



# Professional cleaning made simple

## Nanjing TVX Cleaning Equipment Co., Ltd.

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## Large Ride-on Sweeper

P040002

Version No.: V2.0 20220322

\*The image shown here is indicative only. If there is inconsistency  
\*Between the image and the actual product, the actual product shall govern



# TS1900 Series



• **Landscape of the City**

The spring is green with singing birds and fragrant flowers. The city is beautiful due to brightness and cleanness, which make life brilliant and extraordinary. TVX large ride-on sweeper is today's scenery and tomorrow's classic.

“

**Come from the world's top industrial design company of Italy  
Innovative and modern style, a shining design at first sight  
Let the good looking and excellent machine become our working partner.**



**Products Advantages**

- Large cleaning width, fast working speed and maximum working efficiency of 19,000m<sup>2</sup>/h
- Spray dust control, double high performance brushless vacuum suction motors, 6m<sup>2</sup> high-efficiency filter: three functions sweep the dust away
- High efficiency battery with long battery life, large capacity solution tank and dustbin, provide guarantee for continuous operation
- The upper part of the dust box can be equipped with a separate high-pressure water gun which can easily remove stubborn stains
- Optional fans or air conditioner, can adapt to the extreme climate conditions of the operation and improve the operator experience

Advanced CAN system makes the interaction easy.

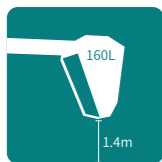
Powerful dust removal, dust suppression and dust absorption function can easily clean up the dust and garbage debris one-time.

Equipped with an intelligent IOT system, it can help comprehensively monitor the sweeper's status at any time, optimize the scheduling scheme and power consumption, effectively help carbon neutralization and carbon peak, and reduce the comprehensive cost of users.

Enclosed and high position cab, with a wide view, can operate in various weather conditions, and meet more complex cleaning scenes.

With safety and humanized design, TS1900 series is not afraid of any climate, any scene.

Product Features / Powerful Function



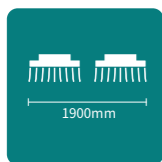
Automatic dumping dustbin which can load 200Kg



Waterproof and dustproof 6m² high-efficiency filter



Adjustable rolling brush with constant ground pressure



1900mm working width



Panel button control on the side brush and rolling brush up and down



More powerful suction ability with double vacuum motors



- Filter shaker motor can help collect the dust to the dustbin to prevent the residue inside the dust box
- With 230L large solution tank, can suppress the dust effectively
- Main brush consists of a variety of materials, effectively increase hardness, toughness and wear resistance, suitable for a variety of ground

- Auto start: one button can start the side brush, roll brush, vacuum, spray function which simplify the use of steps and improve the operating feeling
- Tilt side brush can gather garbage and avoid throwing out
- Max climbing degree reaches 25° due to strong rear-drive motor

Product Features / Operation and Safety



- Normal, Steep slope, Snow mode can improve the safety of driving
- The brushes gradually increase the speed when the machine is running which protect the luster of the ground and reduce the wear of the brushes

- The front brush is equipped with elastic protection mechanism which produce mechanical buffer upon impact and reset the brushes at the same time, to prevent damage to the motor and side brush
- Combination switches can control lights and wipers which it is easy to use and offer better sight



Normal mode, Steep slope mode and Snow mode



Soft start of motor

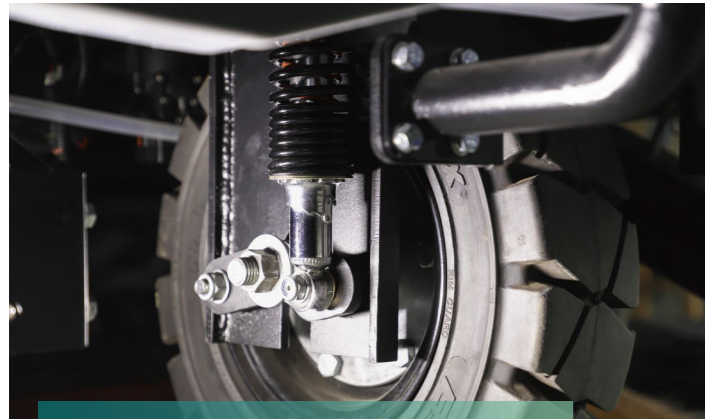


Backup camera and radar



Automatic deceleration when make a turn

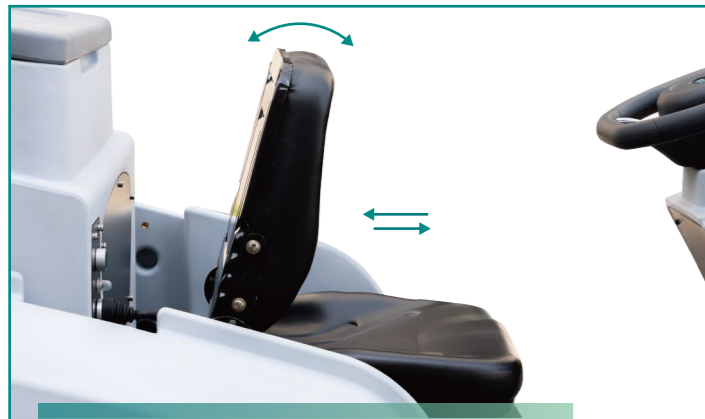
Product Features / Humanization Design



Wheels are equipped with shock absorption system, which can easily pass through the uneven road. Driving is more comfortable



