

**RUPES®**



  
**BigFoot®**  
RANDOM ORBITAL POLISHING SYSTEM

**BIGFOOT DUETTO**  
Total paint rectification system



# LHR 12E DUETTO

## All-in-one sanding and polishing system for painted surfaces

Duetto is equally effective working with soft or interface backing pads teamed with micro-abrasives during the defect correction step or with foam polishing pads and compounds during the polishing stage. Extensive research on random orbital dynamics and exhaustive testing resulted in the choice of a 12mm orbit for Duetto. This orbit length greatly improves the surface rectification abilities of the latest generation of microabrasive discs. The combination of Duetto and microabrasives is especially effective when smoothing orange peel or significant defects. The finish generated by this combination is both homogeneous and predictable, with no deep sanding marks.

## 1 Sanding ...

The use of microabrasive discs to correct severe defects creates a surface that is easily polished, radically reducing the overall time of the full correction process. Duetto is so well balanced and low in vibration that the operator can easily control the sanding step by simply guiding Duetto over the surface. The ability of the operator to control the tool so efficiently minimizes the chances of creating rough and uneven surfaces that require time-consuming rework. Duetto has several design features that make it uniquely operator friendly.

The anti-spinning device reduces the chances of operator error even for a novice technician. The front hand grip allows the operator to place his/her hand at the virtual balance center of the tool and keeps vibration to a minimum.

The electronic module has built-in torque control, reducing the need for the operator to apply significant downward vertical pressure.

Another unique Duetto feature is the rubber support that allows the operator to place Duetto on a workbench without the abrasive disc touching a surface that might contain contaminants that could transfer to the workpiece during the sanding process. Compatible with microabrasive discs and the appropriate 5" interface pad



Interface

Abrasive

Foam  
polishing  
pads

## ... 2 Polishing

Duetto is an amazing polisher due to its precise engineering and concern for operator control and comfort. Duetto is manageable and comfortable in every situation and quickly provides excellent results. Duetto has all the features of the BigFoot system, neatly packaged in a compact and maneuverable body. Duetto's 12mm orbit places it at the very top of the compact machine category in speed, comfort and manageability.

Duetto is compatible with BigFoot foam polishing pads and abrasive compounds.



### BIGFOOT Duetto is perfect for:

- Restoring lustre
- Final polishing after the sanding phase
- Removing wear and medium-light scratch marks
- Removing holograms generated by previous polishing that used traditional rotary methodology

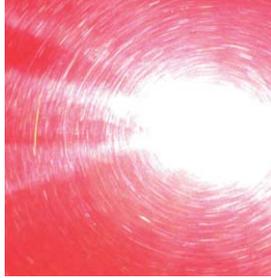
### BIGFOOT Duetto guarantees excellent results in:

- Eliminating orange peel and other paint defects
- Removing medium-depth scratches
- Removing surface contaminations chemically resistant to normal detergents

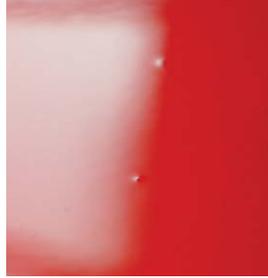


The attention to detail is not limited to just the **innovative and attractive design**. The modern lines and exceptional technical quality are combined with a number of details that are the result of meticulous research aimed at achieving maximum operator comfort. The non-slip rubber inserts are numerous and have many functions. In particular, the insert on the machine body is used to support the polisher when placed on a surface. With its nonslip rubber inserts in the front cover, the LHR 12E is perfect for all polishing operations in difficult to reach zones. The operator can work in comfort to produce the best results possible.

## ABRASIVE PAINT CORRECTION



Swirl marks



Dust nibs



Fade out



Orange peel

## GLOSS ENHANCE



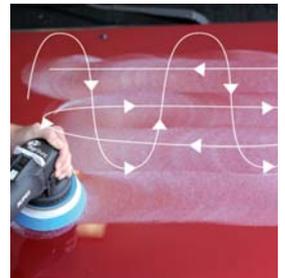
Foam polishing pad  
alignement



Compound  
dispensing



Keep the tool flat  
and without  
additional load



Polishing action



### Technical data

Ø backing pad	mm-in	125 - 5"
Ø orbit	mm-in	12 - 1/2"
Power	Watt	400
R.P.M.		4000-5500
Weight	kg-lbs	2,6 - 5,73
Speed regulation		•
Backing pad thread		M8

