

Multi Service Vehicle 50 inch High Capacity Ribbon style Snow Blower

--Specify 50, 60, or 72 inch blower width--

Specification	Yes	No	Other/Specify
The snow blower intake shall be ____ wide with a 43" high intake height			
The blower shall be a two stage design with a 32" diameter auger driven by dual hydraulic motors and a PTO driven 29" diameter fan			
The fan shall be driven directly from the PTO gearbox output shaft, with no further gearboxes or gear reduction employed.			
The single ribbon shall be driven directly by a hydraulic motor on each end for maximum torque and protection by pressure relief to eliminate shear pin and shear pin replacement on the ribbon.			
Gear boxes to drive the ribbon shall not be placed in the snow path where it may block or impede snow flow through the ribbon and into the impeller housing.			
The ribbon assembly shall be designed in such a way as to allow easy replacement as a single piece.			
The blower capacity shall be 700 tons per hour.			
The overall blower height shall be 92" with chute deflector raised and 80" with the deflector lowered			
Blower shall be attached to the tractor by means of a three point Cat II hitch			
The leading edge of the snow blower shall be protected by a reversible, replaceable bolt on 4" x 1/2" cutting edge			
The discharge chute shall rotate through an arc of 195 degrees. Actuation and control of the chute shall be provided from the joystick in the cab by means of electric over hydraulic controls.			
The chute deflector shall be electric over hydraulically controlled by means of a double hydraulic cylinder			
The upper edge of the blower intake shall include a 5" wide masticated rubber deflector strip.			
The blower shall be equipped with adjustable storage stand to allow the blower to be stored in a convenient position for easy attachment and removal.			

All hydraulic connections shall be made by quick disconnect fittings.			
The speed of the ribbon shall be controlled independently from that of the impeller to deal with various snow conditions.			
The blower ribbon shall be reversible from the cab without extra hydraulic valving to assist in clearing snow jams or obstructions from the ribbon.			