

RUPES®

SKORPIO III



SKORPIO III

EXPERIENCE THE EXCELLENCE



The **Skorpio III** is what every random orbital sander operator needs, an extremely quiet tool that has tremendous power and low vibration. The newly designed pneumatic Skorpio III is the quietest random orbital sander in its class. Further, it comes in a choice of orbit sizes to fit your particular application. The body is coated with an anti-slip rubber for better handling, the throttle lever is designed to support the operator's wrist during operation and actually fits perfectly into the tool body to eliminate "pinch points", the internal balancing of the components results in extremely low vibration and the double row bearings insure greater life and smoother operation.



Ø3mm ORBIT

SKORPIO III - 3mm: the 3mm orbit is designed for finishing applications that use grade P320 and higher abrasives. The small orbit, combined with the high rpm and proper abrasives, delivers a high quality finish that is perfectly prepared for paints and other coatings.



Ø6mm ORBIT

SKORPIO III - 6mm: following several years of on-site research, Rupes R&D department found that a 6mm orbit is ideal for creating the best combination of material removal/surface finish. The 6mm orbit is 20% more time efficient than the traditional 5mm orbit and, when used with the suggested abrasive grades between P120 and P320, generates the same high quality finish.



Ø9mm ORBIT

SKORPIO III - 9mm: the 9mm orbit tool is designed primarily for roughing and material removal applications. The tool is aggressive, but light in weight and ergonomically designed. The suggested range of abrasives is P60 to P120.

NEW HEAVY DUTY MOTOR



The new high performance motor built in sintered steel is designed to provide the best power to weight ratio with a lower air consumption. Designed to minimize tool noise and to low vibration level, the new motor reduces internal friction for a higher power transfer ratio, simplified maintenance and longer tool life.

ANTI SPINNING SYSTEM



The presence of the rubber shroud prevents the tool from operating in free rotation mode. This eliminates the risk of damage to the work surface from a true rotary motion. Further, the shroud allows for more efficient dust extraction by sealing the area between the tool's housing and the backing pad. (Not available on "NO VACUUM" models).

DOUBLE-ROW BALL BEARINGS



A new double-row ball bearing system, designed specifically by the RUPES R&D team, results in longer bearing life, greater motor stability and lower vibration levels.

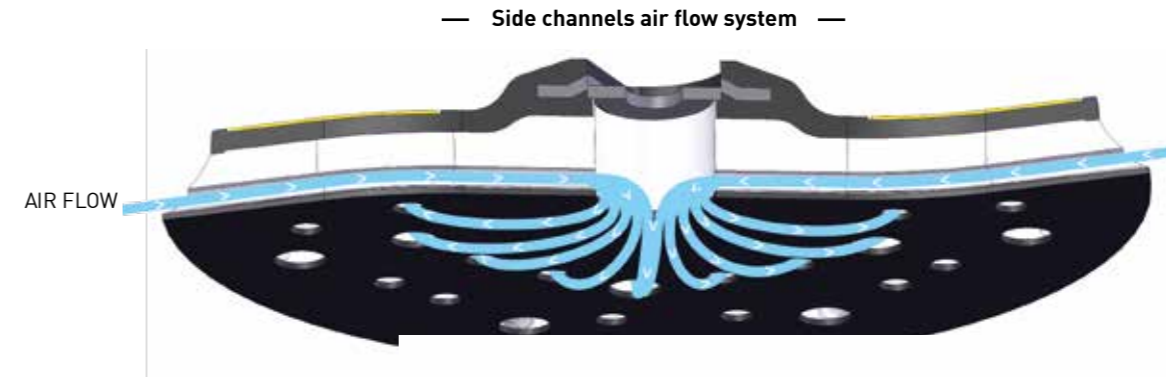
EXTREMELY WELL BALANCED



RUPES R&D team dedicated significant time and effort to create a tool whose internal components are perfectly balanced. The result is a tool that is very low in vibration and ideal for high time-exposure applications.

NEW MULTIHOLE SLIM BACKING PAD

The multihole pattern combined to the 10 channels obtained on the side of the backing pad provides an impressive air flow that increases the dust extraction during the sanding on both horizontal and vertical surfaces. This guarantees a better cleaning of the working area and therefore a better working conditions. Two of the side channels are connected directly to the central hole with the function to dissipate the heat during the backing pad rotation. This new model of backing pad has been designed to obtain a low center of gravity which ensures a better control and precision during all phases of the sanding process.



