



The Heavy Duty CNG Sweeper

Allianz Johnstone CNG 4000



Manufacturers and distributors:
Allianz Sweepers & Johnstone Sweepers

Allianz Johnston 4000

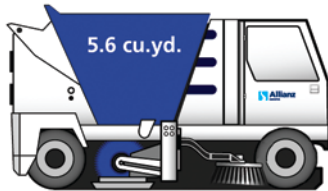
The Heavy Duty CNG Sweeper

The CNG 4000 is the toughest and most rugged purpose built mechanical sweeping system ever constructed. It is designed to take the worst sweeping conditions such as construction site clean up, state highway sweeping, industrial yards, road resurfacing applications including millings, heavy sand and chip seal.

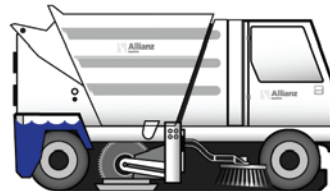
The CNG 4000 has passed the formidable California Department of Transportation sweeper acceptance test where it was required to sweep up heavy sand at the rate of three tons per minute! That's one ton of sand every twenty seconds!

4000 Features and Benefits

- 5.6 cu. yd. (4.3 m³) hopper dramatically increases curb miles swept between dump cycles. Constructed entirely of stainless steel and covered by a lifetime warranty, ensuring the lowest cost of ownership and guaranteeing greater resale value.



- Modern, comfortable and well-appointed sound suppressed operator's cab.
- Equal width pick-up broom and elevator system ensures smooth, even material flow.
- 250 gals. (946 L) water tank is made of polyethylene and guaranteed against corrosion for life.



- Compact, maneuverable with short wheelbase and tight turning radius of 18 ft. 6 in. (5.6 m)
- Hopper mid-mounted for balanced weight distribution and superior loading.
- Standard high dump hopper empties into a 114 in. (2895 mm) container.
- Speeds in excess of 65 mph (105 km/h) minimize travel time between work sites and maximize swept miles per day.

- Heavy duty pick-up across the full 125 in. (3175 mm) sweeping path.
- Vehicle frame features a continuously welded C channel, making it the most durable in the industry. Plus, it's backed by a lifetime warranty.
- As all Allianz Johnston sweepers are, the CNG 4000 is PM10 certified and meets the requirements for compliance with SCAQMD Ruel 1186.



ABOVE
Tight 18 ft 6 in. (5.6 m)
turning radius for
superb agility



PICTURES
Today's toughest and most
rugged heavy duty sweeper
ever constructed.

Superior visibility, handling and comfort

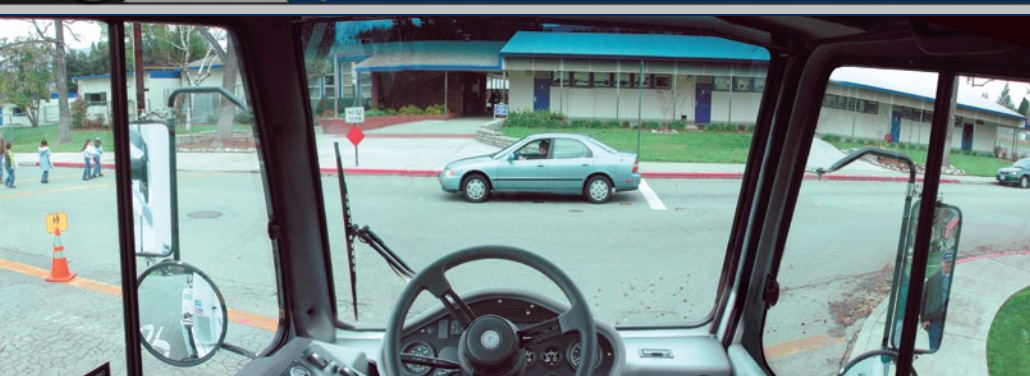
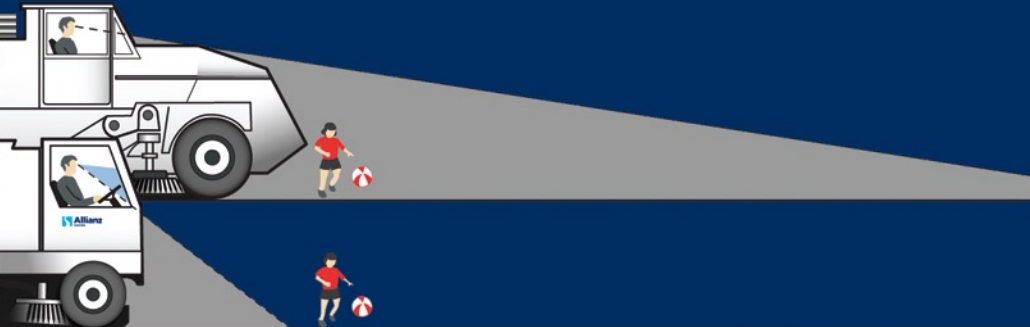
Exceptional visibility increases operator and pedestrian safety

The 4000 offers the best operating visibility of any four wheel street sweeper on the market. Front-and-center cab location provides an unobstructed view of the street, curb and gutter brooms at all times. Maximum visibility means increased sweeping efficiency, better operator effectiveness and faster, safer sweeping performance.



TOP
5.6 cu. yd. high dump
hopper allows for longer
sweeping distances
before unloading.

BELOW
Easy access
engine checks



4000 Features and Benefits

- The CNG 4000 offers the best operating visibility of any three wheel street sweeper on the market.
- 3800 square inches of tinted safety glass gives the operator outstanding visibility.
- Maximum visibility means increased sweeping efficiency, better operator effectiveness and faster, safer sweeping performance.
- Dirt conveying system is 58 in. wide and each aspect of the system has its own dedicated hydraulic pump.
- Dirt conveyor features an overthrow system for quick debris transfer and maximum hopper loading capacity.
- Three dedicated hydraulic pumps provide maximum sweeping power to the gutter broom, pick-up broom and dirt conveying system.

- In-cab adjustment of dirt conveyor aperture allows pick up of leaves and bulkier materials.



- Low-maintenance drive system design reaches road speeds of 65 mph (105 km/h) and handles steep grades up to 21°. No need to ride the brake to creep along for heavy sweeping- operator has smooth control at all speeds.
- Vehicle is powder coated for a durable automotive finish that resists the extremes of a heavy-duty work environment.

- All key components are within easy reach for maintenance.
- In-cab gutter broom pressure control
- Self adjusting ground pressure pick-up broom
- Purpose built sweeper for one stop shop parts

Options

- High Performance Sweep Package
 - Triple pump
 - 11 elevator flight
 - Stainless Steel Hopper

Outline Specifications Allianz Johnston CNG 4000

Engine:	230 HP, Cummins ISB, 5.9L B Gas plus Natural Gas Engine
Hopper:	5.6 cu.yd. (4.3 m ³), high dump
Payload capacity:	12,000 Lbs (5443 kg)
Road speed:	65 MPH (105 km/h)
Sweeping path:	125 in. (3175 mm)
Brakes:	ABS system
Water tank:	250 gal (946 L), polyethylene
Gutter broom:	47 in. (1194 mm) dia., dual gutter broom
Fuel tank:	Three Lincoln Composite CNG Tanks (57.9 dge capacity)
Elevator type:	7 or 11 flight squeegee

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