MODEL 600® REGENERATIVE AIR SWEEPER®
FINAL TIER 4 AUXILIARY ENGINE/CABOVER CHASSIS

SWEEPER AUXILIARY ENGINE

- Engine: John Deere 4045 turbo, 4 cyl.
- Displacement: 275 in³ (4.5 L)
- Power: 99 HP @ 2200 RPM (74 kW)
- Net torque: 315 lb-ft @ 1600 RPM (427 Nm)
- Air cleaner: Heavy duty, w/pre-cleaner, scavenge vacuum hose, and in-cab air restriction indicator w/gauge
- Remote oil filter: Spin on, full flow
- Auxiliary engine fuel tank shared with chassis
- Diesel fuel tank capacity: 51 gal (193 L)
- DEF tank: Dedicated
- Auxiliary hydraulic system
- Fuel/water separator and separate fuel filter
- Capacity (useable): 3.8 gal (14.4 L)
- Capacity (volumetric): 5.4 gal (20.6 L)
- Remote oil filter: Spin on, full flow
- Dumping height: 36 in (914 mm)
- Dump door opening: 84 x 44 in

DUST CONTROL SYSTEM

- Water spray nozzles for dust suppression
- Pump: Electric diaphragm
- Reservoirs: Polyethylene
- 330 gal (1249 L) total minimum
- Filter: 80 mesh in-line
- Low water shut-off
- Safety shut-off
- Filter: 3 micron in-line

DUST SEPARATOR

- Purpose: Anti-damage "swing away" relief valve
- Broom: 43 in dia. (1092 mm)
- Anti-damage "swing away" relief valve
- Flexibility: All directions integral
- Down pressure: Automatically
- Non-reversible hydraulic motor
- Drive: Constant speed
- Standard equipment includes floodlights and OBD.

HYDRAULIC SYSTEM

- Operates gutter broom(s), dump and pick-up head
- Drive: Gear driven from auxiliary engine
- Capacity: 8 GPM (30.3 LPM)
- Reservoir: 25 gal (94.6 L) w/80 mesh suction strainer, sight/temperature gauge, cooler
- Filter: 3 micron in-line
- Temperature shutdown system

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GUTTER BROOM, TWIN, Patented

- Standard equipment includes floodlights and parabolic mirrors
- Drive: Constant speed non-reversible hydraulic motor
- Adjustment: Adjustable for down pressure, pattern and wear
- Down pressure: Automatically

BLUELOGIC DISPLAY

- Pedestal mounted touchscreen display provides sweeper and auxiliary engine data to the operator and includes hour meters (trip and total), service reminders, custom reminders, overspeed warning, low water audible alarm, dust control system winterization guide, and OBD.

INTERIOR COMPONENTS

- BlueLogic display, auxiliary fuse panel, illuminated control switches: pick-up head, gutter brooms, auxiliary engine RPM, leaf pressure bleeder, dust control water system nozzles, safety lights.

SAFETY/WARNING DEVICES

- Alternating LED rear flashers (2)
- Back-up alarm
- SAE Class 1/California Title 13 amber beacon light with limb guard - LED

OPTIONAL EQUIPMENT

- AOD water pump w/washdown hose/spray gun
- Abrasion protection package
- Auto Sweep Interrupt (ASI)
- Auxiliary hand hose 8 in dia. (203 mm)
- Auxiliary hand hose hydraulic boom assist
- Auxiliary hand hose catch basin cleaning package
- Auxiliary hydraulic system
- Broom Assist Pick-up Head (BAH®)
- Camera/monitor system
- Extra water capacity: 440 gal (1665 L) total
- Gutter broom tilt adjuster(s) (left, right, or twin)
- Gutter broom variable speed
- Gutter broom drop-down
- Hi/Low pressure washdown system
- High output water system
- Hopper deluge system
- Hopper drain system
- Lateral airflow nozzle
- Liquid recovery system
- Low emissions package (required for South Coast AQMD Rule 1186)
- Magnet, light, standard, or heavy duty
- Pick-up head curtain lifter
- Pick-up head deluge
- Shop air purge, dust control system
- Spark resistant skids
- Stainless steel options:
  - Hopper: Hopper weldment
  - Dump door: Inspection doors
  - Raker plate: High capacity dust separator
  - Hopper screen: Blower housing
  - High capacity dust separator
  - Hopper drain

PAINT COLOR

- Other than TYMCO standard white
- Special options are available for your individual requirements. Contact your local dealer or TYMCO.