



B-12 PUT THE NOISE BEHIND YOU



Rear-Reel Operation



180° Articulating Hose Reel



Available Split-Monitor System



1-Piece Boom Hose Design

- Rear-reel operation
- 12 yd³ debris tank with full opening door
- 1,150 gallons of fresh water
- 18" or 27" Hg and 3,760 to 5,197 CFM PD blower
- Up to 80 GPM and up to 3,000 PSI water pump
- 360° coverage boom rotation
- 23' boom reach
- Water system weatherization options
- Standard wireless controls with E-stop

B-12 CAPACITIES AND CAPABILITIES



DEBRIS TANK

- 12 yd³ debris tank
- Cylindrical design, A-36 steel
- Directional splash shield including side shielding attached to tank
- 6" manual gate valve on tailgate with male cam-lock coupler
- Hydraulically-operated rear door with 4 hydraulic locks
- Dual action hydraulic hoist cylinder for power up and down
- Tank tilts up to 48° during dump
- Limited Lifetime debris tank warranty
- Optional hydraulic sludge pump and tank vibrator
- Standard debris tank and tank door safety prop rods

BLOWER

- Roots Model 624, up to 18" Hg & 3,670 CFM, Roots Model 824, up to 18" Hg and 5,197 CFM, Hibon TS-56, 18" Hg and 5,000 CFM, or Hibon 840, 27" Hg and 3,760 CFM
- Blower driven by mechanically efficient toothed belt drive
- Level 5 ultra quiet outlet silencer with up & away design
- Hi-Vac standard final blower inlet filter, removable and cleanable
- 6" air-operated vacuum relief valve

BOOM

- Top-loading configuration
- 360° hydraulic rotation, 8" hose 23' reach
- 1-piece hose design
- Inlet box cleanout & inspection port
- Optional boom isolation valve

WATER TANKS

- 3/8" thick polyethylene UV stabilized, with limited lifetime warranty
- 1,150 gallon fresh-water capacity
- 2" water fill line with anti-siphon device and a 2 1/2" coupling
- Water level shown on main and wireless remote controls
- Electronic audible/visual low-water level alarms
- Fill hose storage basket

WATER SYSTEM

- Triplex run-dry water pump, 50 GPM and 3,000 PSI, or 80 GPM and 2,000 – 2,500 PSI
- Pump is belt driven from OMSI transfer case
- Pressure & flow managed by continuously adjustable unloader
- Water pump controls located on both control panel & wireless remote
- Air blowout for winterization

HOSE REEL SYSTEM

- Attached to rear tank door
- Hydraulically articulated 180° street to curb rotation
- Rotation directed via electric/hydraulic controls
- 400' to 800' of 1" hose available
- Auto level wind with counter & digital footage counter available

CYCLONE SEPARATOR

- Cyclone separator with collection chamber, hopper with port for clean-out

CONTROL PANELS

- Redundant curbside and rear reel-adjacent controls
- Controls located within NEMA 4 weatherproof enclosures
- Standard E-Stop in both locations
- 3-axis boom control joystick at rear reel
- Tach, vac gauge, water level readout, throttle, water & vac activation, vac break, flapper valve, tank & tailgate movement, boom travel, opt. sludge pump & vibrator, and work lights
- 12 Volt outlet

WIRELESS REMOTE CONTROL

- Multifunction remote with backlit LCD displays controls boom, water pump, vacuum system, and throttle
- Standard E-Stop
- In-cab charge station

LIGHTING

- LED DOT lighting with 2-light rear module assembly, clearance lamps, reflectors, and 3-light center marker
- Control panel lights

STORAGE OPTIONS

- Front or sliding back of cab tube racks
- Left & right-side toolboxes and tool trays
- Wand/lance storage rack

OPTIONS & ACCESSORIES

- Lateral cleaning package, with hydraulic reel
- Hydro excavation package, with 2,000 PSI pump, cold weather recirc, 75' hose on spring retract reel, high pressure gun with 48" lance and nozzle
- Back up camera system
- Dual-camera split monitor reversing system
- Optional LED arrow board top rear tank
- Optional package with dual rear strobes, front strobe, side, enclosure, rear and boom work lights
- Optional handheld LED spotlight
- Cold weather recirculation system
- Digital & analog hose counters
- Manual & automatic hose level winders
- Standard 8" intake & extension tubes
- Optional 8" & 6" intake, fluidizer, extension & crown tubes, flat or band lock
- Various lance lengths and nozzle configurations
- 25' and 50' hydrant fill hoses
- Custom unit paint
- Custom side billboard panel graphics

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