

SYSTEM 5000 Benefits

AIR-VACUUM EXCAVATION EFFICIENCY

- Eliminates need to continually transport and dispose of mud spoils and replenish water supplies
- Spoils stay dry for fast, efficient backfilling
- Reduced job costs mean increased revenues and profits

AIR-VACUUM EXCAVATION SAFETY

- Unlike water—a non-compressible fluid that can cut or otherwise damage utilities—air is compressible, won't damage utilities and is non-conductive
- Water is conductive, making it especially dangerous around buried electrical utilities—air-vacuum excavation makes injuries and damage claims much less likely and results in increased revenues and profits.
- Air won't damage the roadbase and won't spread contamination plumes

POWERFUL 173 H.P. ENGINE AND 300 CFM/220 PSI AIR COMPRESSOR

- Potholes faster in difficult soils, performing more work in less time
- Opens up larger areas and trenches
- Reduces job costs, increases revenues and profits

POWERFUL POSITIVE DISPLACEMENT BLOWER — MAX 1,700 CFM/16" HG

- Top-notch vacuum performance for potholing and trenching spoils as well as directional boring slurry
- 4" vacuum hose for fast, efficient vacuuming in all soil conditions
- Faster vacuuming means reduced job costs and increased revenues and profits

HYDRAULICALLY POWERED, FULL-OPENING REAR DOOR

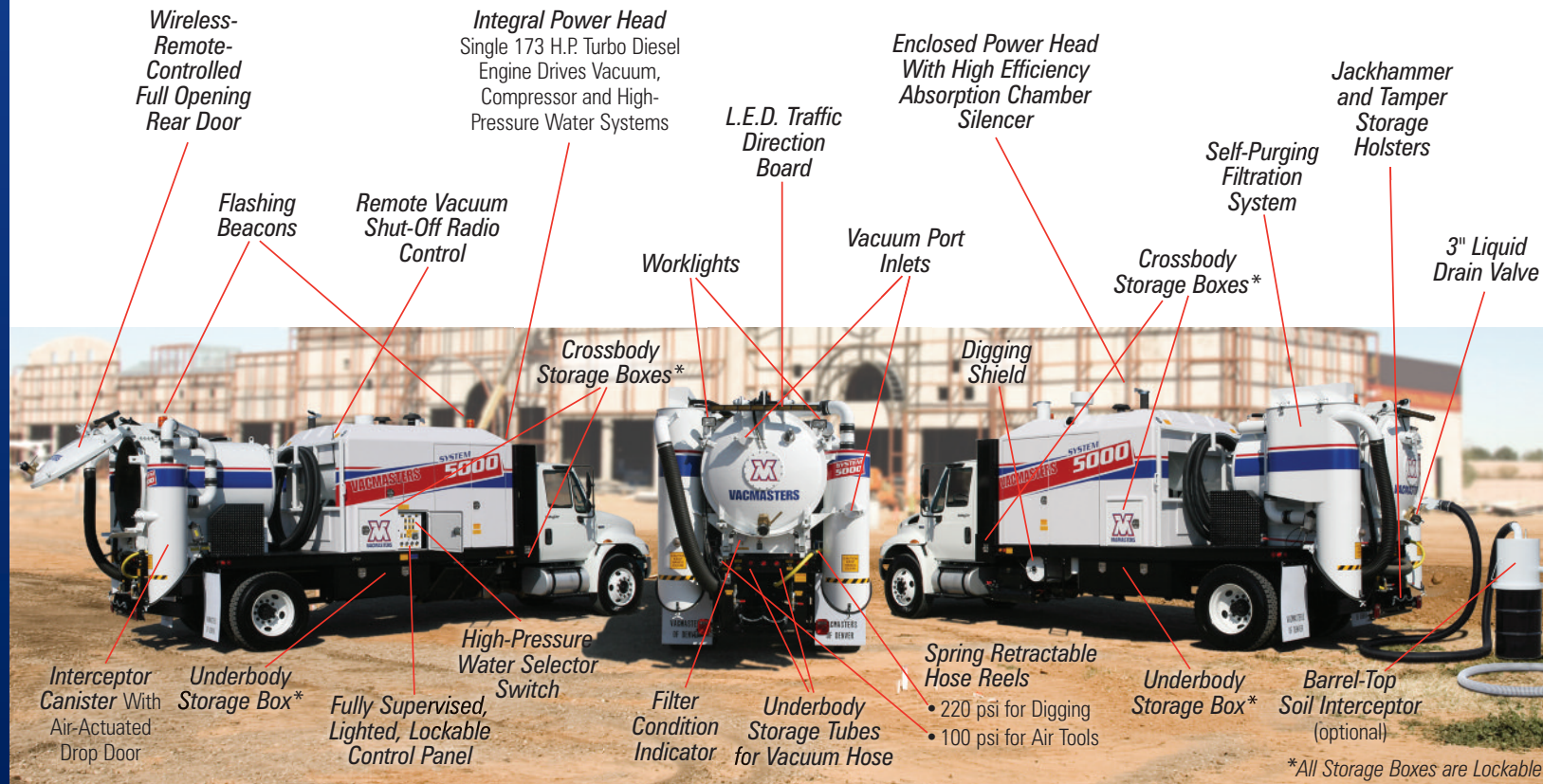
- Saves time, reduces job costs, increases profits

