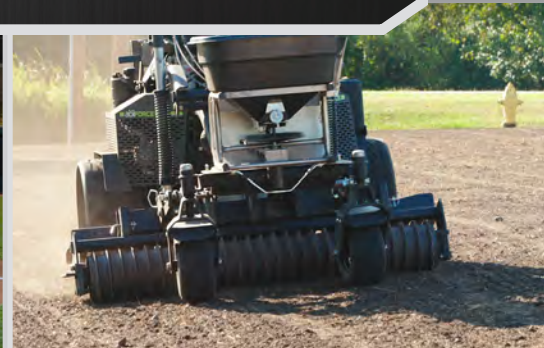
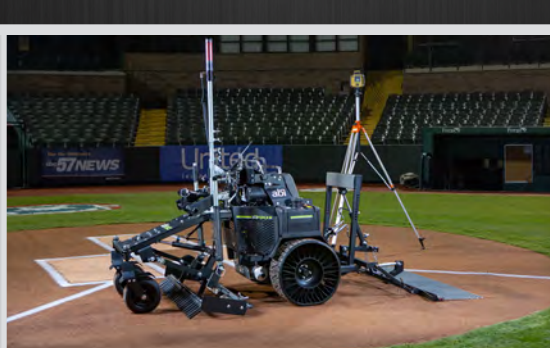


INTRODUCING THE ZTV WORK MACHINE



abiFORCE®

POWERFUL AGILITY, PRECISE VERSATILITY



INNOVATION NOT IMITATION | HOLDS 8 U.S. PATENTS

FINGERTIP COMMAND

The ABI Force design and capabilities are centered around Fingertip Hydraulic Controls. The operator can engage and adjust the underbelly mid and rear hydraulically controlled attachments with precision and ease.

SPEED-LOCK

Speed-lock prevents less experienced users from operating the ABI Force faster than a facility or job site manager establishes. This feature provides improved safety, more consistent results, and ease of use for all operators.

DEPTH-LOCK

Depth-lock prevents mid-mount attachments from engaging the soil any deeper than a facility or job site manager intends. This feature ensures consistency of ground-engagement and repeatable results from day-to-day or operator-to-operator. It also helps to ensure project specs are maintained and damage to underground irrigation, utility lines, or other substrate materials are minimized.

RESPONSIVE VARIABLE FORCE TECHNOLOGY

The heart of the ABI Force's innovation is its patented Responsive Variable Force Technology. ABI's RVF Technology enables small footprint zero-turn machines to do the work of much larger and heavier machines, with a fraction of the otherwise required tractive effort. Located at the mid underbelly of the ABI Force, the patented RVF Technology hydraulically controls mid-mounted ground-engaging attachments with lift, variable down pressure, and pitch adjustments.

▷ WATCH VIDEO & FIND DEALER: www.THEABIFORCE.com

OPTIONAL EQUIPMENT SHOWN

abiFORCE®

STAND-ON ZERO-TURN PLATFORM

We stand up when we witness greatness, and we stand when we do our best work. In designing the ABI Force, we confirmed standing empowers our users to get their best work done, like never before. Not only does standing reduce strain on the lower back, but it also enables the best visibility over our work and the ability to “lean-in,” just like we do when we work with our hands. The zero-turn engineering enables powerful agility and maneuverability, making the ABI Force an extension of the human body, bringing a new level of precision control to our work and ensuring higher levels of results are possible.

100% COMMERCIAL-GRADE

Designed top-to-bottom for commercial use and reliability, the ABI Force features a drivetrain with a powerful and fuel-efficient 23 HP (747cc) Kohler Command PRO EFI engine with 2-stage cyclonic canister air filter and an independent-component hydrostatic drive system. The ABI Force is built strong with a tubular frame and a 36-month limited commercial warranty.

24” REAR AIR TIRES OR TWEELS

The ABI Force comes standard with 24” commercial-grade rear air tires. The 24” Michelin Tweels are additionally available and provide significantly more traction, never-flat capability, and operator comfort.

QUICK-SWAP ATTACHMENTS SYSTEM

The ABI Force offers many optional attachments for adapting to a wide range of operational requirements. Attachments are available in front-mount, mid-mount, and rear-mount varieties. Mid-mount attachments feature hydraulic lift, variable hydraulic down pressure, and hydraulic pitch controls. Rear-mount attachments feature hydraulic lift control, and when engaged with the ground, fully articulate to precisely follow in the path of the machine. Operators can mix and match with countless combinations of attachments and adjustments custom to operational needs.

abiFORCE

Z-29SL

LASER RECEIVER

LASER TRANSMITTER

LASER CONTROL PANEL

SIGHT GAUGE

TOOTH BAR

MINI-BOX

TWEEL® HI-TRACTION TIRES

OPTIONAL EQUIPMENT SHOWN

MANUFACTURED
IN THE USA!





THE WORLD'S MOST ACCURATE AGILE LASER GRADING MACHINE!

The ABI Force z23sl, with available laser electronic equipment, is the world's first and only stand-on zero-turn laser grading machine, with accuracy plus/minus an eighth of an inch (.125 inch, 3.175mm)! This fully automated laser grading system delivers unprecedented affordability and finish-grading accuracy to the sports turf and flatwork industries. The ABI Force has a dramatically smaller and lighter footprint than other laser grading machines, enabling laser finish-grading in tight areas and on materials where over compaction of the soil is unacceptable. Unlike mini motor graders, skid loaders, compact track loaders, and tractors, the ABI Force leaves no tracks or ruts, even at near zero-turn, further enhancing laser grading efficiency and accuracy. Use larger equipment for earthmoving and material hauling, use the ABI Force for the most precise laser finish-grading in the industry.

FEATURES & OPTIONS

INTERNAL HYDRAULIC SYSTEM

The z23sl model arrives standard with the required factory-installed proportional valve and upgraded hydraulic systems, which connects to the separately purchased laser electronics. An important note: Model z23s is not upgradable to the hydraulics system of the z23sl; however, the z23sl can be run manually without the need to purchase the laser electronics system until a later date.

MACHINE-SIDE LASER ELECTRONICS

The available machine-side laser electronics package transforms the z23sl into an automated laser grading machine. This package includes a laser receiver, receiver pole, control panel, control panel mount, and wiring harness. This system is perfectly matched and preprogrammed for plug-and-play operation. With the model z23sl and the machine-side laser electronics package, the ABI Force is now ready to be paired with almost any flat, single, or dual-slope laser transmitter.

TRANSMITTERS, TRIPODS, & ACCESSORIES

ABI offers a range of available transmitters, tripods, grade rods, and other laser accessories to suit requirements.

RIGID DRAG MAT

ARTICULATING HYDRAULIC REAR LIFT

▷ WATCH VIDEO & FIND DEALER: www.THEABIFORCE.com

CURRENT RESIDENT OR:

**TO FIND YOUR NEAREST DEALER,
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MADE IN THE USA
ABI IS PROUD TO MANUFACTURE IN THE USA!

