**GENERAL SPECIFICATIONS**

**MODEL 210h® REGENERATIVE® AIR PARKING LOT SWEEPER**

**HYDRAULICS**

hDrive® POWER SYSTEM

- Main pump type: Piston pump
- Reservoir: 17 gal (64 L)
- Main system pressure: 3500 psi (24,132 kPa)
- Main pump drive: Direct drive from transmission PTO, operates blower, dump door, and pick-up head
- Broom pump: Vane type
  - Belt driven from blower shaft
- Filter: 10 micron in-line

*Hydraulic level/temperature shutdown system with thermostatically controlled electric fan*

*Hydraulic oil: Extended life*

**CHASES AVAILABLE**

- **Ford F-450 Diesel**
- **Ford F-350 Diesel**

**SAFETY/WARNING DEVICES**

- **Back-up alarm**
- **Alternating LED rear flashers (2)**
- **BlueLogic® Control System**

**OPTIONAL EQUIPMENT**

- **Abrasion protection package**
- **Amber beacon light**
- **Auxiliary fuse panel**
- **Auxiliary hand hose 6 in dia. (152 mm)**
- **Backpack blower storage box**
- **Camera/monitor system**
- **Dust control system**
- **Dust control water control switches**
- **Hopper drain system**
- **Hopper slide-out screen**
- **Hydraulic tank heater**
- **Light bar, cab mounted, LED**
- **Magnet, front bumper mounted, light duty**
- **Rubber lined blower**
- **Shop air purge, dust control system**
- **Stainless steel options**
  - **Hopper:**
    - Welded steel plate
  - **Amber beacon light**
  - **Auxiliary hand hose 6 in dia. (152 mm)**

**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 height (F-450):** 58 in (1473 mm)
- **Dumping height (F-350):** 55 in (1397 mm)
- **Dumping clearance height:**
  - (F-450): 142 in (3607 mm)
  - (F-350): 139 in (3531 mm)
- **Hopper drip edge extension**

**PICT-UP HEAD**

- **Type:** Dual chamber
- **Function:** Delivers air blast and suction
- **Width (inside dimension):** 78 in (1981 mm)
- **Pick-up 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

**DUST SEPARATOR**

- **Housing:** Steel with abrasion resistant, anti-friction aluminum alloy, high volume, open face turbine

**BLOWER**

- **Filter:** 10 micron in-line
- **Belt driven from blower shaft**
- **Broom pump:** Vane type
- **from transmission PTO, operates blower**
- **Main pump drive:** Direct drive
- **Main system pressure:** 3500 psi (24,132 kPa)
- **Reservoir:** 17 gal (64 L)

**CONTROL SYSTEM**

- **BlueLogic® Control System**
  - **Multiplexed electrical system includes:**
    - Floodlight and parabolic mirror
    - Constant speed, non-reversible hydraulic motor
    - Adjustable for down pressure, pattern and wear
- **Flexibility:** All directions, Integral anti-damage "swing away" relief valve

**HOPPER SAFETY PROP**

**INTUITION® AIR BLOWOFF SYSTEM**

- **Hydraulic level/temperature shutdown system**
- **with thermostat controlled electric fan**
- **Hydraulic oil:** Extended life

**In-cab monitoring system**

**BLUELOGIC® CONTROL SYSTEM**

- **Standard equipment includes:**
  - Floodlight and parabolic mirror
  - Constant speed (low or high), and monitors the PTO and maintains the blower at a constant speed, as well as provides intelligent safety features, assists in troubleshooting through LED input/output diagnostics, and controls the hDrive Power System

**CONTROL SYSTEM**

- **BlueLogic® Control System** provides several safety interlocks which includes stopping the blower when the hopper is raised/hopper door is opened, shutting down the hydraulic system when hydraulic oil temperature is too high or the level is too low and disengaging the PTO when excessive ground speed is met (default is 18 mph). It also provides ASI, which will lift the gutter broom when the transmission is placed in reverse.

**SAFETY/WARNING DEVICES**

- **Back-up alarm**
- **Alternating LED rear flashers (2)**
- **BlueLogic® Control System** provides several safety interlocks which includes stopping the blower when the hopper is raised/hopper door is opened, shutting down the hydraulic system when hydraulic oil temperature is too high or the level is too low and disengaging the PTO when excessive ground speed is met (default is 18 mph). It also provides ASI, which will lift the gutter broom when the transmission is placed in reverse.

**SPECIAL OPTIONS AVAILABLE**

- **Auxiliary hand hose hardware**
- **Hopper inspection door**
- **Dust separator**
- **Camera/monitor system**
- **Hopper drain system**
- **Hopper slide-out screen**
- **Hydraulic tank heater**
- **Light bar, cab mounted, LED**
- **Magnet, front bumper mounted, light duty**
- **Rubber lined blower**
- **Shop air purge, dust control system**
- **Stainless steel options:**
  - **Hopper:**
    - Welded steel plate
  - **Amber beacon light**
  - **Auxiliary hand hose 6 in dia. (152 mm)**

**Chassis AVAILABLE**

- **Ford F-450 Diesel**
- **Ford F-350 Diesel**

**CONTACT YOUR LOCAL DEALER OR TYMCO.**