SWEEPER AUXILIARY ENGINE
- Displacement: 148.5 in³ (2.4 L)
- Power: 56 hp (41.7 kW) @ 2100 RPM
- Net torque: 140 lb-ft (190 Nm) @ 2100 RPM
- Air cleaner: Heavy duty, w/pre-cleaner
- Oil filter: Spin on, full flow
- Cooling: Liquid Diesel fuel supplied from chassis fuel tank
- Fuel tank capacity: 30 gal (113 L)
- Auxiliary engine protection system
- Fuel/water separator

BLOWER
- Aluminum alloy, high volume, open face turbine
- Purpose: Creates air blast and suction
- Bearings: Anti-friction
- Housing: Steel w/abrasion resistant, replaceable liner
- Drive: Heavy duty power band

DUST SEPARATOR
- Type: Cyclonic, multipass, centrifugal separation
- Cylindrical area: 20 x 22.5 in (508 x 518 mm)
- Location: Adjacent to hopper
- Particulate removal achieved through 22.5 in (572 mm) skimmer slot into skimmer hood
- Inspection/cleanout port w/exterior plug handle

HOPPER
- Capacity (volumetric): 2.4 yd³ (1.83 m³)
- Capacity (useable): 2.1 yd³ (1.61 m³)
- Construction: Welded steel plate
- Dump door opening: 52 x 23 in (1321 x 584 mm)
- Dump door: Hydraulically opened/closed
- Dumping method: Hydraulic with tilt up
- Dumping height: 57 in (1447 mm)
- Dumping clearance height: 141 in (3582 mm)
- Hopper drip edge extension

PICK-UP HEAD
- Type: Dual chamber
- Function: Delivers air blast and suction
- Width (inside dimension): 78 in (1981 mm)
- Head area: 2028 in² (1.31 m²)
- Suspension: 4 springs, 2 drag links
- Skids: DUO-SKID®, long life carbide
- Suction hose diameter: 12 in (305 mm)
- Pressure hose diameter: 12 in (305 mm)
- Pressure bleeder: Integral for leaf/light material pickup
- Reverse pick-up head system

HYDRAULIC SYSTEM
- Operates gutter broom(s), dump door and pick-up head
- Drive: Gear driven from auxiliary engine
- Flow rate: 5 GPM (18.925 LPM)
- Reservoir: 8 gal (30.3 L) w/80 mesh suction strainer, sight/temperature gauge, oil cooler
- Filter: 10 micron in-line
- Hydraulic oil: Extended life

GUTTER BROOM, LEFT, Patented
- Standard equipment includes floodlight and parabolic mirror
- Drive: Constant speed non-reversible hydraulic motor
- Adjustment: Adjustable for down pressure, pattern and wear
- Down pressure: Automatically adjusts to requirement
- Flexibility: All directions, integral anti-damage “swing away” relief valve
- Broom: Poly wafer 36 in (914 mm)

CONTROL SYSTEM
- BlueLogic® Control System
- Multiplexed electrical system includes hardware and TYMCO designed software that integrates the in-cab controls to the auxiliary engine and sweeper functions; as well as provides intelligent safety features and On-Board Diagnostics (OBD) for the auxiliary engine and sweeper through the BlueLogic display.
- BlueLogic Display
- Pedestal mounted touchscreen display provides sweeper and auxiliary engine data to the operator and includes hour meters (trip and total) for the auxiliary engine, gutter broom(s), pick-up head, blower, and water pump (if applicable), sweeper odometer (records curb miles swept and sweeping hours), service reminders, custom reminders, overspeed warning, low water audible alarm (if applicable), and OBD.

INTERIOR COMPONENTS
- Leaf pressure bleeder control, BlueLogic display, illuminated control switches: pick-up head, gutter broom(s), auxiliary engine RPM, dust control water system nozzles (if applicable), dust control system winterization guide, safety lights

EXTERIOR COMPONENTS
- Dump switch, BlueLogic multiplex module

SAFETY/WARNING DEVICES
- Back-up alarm
- Alternating LED rear flashers (2)
- Hopper safety prop

OPTIONAL EQUIPMENT
- Abrasion protection package
- Amber beacon light, LED
- Auto Sweep Interrupt (ASI)
- Auxiliary fuse panel
- Auxiliary hand hose 6 in dia. (152 mm)
- Backpack blower storage box
- Cabover storage box (n/a with COMDEX)
- Camera/monitor system
- Dust control system...........30 gal (113 L)
- COMDEX water up to 102.5 gal (388 L)
- Hi/Low pressure washdown system
- Magnet, front bumper mounted, light duty
- Pick-up head front curtain lifter (diesel only)
- Portering shelf
- Rubber lined blower
- Shop air purge, dust control system
- Sound Reduction Engineering (SRE®)
- Stainless steel options: Hopper:
  - Hopper weldment
  - Hopper door
  - Inspection door
  - Skinner hood
  - Slide-out hopper screen
  - Blower housing
  - Dust separator
  - Hopper drain
  - Hopper inspection door
  - Hopper screen
  - Auxiliary hand hose hardware
  - Paint color (other than TYMCO standard white)

CABOVER CHASSIS AVAILABLE
- Isuzu NPR-HD Diesel