damage found needs to be repaired or replaced before use to prevent damage to property or personal injury.
- **ALWAYS** ensure that operators are trained in the use of flap wheels and understand and follow the safety requirements before operation.
- **ALWAYS** make sure the wheels have been mounted correctly and securely. Always ensure the instructions have been followed carefully before use.
- **ALWAYS** handle flap wheels with care to avoid accidental damage.
- **ALWAYS** check maximum operating speed of the flap wheel and drill.
- **ALWAYS** wear approved ear and eye protection when using flap wheels.
- **ALWAYS** wear approved hand protection when using flap wheels.
- **ALWAYS** wear approved dust respirators when using flap wheels.
- Maintain tool in good and clean condition for best and safest performance.
- Keep the work area clean, uncluttered and ensure there is adequate lighting.
- Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- Keep children and unauthorised persons away from the work area.
- **BE AWARE** of where your body is positioned when using the flap wheel. The body should not be positioned in line with the flap disc.
- **DO NOT** exceed the maximum operating speed of the flap wheel.
- **DO NOT** exceed the maximum operating speed of the drill.
- **DO NOT** force the flap wheels onto a machine which does not match the bore size.

## Safe use (continued)

- **DO NOT** alter the size of the flap wheel bore.
- **NEVER** use the flap wheels to perform a task that they were not designed for. This can cause damage to property or cause personal injury.
- **NEVER** use the flap wheels near flammable materials or gases.
- If any of the flap wheels are damaged do not use.

## Introduction

The BlueSpot Flap Wheels are designed to be used with power drills, pillar drills and air drills. Ideal for grinding, polishing and removing rust.

Recommended operating speed - 15-20m/s

## Specification

### 25mm Flap Wheels

Stock Code	Grit	Diameter	Shank	Maximum Safe Speed	Box Quantity
19600	40 grit	25mm	6mm	25000rpm	10
19602	60 grit	25mm	6mm	25000rpm	10
19604	80 grit	25mm	6mm	25000rpm	10
19606	120 grit	25mm	6mm	25000rpm	10

### 50mm Flap Wheels

Stock Code	Grit	Diameter	Shank	Maximum Safe Speed	Box Quantity
19608	40 grit	50mm	6mm	13000rpm	10
19610	60 grit	50mm	6mm	13000rpm	10
19612	80 grit	50mm	6mm	13000rpm	10
19614	120 grit	50mm	6mm	13000rpm	10

### 60mm Flap Wheels

Stock Code	Grit	Diameter	Shank	Maximum Safe Speed	Box Quantity
19616	40 grit	60mm	6mm	11000rpm	10
19618	60 grit	60mm	6mm	11000rpm	10
19620	80 grit	60mm	6mm	11000rpm	10
19622	120 grit	60mm	6mm	11000rpm	10

## Specification (continued)

### 80mm Flap Wheels

Stock Code	Grit	Diameter	Shank	Maximum Safe Speed	Box Quantity
19624	40 grit	80mm	6mm	8000rpm	10
19626	60 grit	80mm	6mm	8000rpm	10
19628	80 grit	80mm	6mm	8000rpm	10
19630	120 grit	80mm	6mm	8000rpm	10

## Advantages

- Removes the surface layer of various metals evenly by lightly grinding and deburring.
- To be used with power drills, pillar drills and air drills.
- The flexible design of the flap wheel make them ideal for smoothing curved surfaces and reaching edges and corners effectively.
- Sharp abrasive grit is exposed at all times.

## Operation

**ALWAYS** ensure that operators are trained in the use of flap wheels and understand and follow the safety requirements before operation.

### 1. Choose a suitable flap wheel.

Always ensure that you have chosen the appropriate flap wheel for the task. Refer to the specification above when choosing the correct flap wheel for the task.

### 2. Mounting the flap wheel.

Always ensure you follow the instructions of your chosen electric drill when mounting any flap disc.

### 3. Securing the work object.

Always ensure that the work object you are working on is firmly secured to minimise movement during the grinding process.

### 4. Grinding, polishing and removing rust.

Always ensure you hold the drill with a firm grip when in use. Carefully move the flap wheel across the bulk or body of your workpiece.

### 5. Finishing.

Always ensure you slowly and carefully lift the drill from the surface of the work when finishing any task.

## Cleaning & Maintenance

Clean the flap discs with a dry cloth if needed. Make sure the flap discs are not in use when cleaning.

## Storage

**ALWAYS** ensure the flap discs are stored out of reach of children.

Store the tool in a secure, dry place.

## Disposal

Always check and adhere to national regulations when disposing of any tools that are no longer functional and cannot be repaired.

- Contact your local waste disposal authority for information on how to correctly dispose of tools.

## Environmental Protection

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



## Contact

Find out more about BlueSpot® products at [www.BlueSpot.uk.com](http://www.BlueSpot.uk.com)

Tel: 0800 093 0115

Email: [sales@bluespot.uk.com](mailto:sales@bluespot.uk.com)

Orme Business Centre, Greenacres Road,  
Oldham, OL4 3NS

