



4600-CRDL

Cradling Towed Airport Broom

The 4600-CRDL Cradling Broom is designed with storage and transport in mind. The unique and functional design promotes safety, productivity and longevity while saving you storage space and time.

Features & Benefits

- Stowing broom head design for easy transport and storage
- Casters raise when cradled to eliminate damage during transport and extend caster life
- Steering system with automatic drift control
- Towing chassis determines turning radius to ensure the broom consistently follows the chassis
- Center rotating bearing ensures the weight and location of the broom head remains on the carrier center line regardless of the position of the broom head
- Broom head tilt independent of chassis to compensate for surface variations and minimize brush pattern deviation during operation
- Gearboxes with keyed tapered hubs to prevent loose connections
- Hardened steel pilot plates and core sprockets to accommodate radial loads
- Molded urethane drive cogs for torque transmission
- Independent auxiliary electric motor with hydraulic pump to support hydraulics and jack stand
- Operator controls in cab and engine enclosure to promote operator safety and operations
- Battery disconnect switch to remove power to unit
- Broom speed tachometer

	4600-CRDL Included in Standard Model
Broom Frame	102 in width
Steering Axle	25,000 lbs, ABS brakes, electronically controlled
Broom Head	46 in diameter @ 18 in broom length, with amber and red marker lights
Engine	375 HP, electronic turbocharge, diesel, T4F EPA/ stage 5 emission certified, ether start, heated fuel water separator
Broom Oscillation	8° (+/-4)
Air Blower	Dual impeller, forced air, 23,000 cfm @ 410 mph total
Brush Material	wire, poly or alternating
Fuel Tank	150 gal / approx. 12 hr operation
Enclosure	Butterfly fiberglass, hand power assist

Broom Head Configuration Options:

- 20 ft broom length
- 22 ft broom length

Broom Power Package Options:

- 496 HP, electronic turbocharged diesel engine, T4F, EPA / Stage 5 emission certified, 500 rpm broom with 4,828 ft-lbs of available torque at the broom shaft at 5,075 psi, or optional 600 rpm broom with 4,024 ft-lbs of available torque.

Engine Options:

- Broom engine oil pan heater, pad type
- Broom engine block heater, immersion type
- Battery trickle charger, 1.5 amp
- Battery charger, 20 amp
- Battery heater, pad type
- Remote jump start battery lugs
- Hydraulic oil tank heater, pad type
- Fuel heater, pad tank type
- Coolant filter

Broom General Options:

- Automatic brush pattern adjustment
- Broom head vibrator
- Ground speed control (Required: automatic brush pattern adjustment and broom speed tachometer)
- Broom hydrostatic pressure gauge
- Auto stripper bar adjustment system (Required: automatic brush pattern adjustment)
- Snow shed hood
- Rear view color camera system
- 13 lbs of poly/wire alternating wafers in place of all poly wafers

Broom Spare Parts Options:

- Broom chassis axle tire and wheel
- Set of broom cores
- Set of four broom carts, non-adjustable
- Set of two end plate jacks for core change
- Caster tire and wheel, nitrogen filled
- Caster tire, wheel, hub, bearings, axle, nuts, nitrogen filled
- Caster tire and wheel, foam filled
- Caster tire, wheel, hub, bearings, axle, nuts, foam filled
- All poly, all wire or poly/wire alternating wafer kits

CRDL, Chassis Integration of towing Chassis Option:

- Stationary fifth wheel and mounting, 9,000 lb ballast, plow controls and rear axle protector

