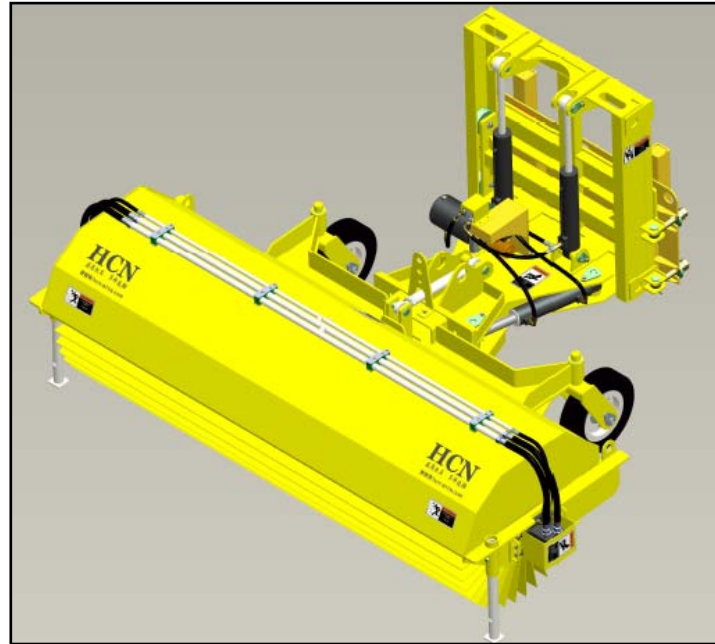


Series T01100 Automobile Sweeper

I. Picture



II. Main technical parameters of product:

Technical parameters of automobile sweeper assembly	
Model	T01100
Total length (mm)	2180
Total width (mm)	2930
Total height (mm)	1425
Transport height (mm)	1100
Total weight (including hanging parts) (Kg)	1150
Sweeping width (mm)	2500
Swing angle (°) (hydraulic steering)	±30
Sweeping width after the swing of 30° (mm)	2200
Brush roller diameter (mm)	• 800
Allowed maximum pressure (Mpa)	20
Operating flow (L/Min)	110-150



Operating voltage (V)	DC24
Applicable vehicle	(Trucks with total mass of 12t and above)

III. Descriptions of product features

1. Economic snow cleaning (removal) equipment to simplify the sweeping of ice, snow, and materials efficiently. Mounted on various types of automobiles, the hydraulic sweeper can be applied on many occasions and in snow removal from high-grade highways, municipal roads, airports, squares, and roads in beauty spots and is characterized by convenient installation, flexible use, high work efficiency, reliable quality, outstanding performance, and so on.

2. With the application of the fast connection structure hanging and installation and the automotive chassis, which are safe and reliable, the sweeper can be disassembled and assembled in a short time with high operation efficiency and a reduction of the operator's labor intensity.

3. With the pulleys, guide wheels, and double-cylinder control applied for the vertical lifting mechanism, the sweeper can be lifted more flexibly, reducing the lifting height of the sweeper and making the view of the operator wider as well as enabling safer and more reliable operation.

4. Directly driven by the hydraulic power station, the sweeper swings from left to right with the realization of stepless adjustment within a swinging angle of $\pm 30^\circ$ and rapidly changeable sweeping direction. With the double-acting dual-cylinder as the swing cylinder, it adapts to the operation requirements in different environments.

5. Through the adjustment of the rotating shaft with a two-way assembly rod end knuckle bearing, the height of the pre-set roller brush can be adjusted steplessly and rapidly, which is convenient and fast with more accurate brush adjustment and a greatly prolonged service life.

6. With its floating function on terrain, the sweeper swings from left to right along the cross slope of the pavement to improve the sweeping effect on uneven sites.

7. With the application of the fast replacement system in the installation, the brush and motor can be replaced easily and rapidly, greatly increasing the working efficiency.

8. A new blending-thread brush is applied, comprised of highly elastic, wear-resistant, and rhombic polyethylene propylene engineering material for the plastic threads and highly elastic and wear-resistant 32SiMnTi material for the wires, which greatly prolongs the service life of the brush and improves the sweeping effect.



9. Two solid tire universal wheels designed to ensure smooth and flexible driving of the automobile sweeper enable operation when steering and guarantee the safety and service life of tires.

10. With the application of the direct dual-motor drive, the automobile sweeper is more strongly powered, which greatly improves the operation efficiency.

11. Designed with a hydraulic floating function in the hydraulic system, the barrier is automatically shielded by the sweeper through the hydraulic control. After crossing the barrier, the sweeping is fast without any sign .

12. The controller placed inside the cab completes all motion commands to the sweeper. The controller keys and operation handles are flexible, reliable, and convenient for operation.

13. The optional lighting system meets the operation requirements at night. The visual wide leveling poles rolled and painted at both ends can be operated conveniently by operators.

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