



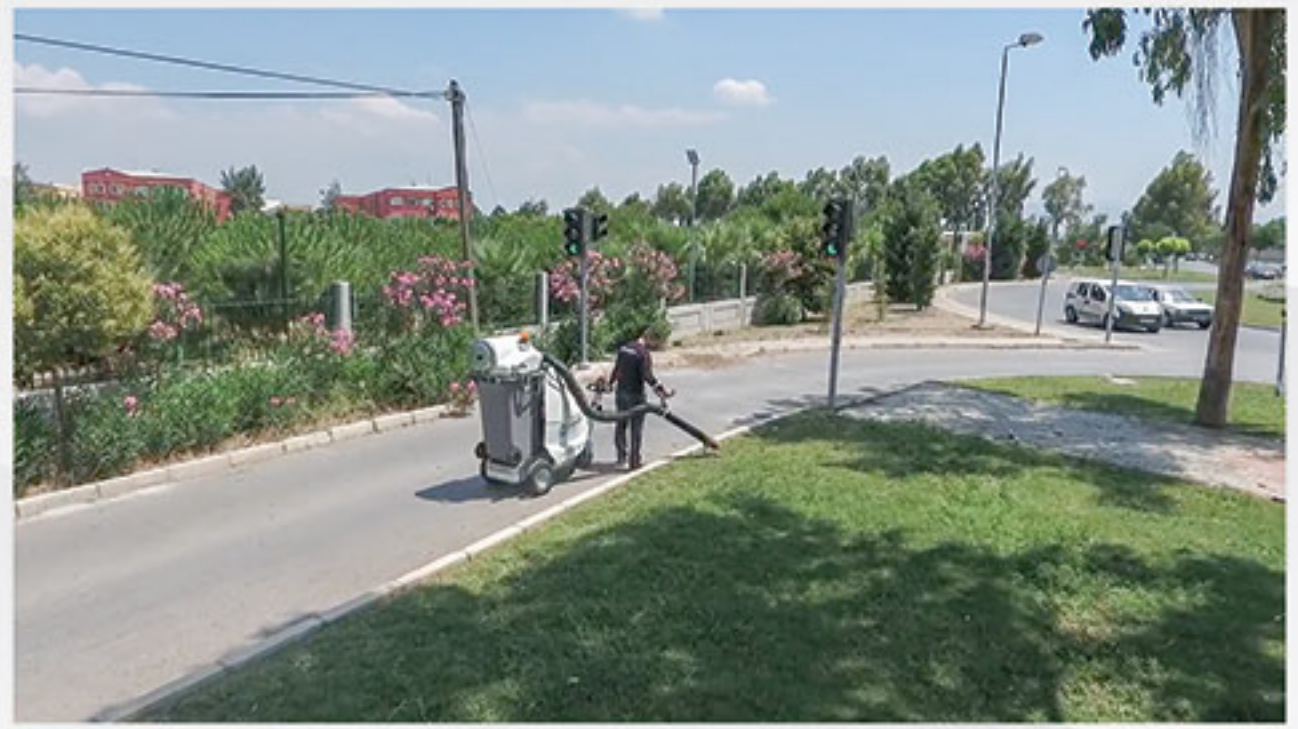
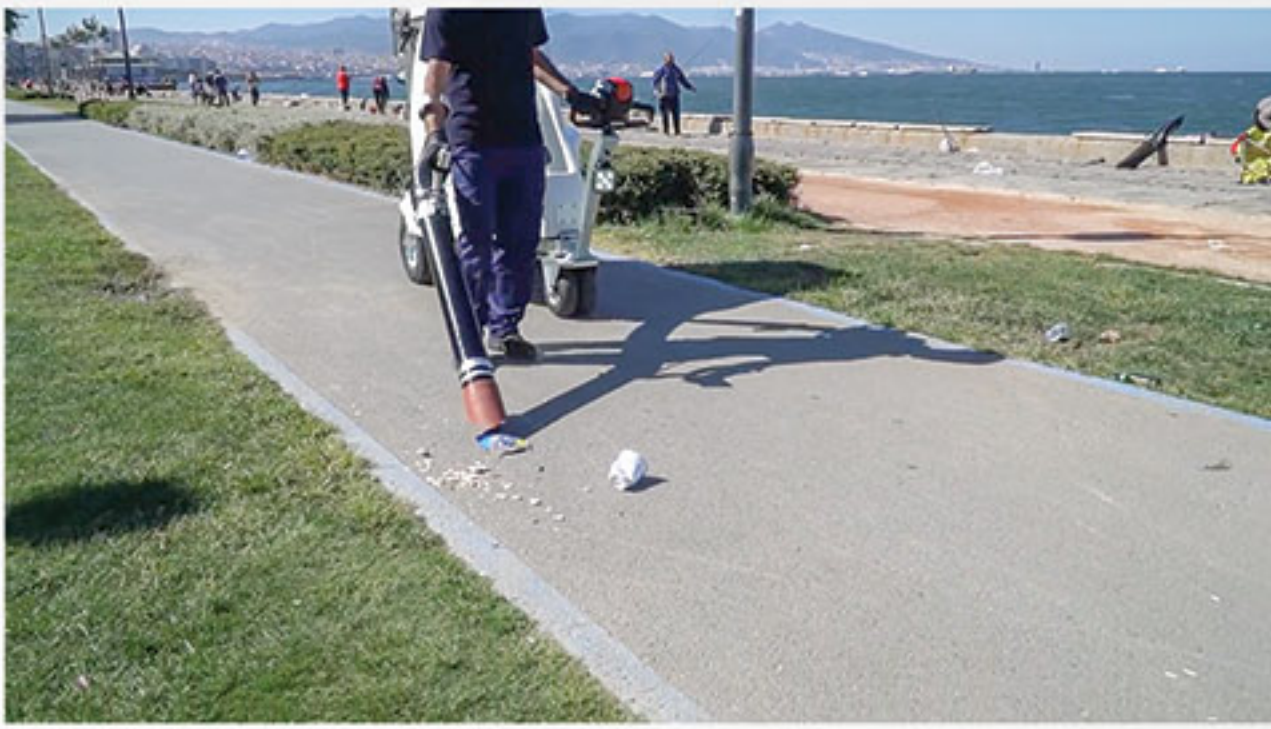
3F

