

# FM-20ORB & FM-28ORB

## 20" & 28" ORBITAL FLOOR MACHINES

### HIGHEST PERFORMANCE WITH THE CLEANEST, QUIETEST, EASIEST OPERATION

These new orbital floor machines are powerhouses delivering the highest combination of down pressures and RPM in the industry. Then, add to its power **with** features like the first high-speed orbital to achieve less than 69 dBa noise levels, an instantly adjustable handle and optional HEPA dust control, and you've got a Purpose Built® tool that can perform the toughest tasks anytime, anywhere.

- A** Only high-speed orbital floor machines below 69 dBa - over 65% quieter than the nearest competitor!
- B** Highest down pressures in category - with or without weights!
- C** First with reach under cleaning on three sides with weights in place
- D** Optional HEPA dust control - unique design allows single cord operation
- E** Convenient and instant handle adjustment from the operator position - no hard knobs or awkward levers!



### APPLICATIONS:

Purpose Built® for use any time with less than 69 dBa noise levels and optional HEPA filtered dust control, these units easily attack:

- Chemical-free finish removal (dry prep)
- Finish stripping (with chemical)
- Floor scrubbing (even grouted floors)
- Stone grinding and polishing
- Cement grinding and polishing
- Sanding and screening
- Other extreme-duty jobs



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## FEATURES

## SPECIFICATIONS

MODEL:	FM-20ORB	FM-28ORB
<b>PART NUMBER(S):</b>	545411 (w/o weight kit) 545413 (w/ weight kit)	545421 (w/o weight kit) 545422 (w/ weight kit)
<b>PAD DRIVE SYSTEM</b>		
Motor horsepower:	1.5 hp	1.5 hp
Motor type:	56C, continuous duty TEFC motor	56C, continuous duty TEFC motor
Pad speed rpm:	3,530 rpm	3,530 rpm
Head / pad dimensions:	20 in x 14 in	28 in x 14 in
Productivity (per hour)*:	7,920 ft <sup>2</sup> at 1.0 mph (scrubbing) 3,960 ft <sup>2</sup> at 0.5 mph (finish removal)	11,440 ft <sup>2</sup> at 1.0 mph (scrubbing) 5,720 ft <sup>2</sup> at 0.5 mph (finish removal)
<b>ELECTRICAL SYSTEM</b>		
Voltage:	115 V	115 V
Power consumption amps:	15 amp	15 amp
Power cord length / type:	50 ft, 14/3 STO, safety yellow	50 ft, 14/3 STO, safety yellow
Safety approvals:	ETL tested to UL/CSA standards	ETL tested to UL/CSA standards
<b>MACHINE SPECIFICATIONS</b>		
Product length:	20 in	20 in
Product width:	20 in	28 in
Product height:	46 in	46 in
Product weight (w/cord):	125lb (without weight kit)	150 lb (without weight kit)
Product weight (w/optional weight kit):	165 lb	210 lb
Sound level (operator's ear):	< 69 dBA	< 69 dBA
Base construction:	Epoxy coated, 3/4 in thick steel weldment	Epoxy coated, 3/4 in thick steel weldment
Pad drive plate:	0.25 in thick 6061 aluminum	0.25 in thick 6061 aluminum
Reach under with weights:	Yes, 2.5 in on three sides	Yes, 2.5 in on front, 5.5 in on sides
Handle construction:	Welded structural steel tubing	Welded structural steel tubing
Safety interlock triggers:	Yes	Yes
Handle adjustment:	Lever at operator position near triggers	Lever at operator position near triggers
Dust control system (optional):	6 qt vacuum with HEPA filtration	6 qt vacuum with HEPA filtration
<b>WARRANTY</b>		
Parts**:	3 years	3 years
Labor:	1 year	1 year
<b>OPTIONAL ACCESSORIES</b>		
Available accessories:	<b>Pads-Case of 10, 20 in x 14 in</b> 855902 maroon, surface prep 855908 black, stripping 855906 purple, diamond clean/polish*** 855904 red, buffing & cleaning 855905 white, polishing  545001 40 lb weight kit, 20 in 545003 dust control kit, 20 in 545005 solution tank kit	<b>Pads-Case of 10, 28 in x 14 in</b> 875904 maroon, surface prep 875923 black, stripping 875922 purple, diamond clean/polish*** 875905 red, buffing & cleaning 875921 white, polishing  545002 60 lb weight kit, 28 in 545004 dust control kit, 28 in 545005 solution tank kit

\*Productivity estimated at 1.0 & 0.5 mph with 2 in overlap

\*\*Excluding wear items

\*\*\*Sold as case of 5

Note: Specifications subject to change without notice



### GENUINE SERVICE PARTS PURPOSE BUILT™ TO PROVIDE MAX PERFORMANCE

Why buy a copy when you can get the original parts – the ones actually used in the machine's original design work the best. Not only do you get maximum performance, but you also reduce hassle and downtime. Be sure to contact Pacific Floorcare or a local authorized distributor when you need authentic service parts.



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