

## 4600-CRDL Cradling Airport Broom



- Stowing (cradling, in-line) broom head design for transport and storage...102 inches width
- Casters lift off the ground when cradled to eliminate damage during transport and to extend caster life
- 26,000 pound steering axle with ABS brakes controlled by fifth wheel type broom to chassis connection. Closed loop hydraulic controlled steering system with automatic drift control and provisions for centering and disengaging the axle steering system by the operator
- Multiple towing chassis configurations of adequate size, axle and horsepower ratings  
Retrofittable to existing chassis
- Towing chassis determines turning radius...Broom always follows
- 46" diameter @ 16, 18, 20, and 22 foot broom lengths...Up to 18.0 foot swept path
- Caterpillar C13, 475 HP, electronic turbocharged diesel engine, 12.5 liter
- 600 rpm broom with 4024 ft-lbs of available torque at the broom shaft at 5075 psi maximum working pressure
- Dual impeller forced air blower: 23,040 CFM @ 410 MPH
- Dual 75 gallon fuel tanks dedicated for the broom engine for 12 hours of operation
- Tilting, hydraulic powered fiberglass engine enclosure
- Electric auxiliary motor with hydraulic pump for service and back-up for all auxiliary hydraulics
- Operator friendly, cab portable operator's control box, microprocessor CAN bus controls with MDC (Monitor, Diagnose, Control) color screen display. Optional integrated controls with plow using CAN joystick
  - Fully functional MDC controls in broom engine enclosure
- Optional automatic pattern adjustment, brush RPM ground speed controlled, and rear camera system among others