BatteryFLy

100% Electrical Sweeper







- Extremely simple to use, exactly silent!
- It is cost effective and requires almost no maintenance.
- Its design can be customized to match your brand and colors.
- Movement speed can be adjusted non-gradually for 0-6 km/hr.
- It is capable of getting on and off the pavements of 12 cm heights.
- It is not needed more than 1 operator. It saves time, reduces effort, improves safety.
- All the components are chosen from suppliers who have proven themselves in their sector.

- **Silent**
- **Powerful**
- **Self Propelled**
- **Easy to Operate**
- **Maintenance Free**
- **Environmentally Friendly**

0% CO<sub>2</sub> emission



**Powerful Vacuum Cleaner:** BatteryFly vacuum picker is 100% electrical without any CO<sub>2</sub> emission while working.

It is capable of collecting wastes such as paper, cartoon, cans, cigarette butts and packages, leaves, broken glass pieces, plastic or metal bottles, pet wastes, steel or aluminium cuttings and similar remainders on surface. It operates long hours with one charged battery.



*BatteryFly can be operated on all types of ground such as tarmac, concrete, lawn, cinder tracks, sand, paving.*



**Area of Use:** BatteryFly is designed to operate not only in cities or industrial areas but also to clean pavements, roads, alleyways, parks, tree gratings, markets, factories, workshops, car parks, halls, rooms, docks, stations, gardens. Because it is equally effective outdoors and indoors. It enables realization of cleaning plans within shorter periods with just one operator while ensuring high productivity.

It is an urban and industrial sweeper which is ideally suited for practical and efficient usage in the small and narrow areas that a sweeper with brooms can not operate.





**Filter & Grid:** BatteryFly has 24 m<sup>2</sup> mesh filter to provide dust suppression. Paper, galvanized or stainless steel filters are optionally available for both models. Mesh filters can be washable and re-usable for years. The suction system is equipped with an anti-clogging grid to prevent blockage by debris.

**Çeksan in more than 50 countries  
in 6 continents**



**Short Term Lead Time:** Çeksan has flexible production plans in order to provide delivery terms shorter than average of the sector.



