

Series BM11A Bevel Sweeper

I. Pictures:



II. Main technical parameters of product:

Technical Parameters of Bevel Sweeper			
Model	BM11A96	BM11A120	BM11A140
Total length (mm)	2060	2150	2150
Total width (mm)	3260	3850	4450
Total height (mm)	1480	1480	1480
Transport height (mm)	1165	1190	1190
Total weight (including hanging parts) (Kg)	1025	1265	1400
Sweeping width (mm)	2440	3000	3600
Swing angle (°) (hydraulic steering)	±30	±30	±30
Sweeping width after the swing of 30° (mm)	2115	2600	3120
Brush roller diameter (mm)	• 800	• 800	• 800
Allowed maximum pressure (Mpa)	20	20	20
Operating flow (L/Min)	130-160	160-200	200-220



Operating voltage (V)	DC24	DC24	DC24
Hanging and installing model	2 t/ 3 t loader	3 t/ 5 t loader	5 t loader

III. Main characteristics of product

Quickly cleans snow and dirt from streets, squares, and roads without any damage to the road pavement; characterized by easy installation, flexible use, high work efficiency, reliable quality, outstanding performance, and so on.

1. With a front-mounted large-diameter polypropylene and steel wire mixed brush roller, mainly used for removing natural loose snow and having the advantages of wear resistance, high elasticity, and bending resistance without causing damage to the road surface.

2. Capable of swinging from left to right for snow removal through the hydraulic drive, with an adjustable swing angle of $\pm 30^\circ$ to change the sweeping direction.

3. Capable of swinging from left to right along the cross slope of the road surface, which can not only improve the snow removal effect but also facilitate uniform contact of the brush with the road surface, ensuring uniform wear and thereby improving the service life of the roller brush.

4. Provided with a snow blocking device on the front upper part of the front-mounted roller brush to prevent the snow mist formed during high-speed snow cleaning from falling onto the cab and affecting the driver's vision.

5. An unsupported wheel design is adopted to reduce failure, reduce maintenance costs, avoid a blind area of cleaning, and improve the snow removal efficiency.

6. A controller placed in the cab can complete the functions of left or right swinging of the snow removal machinery as well as the rotation of the roller brush. The controller buttons and the operating handle are flexible and reliable, with ease of operation.

7. Visual wide leveling poles are provided on both ends of the roller brush for convenience of operation by the operators.

8. With a double-beam frame support structure capable of meeting the requirements of high-intensity operation.

9. If it is equipped on a small loader, the client shall independently install the position limiter for bucket tilt-back and the skip bucket as per the condition of the main equipment.

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