

# PIONEER 33

**AUTOMATIC  
BATTERY SCRUBBER**



***Engineered for Performance,  
Durability and Reliability***



**Pioneer Eclipse®**  
MASTERS IN THE ART OF FLOORCARE

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# FEATURES

## Safety in Engineering, Reliability and High Productivity

Core priorities are embodied in our newest automatic battery scrubber manufactured exclusively by Amano Pioneer Eclipse.

The PIONEER33™, model number PE3300 has excellent maneuverability and performance characteristics. More importantly, our engineers designed this unit with ease of operation and operator safety in mind. Great thought was given to simplicity in machine maintenance as evidenced by easy access to ALL serviceable components. This quality machine also comes equipped with tie-down locations to secure the unit during transport. In addition all electrical parts have electrical plugs making replacement quick and easy.

## Ideal Environments

- Supermarkets
- Malls
- Healthcare Facilities
- Hospitals
- Educational Facilities
- Manufacturing Facilities
- Warehouses
- Logistic Facilities
- Bus and Train Stations
- Airports
- Government Facilities



Easy-to-use controls that require no explanation or training!



The battery tray facilitates easy access making maintenance a breeze. Simply pull the rope handle on the battery pack back until the battery rests firmly on the back cover.



Center mounted LED provides operator quick reference to battery charge and pad pressure levels, vacuum icon and hour meter.



Equipped with two recovery clean out ports for easy access to inside of the recovery tank. In addition the front-mounted drain hose allows for quick emptying into floor drains.



# FEATURES

- Offset pads/brushes overlap 1 inch (2.53 cm) for enhanced cleaning efficiency
- Simple 5 position pad pressure adjustment by the touch of a button ranging from 55 to 165 lbs (25 - 75 kg)
- Large capacity tanks require less frequent filling and emptying
- Brushes/pads and solution flow stop automatically when accelerator is released
- Spring loaded front actuator gives constant brush pressure for uniform scrubbing even on uneven floors
- Squeegee raises automatically when machine goes into reverse
- Two large clean-out ports on the recovery tank provide quick and easy clean-up
- Easy operation includes user-friendly controls, automatic braking and emergency stop
- For safety, unit disables automatically during battery charge cycle
- Zero turning radius



The PIONEER33™ scrub deck has a durable plastic bristle skirt to contain splash. It is less likely to mark walls than steel alternatives and can be easily removed for pad/brush change. No tools are needed to remove or replace the skirt.



The clear lid on the solution and recovery tank lid tells the operator at a glance if filling or emptying is required.

# PIONEER33



# PRODUCT SPECIFICATIONS

At Amano Pioneer Eclipse we are committed to providing our customers with the highest quality integrated FloorCare systems. Contact us for additional information and recommendation on our wide range of cleaners, degreasers and pads.

Be certain to take full advantage of total system solutions that guarantee maximum results at minimum cost, without setting aside the importance of a safe and healthy environment.



<b>Performance</b>	± 33,000 ft <sup>2</sup> /hr (± 3066 m <sup>2</sup> /hr)	<b>Certifications</b>	CE and CSA
<b>Cleaning Width</b>	33 in (84 cm)	<b>Noise Level</b>	<70 dBA
<b>Pads/Brushes</b>	2 x 17 in (43 cm)	<b>Vibration Level</b>	Less than 2.5 m/s <sup>2</sup>
<b>Squeegee Width</b>	45 in (107 cm)	<b>Weight w/o batteries</b>	400 lb (181.5 kg)
<b>Solution Tank</b>	32 US gal (121 liter)	<b>Weight w/250 AH batteries</b>	900 lb (408 kg)
<b>Recovery Tank</b>	40 US gal (151 liter)	<b>Weight w/330 AH batteries</b>	1000 lb (453.6 kg)
<b>Solution Flow Rates</b>	1 gal/min. (3,785 l/min.)	<b>Length</b>	67.5 in (171.5 cm)
<b>Voltage</b>	36 Volt (6 x 6 V batteries)	<b>Width</b>	27 in (68.6 cm)
<b>Batteries</b>	6 Volt Deka 9C11 250 AH (Optional 8C6V 330AH)	<b>Height</b>	43 in (109 cm)
<b>Vacuum Fan</b>	36 Volt 3 Stage (Optional Dual Vacuum)		
<b>Battery Charger</b>	On-Board 36 Volt 25A		
<b>Operating Time</b>	Approx. 4 hours with 250AH Approx. 6 hours with 330AH		
<b>Overload Protection</b>	Fuses		
<b>Machine Speed</b>	0-3.2 mph (0-5 km/hr)		
<b>Pad/Brush Speed</b>	300 rpm		
<b>Wheels</b>	13 in (33 cm) foam filled		

## OPTIONAL ACCESSORIES

- Dual Vac for extra power in industrial applications and/or for uneven laid tile floors
- Range of scrub brushes for different applications
- 17" Multi-Purpose Driver to provide superior holding power on either diamond discs or pads
- Wet Pick-Up Wand Kit
- Optional larger 330AH battery pack