Description: Multihole slim backing pad
Codes: 981.600/5 (5-16") - 981.500/5 (M8)
Diameter: 150mm (6")





CENTRAL VACUUM

Configured for external dust extraction systems



SELF VACUUM

Integrated dust extraction system (Venturi)



NO VACUUM

No dust extraction capability



GREEN TECH FILTER UNIT

For Self Vacuum Tools



GREEN TECH FILTER UNIT

Suitable for the most popular self vacuum tools

The filter unit is transparent, allowing the operator to visually check the level of dust/dirt in the filter itself. The unit contains a quick release safety feature.



FILTER CARTRIDGE

The material is washable polyester, resulting in long life if the filter is maintained properly. Vanes create cyclonic air movement that avoid clogging of the filter and extends product life significantly.



FILTER CARTRIDGE ASSEMBLY

Complete filtering KIT including:

- Green Tech Filter Unit
- Hose Ø25mm (1") Length:1,30m (4ft)
- Filter holder



Description	Code
Filter cartridge assembly	80.400/KIT
Filter unit	80.400/C
Filter cartridge	88.400
Filter holder	9.2906
Hose Ø25mm (1") Length:1,30m (4ft)	9.1266/C

NOTE: Accessories not included with the Skorpio tools

CERTIFIED
TNO innovation
for life

Tests run with the tool working continuously for 2 hours

TECHNICAL DATA



ANTISTATIC HOSE ASSEMBLY

Description	Lenght	Ømm	Øin	Tools	Code
Antistatic hose assembly	5m-16ft	29	1"9/64	pneumatic	9GAT02004/AS
Antistatic hose assembly	8m-26ft	29	1"9/64	pneumatic	9GAT02002/AS
Antistatic hose (in roll)	30m-98ft	29	1"9/64	-	9.1264/30/AS

HOSE ASSEMBLY

Description	Lenght	Ømm	Øin	Tools	Code
Hose assembly	5m-16ft	29	1"9/64	pneumatic	9GAT02004/C
Hose assembly	8m-26ft	29	1"9/64	pneumatic	9GAT02002/C
Hose (in roll)	30m-98ft	29	1"9/64	-	9.1264/30



SKORPIO III Ø125mm (5")

	Ø orbit mm	in	Ø backing pad mm	Velcro	Vinyl	Working pressure bar/PSIG	Air consumption max l/min	Air consumption max SCFM	R.P.M.	Weight Kg	Speed control	Air inlet thread	Spindle thread	Vacuum
RH323	3	1/8"	125	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	No Vacuum
RH326	6	1/4"	125	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	No Vacuum
RH329	9	3/8"	125	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	No Vacuum
Backing pad supplied 980.015N 8+8+1 HOLES														
RH323/S	3	1/8"	125		•	6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	No Vacuum
RH326/S	6	1/4"	125		•	6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	No Vacuum
RH329/S	9	3/8"	125		•	6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	No Vacuum
Backing pad supplied 980.025N 8+8+1 HOLES														
RH323A	3	1/8"	125	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	Central
RH326A	6	1/4"	125	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	Central
RH329A	9	3/8"	125	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	Central
RH323T	3	1/8"	125	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	Self generated
RH326T	6	1/4"	125	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	Self generated
RH329T	9	3/8"	125	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	Self generated
Backing pad supplied 980.015N 8+8+1 HOLES														



INTERCHANGEABLE BACKING PAD

The internal components of the **Skorpio III** are so well balanced that operators can actually change the size of the backing pad without compromising the low vibration level of the tool. It is now possible to choose the backing pad diameter that you need Ø125mm or Ø150mm, without changing tools!

SKORPIO III Ø150mm (6")

	Ø orbit mm	in	Ø backing pad mm	Velcro	Vinyl	Working pressure bar/PSIG	Air consumption max l/min	Air consumption max SCFM	R.P.M.	Weight Kg	Speed control	Air inlet thread	Spindle thread	Vacuum
RH353	3	1/8"	150	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	No Vacuum
RH353	6	1/4"	150	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	No Vacuum
RH353	9	3/8"	150	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	No Vacuum
Backing pad supplied 981.500 MULTIHOLE Slim														
RH353/S	3	1/8"	150		•	6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	No Vacuum
RH356/S	6	1/4"	150		•	6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	No Vacuum
RH359/S	9	3/8"	150		•	6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	No Vacuum
Backing pad supplied 981.145N MULTIHOLE Slim														
RH353A	3	1/8"	150	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	Central
RH356A	6	1/4"	150	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	Central
RH359A	9	3/8"	150	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	Central
RH353T	3	1/8"	150	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	Self generated
RH356T	6	1/4"	150	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	Self generated
RH359T	9	3/8"	150	•		6,2/90	340	12	0-11.000	0,8	•	1/4" GAS	M8-F	Self generated
Backing pad supplied 981.500 MULTIHOLE Slim														



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