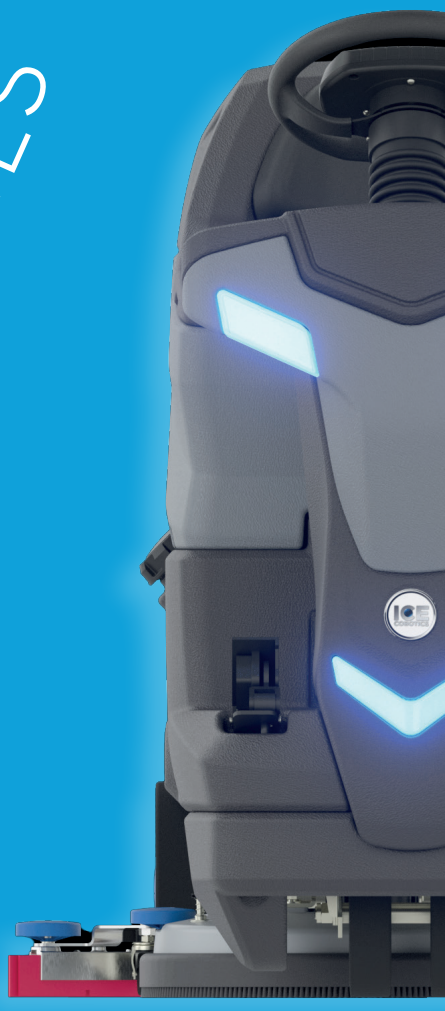
ICE COBOTICS

Human Led. Tech Powered Clean.

#NeverBuyAnotherBattery

5 Year!
Warranty
Lithium-ion Battery
Technology

LITHIUM-ION Y-SERIES



ICE Cobotics Smart Line Y-Series

Energizing Clean by #NeverBuyAnotherBattery

The ICE Cobotics iY-Series brings Energizing Clean to the next level — combining smart simplicity with intelligent i-SYNERGY technology for full operational control and insight.

Powered by advanced lithium-ion, the Y-Series is engineered to reduce total cost of ownership through longer lifetime, faster charging, lower energy consumption, and zero battery maintenance.

Energizing performance. Lower costs. Maximum uptime.

ICE Cobotics Lithium-Ion Technology – Best-in-Class Power. Lowest TCO.

The true cost isn't the machine — it's the Total Cost of Ownership. That's where lithium-ion wins.

ICE Cobotics delivers best-in-class performance with one of the most competitive offers in the industry.

- Longer lifetime
- Faster charging
- Lower energy use
- Zero maintenance

More uptime. Lower costs. Energizing Clean.

5 Year! Warranty Lithium-ion Battery Technology

Smart Line

Walk-behind

i18YL NEW

Cleaning path 46 cm
Capacity 1.500 m²/hour
Working time 4 - 5 hours

i20YL NEW

Cleaning path 51 cm
Capacity 1.800 m²/hour
Working time 3,5 hours

i20YTL NEW

Cleaning path 51 cm
Capacity 2.200 m²/hour
Working time 3 hours

i24YTL NEW

Cleaning path 61 cm
Capacity 2.600 m²/hour
Working time 3 hours

Ride-on

RS20L

Cleaning path 51 cm
Capacity 2.800 m²/hour
Working time 2,5 - 3 hours

iRS26YL NEW

Cleaning path 66 cm
Capacity 4.300 m²/hour
Working time 3 - 3,5 hours

iRS32YL NEW

Cleaning path 81 cm
Capacity 5.200 m²/hour
Working time 3 - 3,5 hours

i-SYNERGY
Cleaning Management in Motion

ICE Cobotics Standard Line Y-Series

Reliable Performance. Powered by Lithium-Ion.

The ICE Cobotics Standard Line Y-series is designed for dependable cleaning in daily operations, combining ease of use with robust build quality.

