



Centurion Model Specifications

STREET SWEEPER (High lift dump)

Feature		
Sweeping System		
Sweeping path		
One gutter broom	94-inch	2,385 mm
Two gutter broom	120-inch	3,050 mm
Gutter broom		
Diameter	44-inch	1,115 mm
Pickup broom		
Length	68-inch	1,725 mm
Diameter	35.5-inch	900 mm
Drive	Direct drive hydraulic	Direct drive hydraulic
Speed & down pressure	Variable	Variable
Dirt hopper		
Capacity, volumetric	6.8 yard ³	6.2 m ³
Material volume	4.0 yard ³	3.6 m ³
Maximum dump height-bottom of discharge door	120-inch	3,050 mm
Maximum dump height-bottom of hopper	148-inch	3,760 mm
Minimum dump height-bottom of discharge door	32-inch	810 mm
Design capacity	11,000 lb	4,990 kg
Reach	27-inch	685 mm
Dirt conveyor		
Type	Belt w/angled flights	Belt w/angled flights
Speed	StreetSmart™ system	StreetSmart™ system
Elevator jam warning device	In cab audio/visual	In cab audio/visual
Dust Control System		
Dry dust control system		
Filter area	256.0 ft ²	25 m ²
Fan diameter	28.5-inch	725 mm
Wet dust control system		
Capacity of tank	300 gallon	1,135 liter
Spray nozzles	Bumper, gutter brooms, conv.	Bumper, gutter brooms, conveyor
Controls	Electronic	Electronic
Filter	In-line, 50 mesh	In-line, 50 mesh
Water tank	Polyethylene	Polyethylene
Propelling System		
Engine		
Make & type	Duramax 7800 Diesel	Duramax 7800 Diesel
Displacement	7.8 liter	7.8 liter
Horsepower	250 hp @ 2,200 rpm	185 kW
Torque	800 lb/ft @ 1,450 rpm	360 kg
Fuel tank		
Capacity	50 gallon	190 liter
Vehicle hydraulic system		
Pump	Dual, Eaton, load sensing	Dual, Eaton, load sensing
Power train		
Allison 3500 RDS, automatic transmission	5 speeds	5 speeds
Rear axle	2 speed	2 speed
Machine Dimensions		
Length-overall	283-inch	7,190 mm
Width-outside gutter broom drive (retracted)		
Wheel base	96-inch	2,240 mm
Height-overall	126-inch	3,200 mm
Weight-approx. w/ one gutter broom	22,750 lb	10,319 kg
Approx. w/ two gutter brooms	23,200 lb	10,525 kg
Turning radius	228-inch	5,790 mm
Warranty	Please refer to your local Tennant representative for information.	