

500ze





KEEPS YOUR CITY CLEAN AND GREEN.

First impressions count. This does not only apply to people but also to towns, cities and municipalities. Neat and tidy public green areas, roads and paths do not only contribute to a good image for visitors and the local inhabitants, but are also a sign of a council which works perfectly. And they encourage people to keep the city clean and tidy. As far as cleaning is concerned, many details and secondary effects are important, especially as viewed by a critical public. In this context, economic efficiency is equally important as environmental compatibility.



For many years now, Green Machines have aimed to contribute decisively towards cleaner and tidier towns and cities by providing efficient and sophisticated sweeping machines. The electrically operated zero emission models are the most recent outcome of this engineering work. They not only match the exacting sustainability concepts of

urban centers, but are also extremely attractive, especially in term of costs. We have also managed to enhance the performance of all Green Machines with conventional drive systems thanks to a host of clever details. For a city, its inhabitants, the environment and for all those who handle it on a daily basis. Welcome to Green Machines!

OUR E-MISSION: ZERO EMISSION.

The climate is at risk. On both a large and a small scale. As towns and cities struggle with respirable dust and exhaust emission limits, all efforts are being made to reduce CO₂ emissions. Green Machines offers sophisticated e-sweepers for these tasks right now.



The new Green Machines model 500ze with its electrical drive, has already proved its worth in tough day-to-day work. Without exhaust emissions, of course. And also practically almost without noise emissions. In combination with electricity generated from solar,

wind and water power, a cleaning concept has been created which now benefits many towns and cities with lasting effect. We look forward to presenting to you the world of Zero Emission Cleaning in person.

POWER TO PERFORM.

The electrically operated Zero-Emission models of Green Machines use the latest generation of lithium ion storage batteries. They last the whole working day. At unbeatably low energy costs - just 3 € per charge. Thus, the acquisition costs pay for themselves in no time.



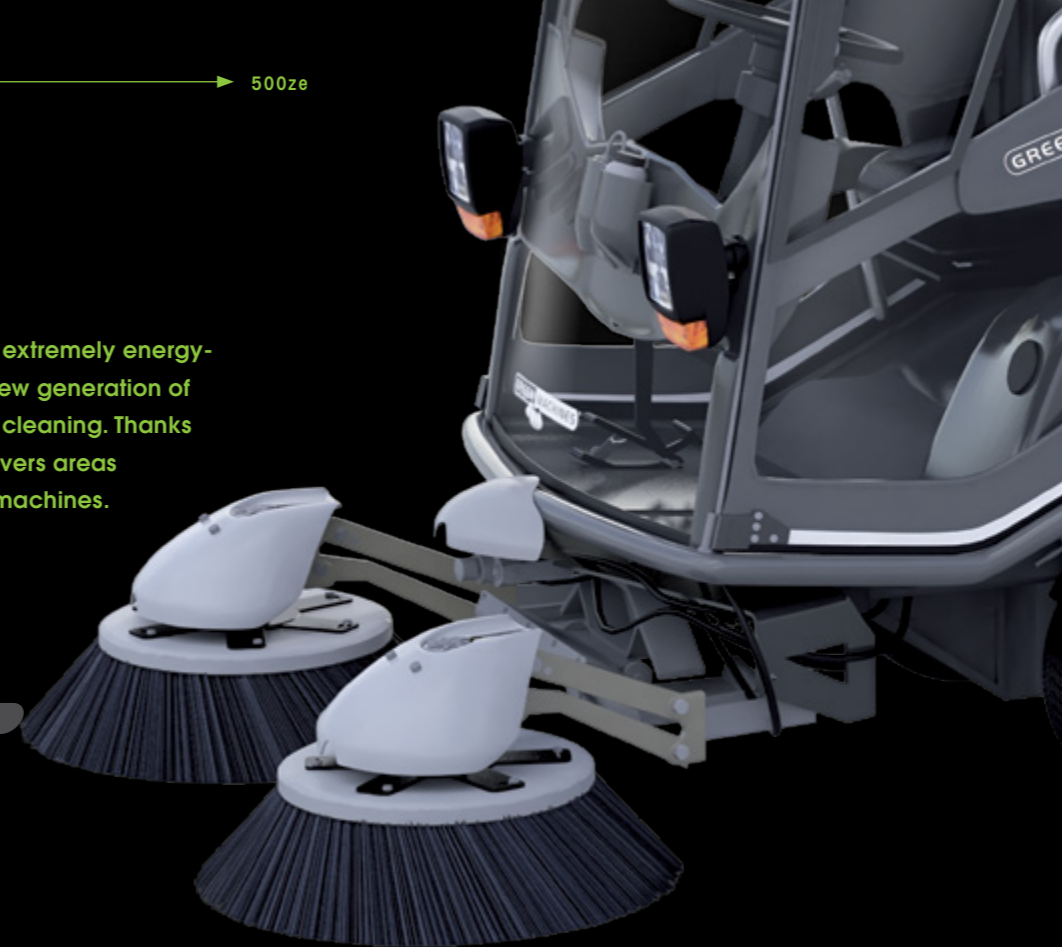
As an alternative, you can rent the storage battery in the scope of our program, which is good to save your assets.

