

BACKHUS A55 WINDROW TURNER



Innovation. Efficiency. Reliability. BACKHUS has continually set the global standard for windrow turners. Take your operation to the next level with one of the best selling turners in all of North America, the BACKHUS A55. Capable of turning up to 5,200 yd³ per hour and handling a windrow up to 18' wide and 8' tall, the A55 is a powerful, intelligent windrow turner that you can make a cornerstone of your entire operation.

FEATURES:

- Comfortable panoramic cabin with 360° view
- No moving parts between frame and undercarriage
- Road legal, no permits required
- CAN Bus controls with 12" touchscreen display and complete diagnostic system

As the world's largest manufacturer of windrow turners, BACKHUS knows all of the ins and outs of building the best machines. The high efficiency operation of the A55 requires less horsepower and results in hourly fuel savings. Undercarriage options give you the optimal performance on any type of pad surface. Controlling the machine is simple and intuitive. A world leader in both engineering and performance, the A55 is just another reason why when it comes to turners, BACKHUS is best!

OPTIMIZE YOUR PAD: BACKHUS turners are designed to allow "toe-to-toe" windrow placement, getting up to 60% more material on the pad than with traditional turners and much less turn around space needed at the end of the row.

ARMORED DRUM TOOLS: The A55's drum tools are coated with an abrasion resistant material for maximum tool life.

A MECHANIC'S FAVORITE: Side-opening hoods allow for unprecedented access to the interior of the machine while the self-contained work platform ensures the safety of those performing service or maintenance.

ERGONOMIC SINGLE JOYSTICK CONTROL: Other turners require both hands to operate and require constant height adjustments. The A55 is conveniently driven by a single joystick.



WITH THE EARTH IN MIND

BACKHUS A55

CHASSIS: Box construction type, portal frame

DRIVE: Diesel Engine

TYPE: VOLVO TAD 873 VE

POWER: 320 hp

TORQUE: 1,424 ft. lbs at 1,400 RPM

FUEL TANK: 132 gallons

ELECTRICAL SYSTEM: (2) 12 Volt Batteries, each 180 Ah. Generator: (3) Phase, 24 volt, 110 amp

DRUM:

- Diameter: 47"
- Speed: 0-230 RPM
- Hydraulically liftable up to 14"
- Reversible

WINDROWS:

- Width up to: 18'
- Height up to: 8'
- Turning Capacity: up to 5,200 yd³/hour

TOTAL WEIGHT: 39,000 lbs. (approximately)

WORKING DIMENSIONS:

- Width: 20'-4"
- Height: 15'-7" (Fixed Cabin Model)
- Depth: 16'

TRANSPORT DIMENSIONS:

- Width: 27'-11"
- Height: 10' (Fixed Cabin Model)
- Depth: 8'-4"

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BACKHUS A55 WINDROW TURNER

BACKHUS DRUM: Maximum homogenization and oxygenation with the large diameter, high-torque, slow-speed drum that gets to the bottom of the windrow, every time. Featuring:

- Start, stop, reverse under full load
- Adjustable 0-230 RPM depending on material density, remarkably reducing wear and tear to the machine
- Raises and lowers independently of the turner frame
- Easy 1 - 2 hour replacement on drum tools using simple hand tools
- Placement is at the rear of the turner, creating an optimal throwing angle. The additional space above the drum gives maximum throw, ensuring oxygenated, fluffy windrows.

HYDRAULIC TAILGATE: BACKHUS are the only turners that come standard with a hydraulic tailgate. This operator controlled feature controls the material throwing and can allow the shaping of windrows, or help with mixing.

TRACK CLEARERS / PLOWS: Operating independently of frame and drum position, the clearers are very easily controlled to give you the ability for “toe-to-toe” windrow placement with their one-touch “float” feature that maintains constant contact with the pad.

VOLVO TAD 873 VE DIESEL ENGINE:

- 320 hp
- 8.3 liter cubic capacity
- Certified EPA Tier 4 Final
- Consumes less 1/3 - 1/2 less fuel than competing machines. SCR assures no regeneration required.

HYDRAULIC SYSTEM:

- Reflux Suction Filtration, High Pressure Filtration



Engine / Hydraulic Coolers:

- Air suction from behind the cabin
- Fresh, clean air flows from inside to outside
- Minimal dust contamination
- Automatic reversing fans on all coolers
- Programmable



CONTROL PANEL & TECHNOLOGY

- 12" touchscreen display with 1,024 x 768 resolution
- Real time monitoring of all equipment function
- Interactive troubleshooting and all manuals and drawings.
- 13 function keys
- Navigation key
- Full monitoring of CAN Bus system
- Alarms presented in text format
- LED background illumination
- Stereo radio with AM / FM, CD player
- Bluetooth cell phone connection
- Cabin Ventilation / Filtration with 2 pocket-type filters guarantee separation efficiency of 96%
- Climate control including air conditioning and electric heater
- Rotating safety beacon for safety
- Flood lamps for maximum vi



BACKHUS ADVANTAGES



WITH THE EARTH IN MIND



INDUSTRY'S LARGEST CABIN PANORAMIC, CENTRALLY MOUNTED

- 360° field of view with no blind spots
- Pressurized filtered air
- Climate controlled
- Extremely comfortable air ride seat
- Jump seat for ease of training
- Ergonomic single joystick operation

HYDRAULICALLY ELEVATING CABIN(OPTIONAL):

Allows the cabin to be raised / lowered by the operator, even during operation. The turner is fully operational with the cabin at any height.

UNDERCARRIAGE: Pad choices of triple bar grouser pads (standard) or flat steel (welded), rubber track pads or wheels.

BACKHUS TRACK CONTROL (BTC)

Electronic drive control which controls the turner's speed depending on the load of the drum and the engine. During BTC operation, the joystick is used to steer only.

OPTIONS:

- Hydraulically elevating cabin
- Protective ventilation
- Heated, electric mirrors
- Wheeled undercarriage
- Landfill undercarriage
- Windrow Irrigation
- Hose Reel
- Cameras
- Heated operator seat
- Wash / Wipe: left/right
- Wash / Wipe: rear window
- Concentration Injection Unit
- Fleece winder
- Side conveyor
- BACKHUS Management System





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