

## ORBITAL TECHNOLOGY

**Minuteman**<sup>®</sup>  
Excellence Meets Clean



- ✓ **REDUCES COST TO CLEAN**
- ✓ **ENHANCES FACILITY IMAGE**
- ✓ **IMPROVES HEALTH AND SAFETY**
- ✓ **MINIMIZES ENVIRONMENTAL IMPACT**



# ORBITAL TECHNOLOGY

## KEY FEATURES

- ✓ Tank within a tank design maximizes capacity
- ✓ Compact design allows the machine to turn on its own axis
- ✓ Ultra-quiet operation
- ✓ Easy on, easy off brush installation

## KEY BENEFITS

- ✓ Maximum maneuverability due to design
- ✓ 100% water pickup in tight turns
- ✓ Chemical free floor coating removal
- ✓ 70% Reduction in chemical and water usage

## KEY ADVANTAGES

- ✓ Maximizes productivity
- ✓ Environmentally friendly
- ✓ Improves appearance levels and cleanliness
- ✓ Maximizes your return on investment versus disc scrubbers

Model	28ROS	20ROS	20WOS
Scrub Head Type	Orbital	Orbital	Orbital
Scrub Path	28 inches	20 inches	20 inches
Solution Capacity	21 gal (79L)	18 gal (68L)	12 gal (45L)
Recovery Capacity	23.5 gal (89L)	18 gal (68L)	13 gal (49L)
Max Speed	3.1 mph (5kh)	3.1 mph (5kh)	3.1 mph (5kh)
Max Productivity	32,490 sq ft/hr	27,200 sq ft/hr	15,000 ft2/hr
Actual Productivity	24,562 sq ft/hr	22,015 sq ft/hr	27,800 sq ft/hr
Pad Pressure	Floating Locked– 74lbs./102Nm	Floating Locked– 74lbs./102Nm	Floating Locked– 74lbs./102Nm
Pad Speed	2200 RPM	2200 RPM	2200 RPM
Pad Motor	550 Watts	550 Watts	550 Watts
Vacuum Airflow	69 cfm (32.4L/sec)	69 cfm (32.4L/sec)	65 cfm (29.3L/sec)
Vacuum Water lift	68" H2O (1717 mm H2O)	68" H2O (1717 mm H2O)	45" H2O (1143 mm H2O)
Sound Pressure	68 dba	68 dba	68 dba
Water Flow	.45 gpm (1.7 l/min)	.45 gpm (1.7 l/min)	.45 gpm (1.7 l/min)
Min. Turn Around Aisle Width	55" (140 cm)	50.5" (128 cm)	49.5" (126 cm)
Maximum Ramp Climbing	2%	6%	N/A
Squeegee Width	31" (78 cm)	25" (65 cm)	34" (86 cm)
Machine Voltage	24 VDC	24 VDC	24 VDC
Power Source	Battery (2) 12V 210 ah	Battery (2) 12V 140 ah	Battery (2) 12V 115 ah
Battery Charger	On Board	On Board	On Board
Max. Run Time	3-3.5 hrs	3-3.5 hrs	3-3.5 hrs
Dimensions W/ Squeegee	52"L X 31"W X 45"H	47.5"L X 25.5"W X 45"H	47.4" x 21.3" x 42.3"
Weight With Batteries	882 lbs.. (400kg) Full Solution	691 lbs.. (313kg) Full Solution	372 lbs.. (169kg) Full Solution

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Minuteman International Inc

Kentucky Cleaning Solutions, LLC, DBA  
**BLUEGRASS**  
**JAN/SAN & PAPER SUPPLIES, LLC**

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Minuteman is a full line manufacturer of maintenance products including critical filter vacuums, industrial and commercial vacuums, sweepers, scrubbers, floor and carpet machines, PowerBoss® sweepers and scrubbers, and Parker® Litter Vacs for industrial, commercial, and institutional facilities.

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