SINGLE-ENGINE DESIGN

- Powerful John Deere turbo diesel engine drives all systems; vacuum, air and water
- One engine to maintain reduces maintenance costs and increases profitability

(benefits continued on opposite side)

SYSTEM 5000 Features



*All Storage Boxes are Lockable

SYSTEM 5000 Specifications

POWER SOURCE

Engine Type: 6-Cylinder Turbo Diesel
 Model: John Deere Tier 4 Final
 Power Rating: 173 H.P.
 Fuel System: Interconnected to truck system
 Power Transfer: Direct belt drive

OPERATIONAL DATA

Vacuum: 1,700 CFM Max.
 16" Hg Max. Vacuum (4" hose)
 Compressor: 300 CFM @ 220 PSI (Air Lance)
 300 CFM @ 100 PSI (Air Tools)
 High-Pressure Water: 0–3,000 PSI @ 4 GPM
 Low-Pressure Water: 0–1,000 PSI for clean-up

TANK CAPACITIES

550-Gallon spoils tank with hydraulic hoist and full-opening rear door
 85-gallon water tank

OPERATOR CONTROL PANEL INSTRUMENTATION

Fully Supervised, Automatic Shut-Down:

- Engine RPM, temperature, oil pressure
- Compressor air pressure, temperature

DIMENSIONS and WEIGHTS

Length: 29' 9"
 Width: 8' 0"
 Height: 11' 2"
 GVW: 33,000
 Empty Weight (lbs.) 26,320*

*Standard Configuration

HOSES

25' of 4" Smooth-Bore Plastic Vacuum Hose
 33' of 4" Smooth-Bore Rubber Vacuum Hose
 50' of 1" High-Pressure Air Hose
 50' of 3/4" Air Hose for air tools
 50' of 3/8" High-Pressure Water Hose

STANDARD EQUIPMENT

- (2) Retractable Air Compressor Hose Reels (high and low pressure)
- Fiberglass Air Lance w/Air-Tec™ Nozzle
- Underbody Storage Tube for Vacuum Hose
- (2) Underbody Storage Boxes (18"H x 60"L x 18"W)
- L.E.D. Traffic Direction Board
- Digging Shield
- Jackhammer and Tamper Holsters
- High-Pressure Water Wand
- Low-Pressure Water Wash-Down Wand
- Winterizing Kit for water system
- (2) Flashing Beacons
- (1) Crossbody Storage Box (22" H x 96" L x 22" W)
- (1) Crossbody Storage Box (12" H x 96" L x 12" W)
- Worklights with Rear 12V DC Outlet and Spotlight

OPTIONAL EQUIPMENT

- Sandblast System
- Barrel-top Soil Interceptor
- Towing Hitches
- Extra Water capacity
- Hot water system
- 4.2 KW AC Generator