zero emission

500ze

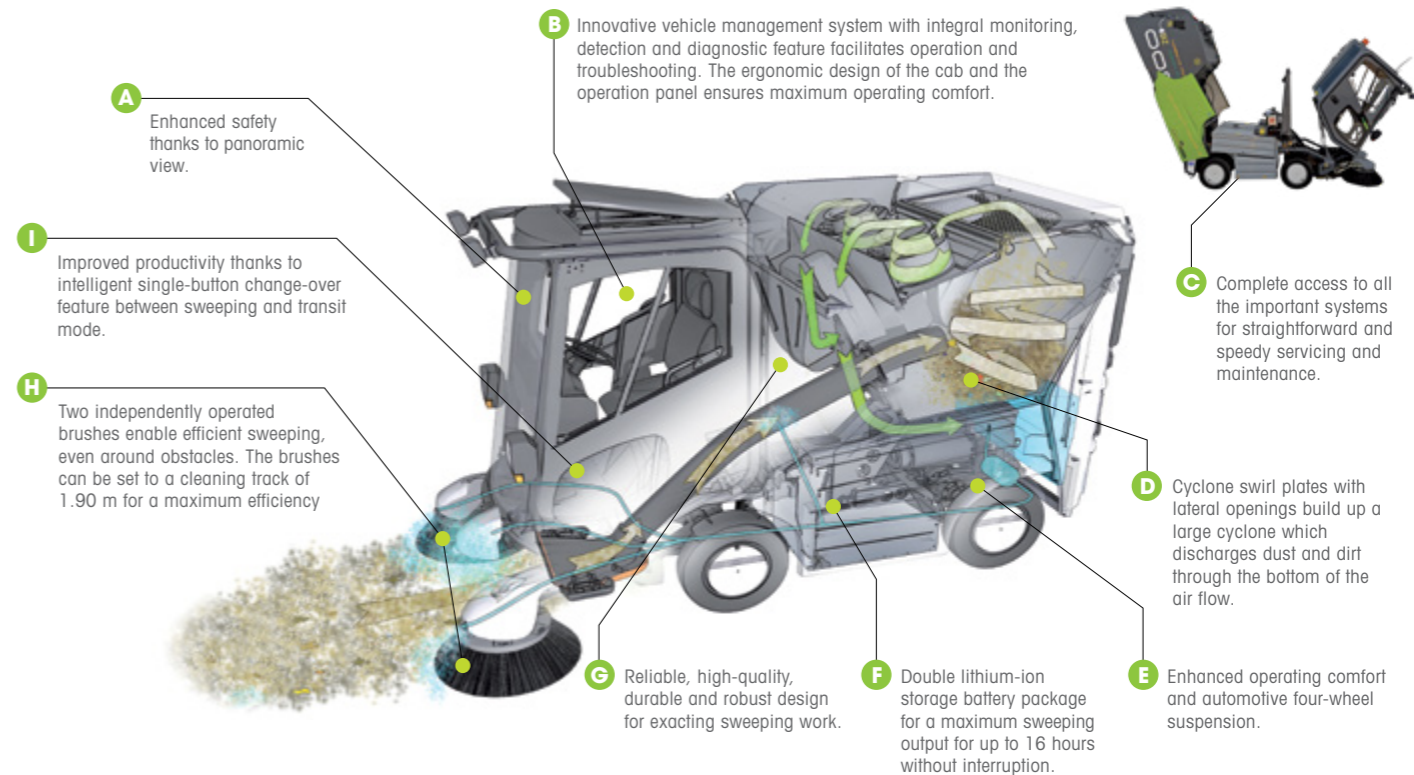
The new generation of electrical sweepers.

Zero emission, almost zero noise, extremely energy- and cost-saving: the 500ze is a new generation of environmentally compatible city cleaning. Thanks to its innovative design, it also covers areas which are out of reach for other machines.



THE MARATHON MACHINE.

Lasting performance* for a clean town, city and environment.



TECHNICAL SPECIFICATIONS.



500ze



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SWEEPING SYSTEM

Type	Sweeper
Working width: minimum (brushes retracted)	1,300 mm
Maximum (brushes extended completely)	1,900 mm
Capacity of container for sweepings	1 m ³

DUST CONTROL SYSTEM

Dust filtering	SeparationThree-stage filtering
Stage 1:	Cyclon swirl plate with lateral openings
Stage 2:	Flat filter made of stainless steel
Stage 3:	Double cyclones
Dust control system	Standard
CloudMaker®	10 vanes made of steel alloy
Vacuum impeller	

DRIVE SYSTEM

Drive motor	Induction DC traction motor
500ze single battery package	1 shift operation
500ze+ double battery package	2 shift operation
Suspension: front and rear	Automobile helical springs with shock absorber
Driving speed	up to 25 km/h
Sweeping speed	0 – 12 km/h

DIMENSIONS OF THE MACHINE


Length	3,330 mm
Width	1,200 mm
Height	1,980 mm
GVW-500ze	2,325 kg
GVW-500ze+	2,670 kg
Wheelbase	1,400 mm
Turning circle	
Curb to curb	2,750 mm
Wall to wall	3,550 mm




Technical data subject to change without prior notice.


FOR A CITY WORTH LIVING.









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