**Safety & Warnings:** Safety is important in BatteryFly. It is equipped with audible reversing signal and horn, flashing light, night headlight, LED indicator lights and other warning signs. Reflective strips on the container, fire extinguisher, power and control circuit fuses, and safe movement of the machine without the motor are available on the machine. Emergency stop button is clearly visible on the dashboard, and activated by punching.



## Control Arm in BatteryFly V



## Control Arm in BatteryFly W



BatteryFly control arms allow the operator to use the machine by both right and left hand. Forward and reverse movements are available. It is easy to handle, self propelled, and ergonomic. BatteryFly W has ambidextrous control arm.

## Suction Pipe in BatteryFly V



## Suction Pipe in BatteryFly W



All the debris vacuumed by suction pipe goes directly into a 240-liter standard container that is easy to remove from the machine and empty it. Suction pipe of BatteryFly is designed to vacuum up all types of waste with maximum efficiency. It is equipped with an elbow support for ergonomic and comfortable use. Suction Pipe of BatteryFly W is made of ultra light carbon fiber.





**Reliable and Robust Body:** BatteryFly has stylish polyester body which allows the operator to open it quickly. The chassis which is machine welded and electrogalvanized is durable, highly resistant to impact and wear. Accessing to components is very easy.



**Brake System:** Automatic brake system on BatteryFly allows the operator to work on even sloping roads.



**Charging:** An electric socket is enough to recharge the batteries anywhere. Batteries are charged from a central point with an automatic kit supplied inside the machine.



# Details in BatteryFly

Side bin and manual grip for bulky materials



Dustpan and broom holders



Locked toolbox



Industrial type tyres



Long working life dry batteries; optionally gel or lithium type.



Flexible and transparent suction hose



Wheel kit support



Washable mesh filter, optionally paper filter available



240 lt standard bin



Lights and fire extinguisher



**Service and After Sales:** Çeksan organizes periodical trainings for operators, shares all maintenance schedule as earlier as sales process in order to ensure full valid warranty conditions, and establishes an easily and fast accessible network for spare parts supply. When a technical issue rises beyond capabilities of customers to solve, our company provides in place support thanks to expert team within company organization. Whole product range is assured under Çeksan warranty conditions. We guarantee 10 year spare part supply to our partners.





	<b>BatteryFly V</b>	<b>BatteryFly W</b>
Voltage	24 Volt	48 Volt
Transmission Engine	1200 Watt Electrical	1500 Watt Electrical
Suction Motor	1000 Watt Electrical	1500 Watt Electrical
Garbage Bin Capacity	240 lt	240 lt
Optimum Performance	6-8 hours	8-10 hours
Speed	0-6 km/h	0-6 km/h
Diameter of Suction Hose	110 mm	125 mm
Ground Clearance	>150 mm	>150 mm
Machine Length	2210 mm	2490 mm
Machine Height	1800 mm	2250 mm
Machine Width	980 mm	1025 mm
Suction Pipe	Plastic	Carbon Fiber
Body	Polyester	Polyester
Chassis	Galvanized Steel	Galvanized Steel
Dust Filter	Cleanable & Re-usable	Cleanable & Re-usable
Warning Device	Reverse Audible Alarm	Reverse Audible Alarm
Parking Brake	Equipped	Equipped
Service Brake	Equipped	Equipped
Charger	Equipped	Equipped
Directions	Equipped	Equipped
Fire Extinguisher	Equipped	Equipped
Emergency Stop	Equipped	Equipped
Battery Load Indicator	Equipped	Equipped



Çeksan has been producing sweepers since 1989. We are the member of European Association of Municipal Equipment Manufacturers (EUnited) and our plant is accredited to ISO 9001 Quality Management, ISO 14001 Environmental Management, OHSAS 18001 Occupational Health & Safety Management Systems, and TSE Service Qualification System. Whole BatteryFly product range has CE marking.

Çeksan Research & Development Center officially certified by Ministry of Industry designs and simulates the sweepers with innovative technical tools and software before production. All customized products are manufactured in our factory without outsourcing in order to satisfy customer quality expectations and standards.



ISO 9001



ISO 14001



OHSAS 18001



CE CityRay



CityMouse



CE Cammello



CE Hamarat



CE BatteryFly



CE SmartBee



TSE



PM 10



R&D Center