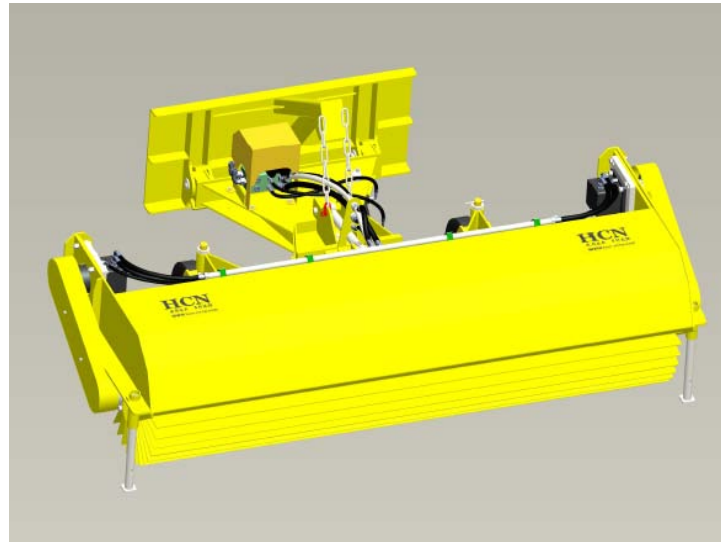


## Series BM11B Bevel Sweeper

### I. Picture



### II. Main technical parameters of product:

Technical parameters of bevel sweeper assembly	
Model	BM11B120
Total length (mm)	2230
Total width (mm)	3440
Total height (mm)	1210
Transport height (mm)	835
Total weight (including hanging parts) (Kg)	1300
Sweeping width (mm)	3000
Swing angle (°) (hydraulic steering)	±30
Sweeping width after the swing of 30° (mm)	2750
Brush roller diameter • (mm)	800
Allowed maximum pressure (Mpa)	20



Operating flow (L/Min)	160-200
Operating voltage (V)	DC24
Applicable model	Loader of 3T and above

### III. Descriptions for product features

1. Economical snow cleaning equipment that enables more simple and efficient cleaning of snow, ice, and materials, with a hydraulic driven sweeper available on a variety of types of loaders; available for many occasions, such as snow removal from high-grade highways, municipal roads, airports, squares, and roads in beauty spots; characterized by convenient installation, flexible use, high work efficiency, reliable quality, outstanding performance, and so on.

2. Capable of swinging to left and right by a range of  $\pm 30^\circ$  by stepless adjustment and quickly changing direction by direct driving of the hydraulic control valve set.

3. Provided with a front roller brush equipped with a two-way assembly rod end joint bearing; convenient, quick and accurate stepless adjustment of brush height by adjusting the rotating shaft; greatly prolonged brush service life.

4. Adaptable to changes of topography and able to swing to left and right along the cross slope of the pavement, greatly improving the cleaning effect on uneven ground.

5. Rapid replacement system that provides convenient and quick replacement of brush motor and significantly promotes efficiency.

6. A new type of mixed brush is used, in which the plastic wire is made of highly elastic, wear-resistant, diamond-shaped polyethylene-propylene engineering material and the steel wire is made of highly elastic and wear-resistant 32SiMnTi material, which greatly improves the service life of the brush and the cleaning effect.

7. Designed with two solid tire universal wheels to ensure smooth and flexible driving, enable operation in loader steering, and guarantee the safety and service life of tires; provided with self-lubricating bearings inside wheels to guarantee that the universal wheels will smoothly rotate by  $360^\circ$  under heavy load.

8. Dual-motor chain driving mode provides stronger power and greatly improved efficiency of operation.

9. All motion commands for the sweeper are completed by the controller in the cab; flexible, reliable, and convenient controller keys and operation handles.

10. Optional alarm system for night operation.

11. 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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