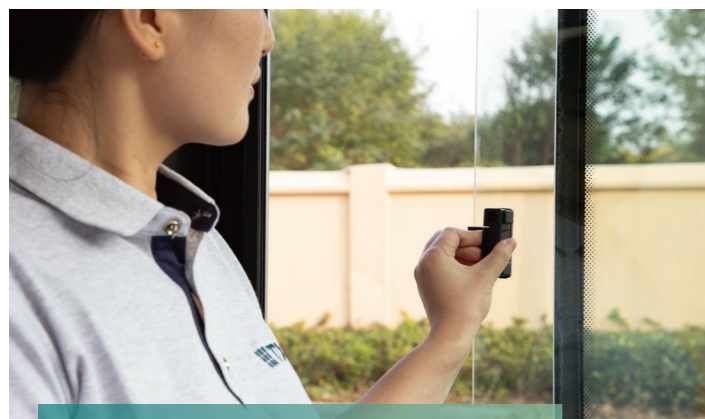
Design of storage space and USB interface



Ergonomic design seats: seats and backrest can be adjusted by the height



Easy and convenient to maintain



The side window can be opened, making the cab more comfortable



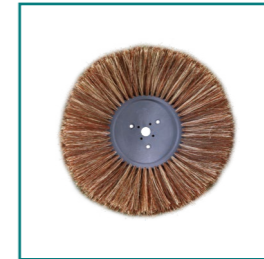
Turning assistance motor: easy to drive at your will

Specification

	TS1900	TS1900S	TS1900H	TS1900HS	TS1900AS
Solution tank	230L				
Cab	Open-top	Open-top	Semi-enclosed	Semi-enclosed	Fully enclosed
Working width	1900mm				
Max forward speed	10Km/h				
Max capacities	19000m <sup>3</sup> /h				
Side brush size	φ500mm×4				
Roller brush size	φ430×L800mm				
Filter area	6m <sup>2</sup>				
Turning radius	1.9m				
Dustbin type	Manual garbage dump	Automatic garbage dump	Manual garbage dump	Automatic garbage dump	Automatic garbage dump
Dustbin volume	160L				
Driving type	Rear engine drive				
Driving mode	Normal mode Steep slope mode Snow mode				
Drive motor	48V/2200W				
Brush motor	48V/140W×4				
Roller brush motor	48V/1500W				
Vacuum motor	48V/218W×2				
Windshield wiper motor	/	/	/	/	24V/50W
Display size	5"				
IOT	•				
System upgrading	•				
Max gradient	25%	25%	21%	21%	21%
Rear brake	Drum brake				
Cushioning	Double front wheels shock absorber				
Parking brake	Electromagnetic brake				
Reversing radar	•				
Backup camera	•				
Working voltage	DC48V				
Batteries weight	33Kg×8				
Lithium battery	○				
Dimensions	2300×1900×1800mm	2300×1900×1800mm	2300×1900×2400mm	2300×1900×2400mm	2300×1900×2400mm
Net weight (excluding batteries)	930Kg	980Kg	1110Kg	1150Kg	1250Kg
Seat adjustment mode	Forward and backward adjustment		Backrest angle adjustment		
Fan	/	/	•	•	•
Air conditioner	/	/	/	/	○
Glass	/	/	Acrylic glass	Acrylic glass	Toughened glass
Water blaster	○				
Steering wheel	High-density polyester fiber				

Remark: • Standard ○ Optional / NA

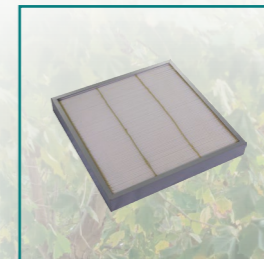
Attachment / Spare Parts



Side brush



Rolling brush



High efficiency filter



AGM battery

Application



Community

Campus

Street

Park

Stadium

Industrial Park



In an innovative, intelligent and sustainable way, TVX can describe the new scenery of the city, so that customers can have a better life experience offering efficient and economic solutions is the direction of TVX's long-term efforts, and also the value and responsibility of the enterprise. In the future, TVX will continue to devote itself to the cause of cleaning industry and provide more professional scenarios plans and service platforms.