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# Fimap EMx - Battery Powered Disc Scrubber Dryer - 20 Inch

**Variant code: 16-EMX**

**Fimap EMx** is an innovative **battery powered disc scrubber dryer** developed to combine outstanding floor cleaning performance with advanced sustainability technologies. Designed as part of Fimap's commitment to reducing the environmental impact of professional cleaning operations, the EMx delivers efficient and productive floor maintenance while supporting organisations in achieving their sustainability goals.

Featuring a compact and highly manoeuvrable design, the EMx is suitable for a wide variety of commercial cleaning environments. Its **20-inch (500mm) disc scrubbing system** provides effective cleaning performance across medium-sized floor areas, while the battery-powered platform allows unrestricted movement without the limitations of mains cables. The machine supports a wide range of Fimap technologies designed to reduce resource consumption, including **AQUÆ® technology** for detergent-free cleaning, **FSS detergent management** for accurate chemical dosing and advanced **HEPA filtration** to capture fine airborne particles before air is returned to the environment.

Further enhancing its environmental credentials, the EMx is compatible with long-life **lithium-ion battery systems**, incorporates tanks manufactured from recycled plastic and can be integrated with **Fimap Fleet Management (FFM)** software to monitor machine usage, resource consumption and CO2 emissions. Supplied complete with onboard charger, brush and drive board, the EMx provides a future-focused cleaning solution that balances sustainability, performance and ease of use.

## Product Features

- **20-inch (500mm) disc scrubbing width**
- Battery powered operation for unrestricted cleaning mobility
- **AQUÆ® technology** supports cleaning without detergents
- **HEPA filtration** captures fine dust particles
- **FSS dosing system** helps minimise

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detergent waste
- Compatible with **Fimap Fleet Management (FFM)** monitoring
- Supplied with onboard charger, brush and drive board

## Product Benefits

- Reduces environmental impact through sustainable cleaning technologies
- Supports lower water, chemical and energy consumption
- Improves indoor air quality with advanced HEPA filtration
- Provides flexible cordless operation for improved productivity
- Enhances machine availability with long-life lithium battery technology
- Helps monitor and manage cleaning performance and resource usage
- Delivers professional floor cleaning results with minimal environmental impact

## Technical Characteristics

- Professional **battery powered disc scrubber dryer**
- **500mm (20 inch) cleaning width**
- Compatible with advanced **lithium-ion battery systems**
- Tanks manufactured using recycled plastic materials
- Optional **Fimap Fleet Management (FFM)** connectivity
- Advanced detergent-free and controlled dosing technologies available
- Supplied complete with onboard charger, brush and drive board

## Applications

**Fimap EMx** is ideal for schools, healthcare facilities, offices, retail stores, hospitality venues, public buildings and commercial environments where both cleaning performance and sustainability are priorities. Its compact design, advanced resource-saving technologies and flexible battery-powered operation make it particularly suitable for organisations seeking to reduce their environmental footprint while maintaining high standards of cleanliness, safety and operational efficiency.

| Property | Value |
| --- | --- |

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| Property | Value |
|---|---|
| Length (mm) | 1225 |
| Weight (kg) | 184 |
| Width (mm) | 597 |
| Height (mm) | 1030 |
| Accessories Included with Machine | Drive Board and Charger |
| Voltage | 24 |
| Brush Width (mm) | 510 |
| Battery Charge Time (Minutes) | 480 |
| Battery Run Time (Up to/Mins/Each) | 240 |
| Noise Level (dB) | 66.2 |
| Brush Speed (rpm) | 140 |
| Performance (m2 per Hour) | 1785 |
| Solution Tank Capacity (L) | 40 |
| Recovery Tank Capacity (L) | 40 |
| Brush Pressure (kg) | 23 |
| Squeegee Width (mm) | 705 |