

ATX850

COMPACT ARTICULATED LOADER



TELESCOPIC BOOM. The telescopic boom on the ATX850 extends 29.1 in (73.9 cm) for loading materials to a dump height of 117.3 in (297.9 cm) in hinge pin height. The telescopic boom can also aid in dumping material over the back side of a retaining wall or grabbing material over an obstruction.



COMPACT SIZE. With narrow tires, the ATX850 is 42.1-in (106.9-cm) wide, while the wider tires make the machine 50.4-in (128-cm) wide. Both configurations allow the ATX850 to fit through a standard four-foot gate for backyard access on landscape jobs. The overall length of the ATX850 is 120.3 in (305.6 cm).



LIFT-TO-WEIGHT RATIO. The ATX850 has a rated operating capacity (straight) of 2,542 lb (1,153 kg)* while having a standard weight of 4,254 lb (1,930kg) with rear weights and without attachments. This lift-capacity-to-weight ratio allows contractors to utilize a lighter machine while still being able to carry heavy materials on the jobsite.

*Operating capacities show the rear counterweights installed and rated for a bucket application at 50% of the tipping load per ISO 14397.



MULTIFUNCTION JOYSTICK. The multifunction joystick utilizes electric-over-hydraulic toggles for ease of access to machine functions like the telescopic boom, auxiliary hydraulic controls and the Dynamic Blocking System (DBS). The operator does not have to remove their hand from the loader arm controls in order to function any of these features.



FOUR WHEEL DRIVE HYDROSTATIC DIRECT DRIVE MOTORS. As each wheel has a hydrostatic direct drive motor, hydraulic oil can flow freely to each wheel as needed during transport to help reduce ground disturbance on turf when making turns. The four wheel drive hydrostatic direct drive motors also allow for the use of the DBS and torque divider to increase tractive effort in difficult conditions.



MULTI-TOOL ATTACHMENT PLATE. The ATX850 can be fitted with various authorized attachments to meet the jobsite need, may that be for snow removal, landscaping and tree care work or various other applications.

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GENERAL DIMENSIONS

Length (with rear weights): 120.3 in (305.6 cm)

Width (varies with tire size): 50.4 in (128 cm)

Height (with cab): 80.3 in (204 cm)

Weight (with rear weights and no attachments): 4,254 lb (1,929.6 kg)

Ground pressure: 204 lb/sq ft (92.5 kg/m²)

Ground clearance: 9.5 in (24.1 cm)

Angle of departure with rear weights: 19° angle

ENGINE

Make/Model: Kohler KDI1903 Tier 4 Final

Fuel type: Diesel

Fuel tank capacity: 9 gal (34 L)

Gross horsepower: 57 hp (42.5 kW)

Cooling system: Liquid

Transmission: Hydrostatic

PERFORMANCE

Rated operating capacity (straight)*: 2,542 lb (1,153 kg)

Rated operating capacity (articulated)*: 1,907 lb (865 kg)

Tipping capacity (straight): 3,177 lb (1,441 kg)

Tipping capacity (articulated): 2,383 lb (1,081 kg)

Pushing force: 2,050 kp (2,050 kgf)

Max travel speed (low-high): 8.7 mph - 17.4 mph (14 km/h - 28 km/h)

Turning radius (inside/outside): 32.5 - 82.3 in (82.5 cm - 209 cm)

Standard tires: 26x12.00-12 ET-50

Pivot Point Height (extended boom): 117.3 in (297.9 cm)

Outreach with horizontal boom (extended boom): 46.6 in (118.4 cm)

*Operating capacities shown have the boom low to the ground, boom not extended and the rear counterweights installed. The rating shown is for a bucket application at 50% the tipping load per ISO 14397.

HYDRAULIC SYSTEM

Aux. hydraulics oil flow: 20 gpm (3.8 L/min)

Two pumps with HI-Flow System

Hydraulic oil tank capacity: 11.1 gal (42 L)

STANDARD FEATURES

Back weights

Dynamic Block System (DBS)

Ergonomic seat with adjustable position

4WD hydrostatic direct drive motors

Hydraulic multi-connector

Multi-function joystick

Self-leveling double-H telescopic boom

Two front-working lights

OPTIONS

Additional auxiliary hydraulics (front)

Additional auxiliary hydraulics (rear)

Air conditioning for cab

Automatic hydraulic locking attachment plate

Beacon light

Engine block heater

Floating boom valve

Fully enclosed cab

Heating system in cab

LED work lights

Plexiglass back window

Plexiglass left and right side windows

Plexiglass windscreen

Rear protection bar

Rear 12V electrical power

Tire and tread options

Torque divider

VERMEER STANDARD LIMITED WARRANTY

2 yr/1,000 hr standard warranty

3 yr/1,000 hr warranty on all hydraulic pumps and wheel drive motors

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