178mm Dust shroud Q & A

Q. What are the benefits of this dust shroud?
A.1.
- No suction stick or friction. There is no suction stick or friction so the operator has greater control with the rigid shroud and skirt design. The floating skirt touches the floor, but produces no friction because of the air gap between the shroud and the skirt. When using a rubber hook and loop skirt the air flows through a small gap under the skirt so that the skirt does not touch the floor.
- No dust edging. By eliminating a large opening for edging there is no dust escape when edge grinding. When the cupwheel cuts through the floating skirt the gap is small and not enough to cancel the vacuum air flow to allow dust to escape.
- Automatic skirt height adjustment. The self-adjusting, floating skirt automatically adjusts in height and air no longer comes in under the skirt, it enters between the body and the skirt through the hook fabric.
- Strong, rigid shroud. The shroud body and mounting collar are made of steel to maintain its shape and not prematurely wear out.
- Transferable to other grinders. Contractors need choice of grinders because nobody wants to throw away a dust shroud because the grinder fails. These dust shrouds can be swapped to all the popular grinders with the molded insert system that has multiple brand-colour-coded inserts inside a steel collar. There are also optional inserts for the main variable speed, 180mm polishers to use the 178mm dust shroud for polishing.

Q. How can I replace the floating skirt?
A.1. The simplest way to attach the skirt after removing the old skirt is to place it on the floor and tilt the grinding wheel and dust shroud into the top of the cupwheel at the same time. Only use one or the other because the two centering bosses will touch each other and lock in position which

Q. Are there different skirts available?
A.1. Yes we have three skirts: The molded plastic floating skirt 40mm high, a rubber skirt with Velcro stitched to it which is also 40mm high and a special, larger rubber and Velcro skirt 55mm high for Diamabrush wheels or large segment wheels.

Q. What spacers or fittings are used under the cupwheels?
A.1. Generally we recommend that you only use the metal washers provided. For flat or very shallow dished cupwheels you may need to use a special extended length nut with a special spacer underneath (a matched pair) to bring the wheel up higher. Normally the fittings provided by the manufacturer should not be used on the shaft under the cupwheel.

Q. What size grinder is recommended?
A.1. The 178mm dust shroud can be fitted to 230mm and 178mm angle grinders (not recommended) and 180mm variable speed polishers. It is mainly used with 230mm angle grinders and a 178mm cupwheel which will have the correct circumferential speed at 6,500rpm. A 178mm angle grinder is not recommended because the speed of 8,000 rpm is too fast for the diamond cupwheel and the power rating is not as high as the 230mm angle grinder even though both are the same physical shape. The 178mm dust shroud is also used for polishing with a variable speed polisher.

Q. Which fittings are included?
A.1. Five inserts for five grinders are included. Five steel washers are also included as spacers for under the cupwheel to adjust its height. These inserts fit 230mm grinders – Bosch, Metabo, DeWalt, Hitachi, Makita, Milwaukee and two optional inserts can be purchased for 180mm polishers – Makita, Hitachi

Q. What size grinder is recommended?
A.1. The 178mm dust shroud can be fitted to 230mm and 178mm angle grinders (not recommended) and 180mm variable speed polishers. It is mainly used with 230mm angle grinders and a 178mm cupwheel which will have the correct circumferential speed at 6,500rpm. A 178mm angle grinder is not recommended because the speed of 8,000 rpm is too fast for the diamond cupwheel and the power rating is not as high as the 230mm angle grinder even though both are the same physical shape. The 178mm dust shroud is also used for polishing with a variable speed polisher.