Equipped with lithium-ion technology, these machines deliver flexible operation, fast charging, and consistent performance — keeping teams productive without interruption.

Reliable. Efficient. Ready when you are.

Li-ion vs. Gel/AGM – The Difference

- Lifetime & uptime – Up to 3x longer life with higher availability
- Charging & efficiency – Fast, opportunity charging with lower energy use
- Performance & reliability – Stable power, no performance drop
- Maintenance, safety & value – Zero maintenance, BMS protection, higher residual valueower costs
- Safety & value – Advanced BMS and higher residual value

5 Year!
Warranty
Lithium-ion Battery
Technology

Standard Line

Walk-behind

15YL NEW

Cleaning path 38 cm
Capacity 1.300 m²/hour
Working time 1,2 hours

18YL NEW

Cleaning path 46 cm
Capacity 1.500 m²/hour
Working time 4 - 5 hours

20Y NEW

Cleaning path 51 cm
Capacity 1.800 m²/hour
Working time 3,5 hours

20YT NEW

Cleaning path 51 cm
Capacity 2.200 m²/hour
Working time 3 hours

24YT NEW

Cleaning path 61 cm
Capacity 2.600 m²/hour
Working time 3 hours

Ride-on

RS26Y NEW

Cleaning path 66 cm
Capacity 4.300 m²/hour
Working time 3 - 3,5 hours

RS32Y NEW

Cleaning path 81 cm
Capacity 5.200 m²/hour
Working time 3 - 3,5 hours

5-Year TCO Comparison (per machine)

Assumptions: 300 cycles/year → 1,500 cycles over 5 years, € 0,25/kWh

Capex + replacements

- Li-ion: € 2.000 (1 battery pack, no replacement needed)
- AGM: € 2.400 (2 battery packs due to shorter lifespan)

Energy costs

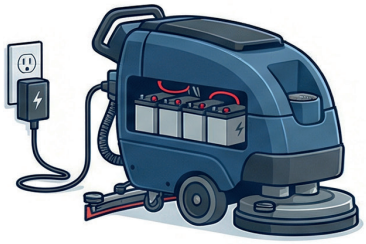
- Li-ion: € 450 (higher efficiency, less energy per cycle)
- AGM: € 675 (lower efficiency, higher energy consumption)

Result

Lithium-ion delivers approximately € 625 savings on hard costs alone, while also reducing downtime, increasing uptime, and improving overall operational efficiency.

Lower costs. Higher productivity. Smarter investment. #NeverBuyAnotherBattery

Traditional Batteries (AGM/GEL)



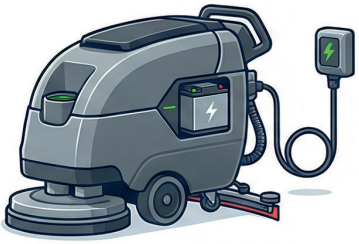
Short Lifespan
Only 500-1000 charge cycles, making annual replacement necessary.

Intensive Maintenance
Requires regular topping up with distilled water and strict loading procedures.

Inflexible Charging
May not be charged in between, which limits usability.

Heavy and Inefficient
It takes 6 kg of battery to store 1 kg of lithium-ion energy.

Lithium-ion Batteries



Long Lifespan
Lasts 6-8 years with 4,000-5,000 charge cycles.

Maintenance Free
No refilling of water or other periodic maintenance required.

Flexible Charging
Can be charged at any time (opportunity charging).

Lightweight and Powerful
Stores 6x more energy per kilogram compared to lead-acid.

Lifetime Cost Comparison Dramatically Lower Total Cost of Ownership

Traditional Batteries (AGM/GEL) over 6 years
Total consumption: Up to 24 batteries (Replace every 1-2 years)

Lithium-ion Battery over 6 years
Total consumption: 1 battery (No replacements)

Scan the QR-Code and contact us!

ICE COBOTICS

Human Led. Tech Powered Clean.

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