

SWEEPRITE

a MERIT MANUFACTURING COMPANY

www.meritsweeprite.com
1-877-511-9400



Available on the Freightliner M2 or Autocar Xpert chassis

Off-The-Shelf Components
Rugged Durable Design
One Button Sweeping

Four Hydraulic Pumps
Simple to Maintain
Easy to Operate



S3
SWEEPRITE
a MERIT MANUFACTURING COMPANY

PM-10 &
California South
Coast AQMD
Rule 1186
Certified

MAXIMUM SWEEPING POWER
AGILITY - VERSATILITY - RELIABILITY



GENERAL SPECIFICATIONS:

Chassis:

Freightliner M2, 106

Sweeping path: 132"

Overall height: 110"

Overall Length 296"

Wheelbase 169"

GVWR: 33,000 lbs.

Also Available:

Autocar Xpert, ACMD 42 Class 7 chassis

ENGINE, AUXILIARY:

Manufacturer: Kubota

Model: V3307-CR-TIE4B

Engine type: inline four-cylinder, turbo diesel

Emission Regulation: Tier 4 Final

Displacement: 3.33 liter

Rated horsepower: 74 hp

MAIN BROOM:

Hydraulic direct drive: variable and reversible

Diameter: 36" (914 mm)

Steel core: 60" (1,524 mm) long

GUTTER BROOMS:

Number of brooms: 2

Design: free-floating hydraulic suspension

Diameter: 50" (1,270 mm) 5 segments

Hydraulic direct drive: reversible

Adjustment: independent left, right, up & down

Controls: pressure & wear

LIGHTING (ELECTRICAL) SYSTEM:

High output LED warning beacons

Back-up lamps with audible alarm

LED Gutter broom and main broom spotlights

DEBRIS HOPPER:

Material volume: 6.0 cu yd volumetric

Maximum dump height: 138" (3,505 mm)

Minimum dump height: 21" (533 mm)

Right side dumping: standard

Dump capacity: 14,000 lbs. (6350 kg)

Single telescopic hydraulic lifting cylinder

WATER SYSTEM:

Water Saver System

Capacity: 400 Gallons

Tank material: polyethylene

Electric pump (2): Diaphragm, 4.0 GPM

Water system material: non-corrosive

Spray Nozzles:

8 under cab

4 over main broom

2 ahead of each gutter broom

Water Saver Drip nozzle over each Gutter Broom

HYDRAULIC SYSTEM:

Tank capacity: 45 Gallons

Pump: Quad Gear Pump

Pump Capacity: Two 8 GPM Pumps,

Two 10 GPM. Pumps (1,800 RPM)

Controls: electric over hydraulic

Hydraulic drive motors: all interchangeable

Hydraulic fluid cooler: air to oil

CONVEYOR:

Squeegee-type system with 9 flights

Width: 56.5" (1,435 mm)

Hydraulic direct drive, three axle system

Variable speed and reversible

Relief valve protected

Conveyor Flush system included

INSTRUMENTATION & CONTROLS:

Multiview Electronic Display: tachometer and hour

meter, engine oil pressure gauge and engine

coolant temperature gauge

Warning lights: elevator stall, low water, hydraulic

temperature, hydraulic low level

Your Local Sweeprite Dealer: