

BACKHUS A30 WINDROW TURNER



Innovation. Efficiency. Reliability. BACKHUS has continually set the global standard for windrow turners. When a pull-behind attachment or loader bucket are no longer getting the job done for your compost operation, your next step does not have to be to purchase a big, expensive turner. The BACKHUS A30 is priced like an entry level turner but performs like a premium machine. The savings in time and hassle alone will have you wondering how you possibly got by without it!

FEATURES:

- Compact design with low weight
- Economical diesel technology
- Fully hydraulic, low-maintenance drive
- Height adjustable, reversible drum

As the world's largest manufacturer of windrow turners, BACKHUS knows all of the ins-and-outs of building the best machines. This robust turner comes complete with many of the features of the much larger BACKHUS machines but on a compact chassis. Small and light enough to be pulled by a car trailer, but powerful enough to turn over 900 cubic yards per hour, the A30 is just another reason why 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 tow-behind turners and much less turn around space needed at the end of the row.

A MECHANIC'S FAVORITE: This small machine has wide access to the internal components making maintenance simple and easy.

FIXED DRUM TOOLS: Other turners use "flail" drum tools that beat up and chop the material. BACKHUS tools powerfully throw the material, getting maximum homogenization and oxygenation...for the best compost!

DRIVE AND CONTROL: Sit on the ergonomic seat-rest, grab the drive-control lever and turn! No self-propelled windrow turner in the world is so simple to operate.



WITH THE EARTH IN MIND

BACKHUS A30

DRIVE: Diesel Engine

TYPE: Yanmar

POWER: 54 hp

EMISSIONS: Certified EPA Tier 4 Final

FUEL TANK: 13 gallons

ELECTRICAL SYSTEM: 12 Volt Battery, 88 Ah.

Generator: (3) Phase, 24 volt, 40 amp

DRUM:

- Diameter: 29"
- Speed: 0-400 RPM
- Hydraulically liftable up to 4"
- Reversible
- 62 fixed drum tools

WINDROWS:

- Width up to: 10'
- Height up to: 4'
- Turning Capacity: up to 900 yd³/hour

TOTAL WEIGHT: 4,100 lbs. (Approximately)

WORKING DIMENSIONS:

- Length: 8'-6"
- Width: 11'-5"
- Height: 6'-3"

TRANSPORT DIMENSIONS:

- Length: 13'-8"
- Width: 55"
- Height: 6'-3"

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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 0-400 RPM depending on material density, remarkably reducing wear and tear to the machine
- Raises and lowers independently of the turner frame
- Easy 30 minute 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 track clearers move the material from the tracks toward the center of the machine. This allows for windrows to be placed “toe-to-toe” getting the most efficient utilization of the pad.

YANMAR 4TNV88 DIESEL ENGINE:

- 54 hp
- Certified EPA Tier 4 Final
- Electrical start-stop function
- 4-stroke diesel, watercooled

HYDRAULIC SYSTEM:

- Reflux Suction Filtration, High Pressure Filtration



INTUITIVE CONTROL SYSTEM

- LED System Monitoring Display with simple indicator lights and operating hours
- Drive and control lever
- Engine speed lever
- Drum on / off
- Drum speed
- Drum raise / lower
- Drum reverse
- Track clearer raise / lower
- Tailgate raise / lower
- Engine coolant temperature indicator
- Engine oil pressure indicator
- Battery charging indicator
- Machine readiness indicator
- Engine working speed indicator
- Hydraulic fluid temperature indicator
- Audible warning horn



BACKHUS ADVANTAGES



WITH THE EARTH IN MIND



OPERATOR'S PLATFORM SAFE AND PRECISE MACHINE CONTROL

- Intuitive lever controls for most machine functions
- Ergonomic seat-rest for operator
- Operator platform is raised for safety and comfort

UNDERCARRIAGE:

- Compact track drives with rubber tracks
- Independent hydraulic drives in closed circuit, infinitely adjustable

FRAME:

- Portal frame
- Corrosion-resistant 2-color coating

OPTIONS:

- Armored drum tools
- Irrigation Connection
- Concentration Injection Unit
- Cutter knives on drum





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