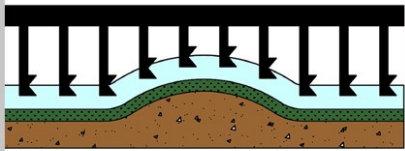


Alpina creates and leads the trend, the others just follow.

When Alpina releases a new machine, you can bet it's something innovative and never imagined before. The new F-250 and D-250 systems are designed for professional users, and currently no snow-cats, nor snowmobile implements can boast the same features.

Look at details and compare performances. Don't be surprised to see, in the next years, a radical change in snow-grooming technologies. Just don't forget that this change has already started yesterday with Alpina.

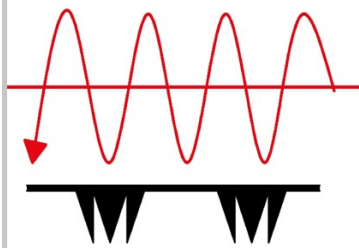
ALPINA FLEXI-BLADE SYSTEM



GROOMER WITH ALPINA FLEXI-BLADE SYSTEM

The innovative Alpina Flexi-Blade System is more effective than the conventional rigid blades installed on tillers and groomers. On the F-250 / D-250 each blade is spring mounted, and can adapt to the trail surface without getting in contact with the layers underneath the snow. When the blades meet a convex spot on the trail surface, especially in low snow conditions, the blades will bend without ripping the grass below. Furthermore, the vibration effect created by the motion on the blades will produce a soft snow powder for a perfect trail finishing.

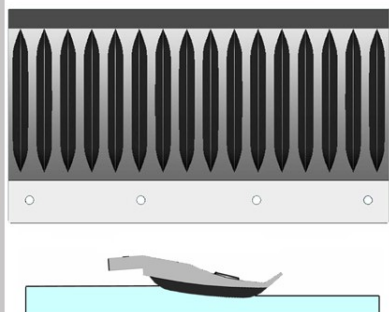
VIBRA-CUT SYSTEM



TRACK-MAKER WITH VIBRA-CUT SYSTEM

The exclusive Alpina Vibra-Cut system converts high-frequency vibrations generated by an electric device into cutting power conveyed to the hardened-steel blades in front of the track-maker. The result is a precise track on the snow and an excellent compacting effect thanks to the vibrator pulses. In addition, the track-maker arm is mounted on two gas springs to provide a continuous pressure on the snow. The position of the track-maker can be adjusted from left to right with a practical sliding plate.

HI-PERFORMANCE URETHANE FINISHER



SUPER GLIDE FINISHER

The new F-250 / D-250 sets a perfect skating lane with a smooth corduroy finishing on a 250 cm / 98" width. Foldable flaps with ballast can reduce the overall width when driving through narrow spots. The compaction stage of the groomer has a progressive angle, which collect and convey the fresh snow to the finishers stage. The new finishers are made of a compound with a very low coefficient of friction, and are moulded with a higher number of ribs. The result is a finer texture, a more durable trail and a better control of the skis.

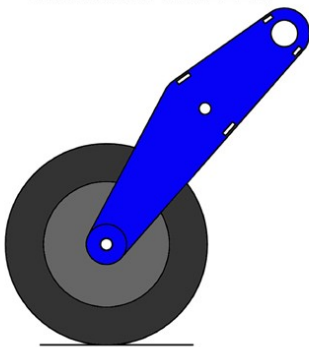
HI-TECH ACTUATORS



HI-TECH ACTUATORS

The F-250 / D-250 functions are operated through 12V electric actuators, without needing a hydraulic system. These actuators have a high precision full gears reductor with final worm screw. The whole construction is waterproof encased, and the top-end or bottom-end positions are controlled by electronics. From the control system keyboard you can adjust their position with the precision of few millimetres. The track-setter actuators have a new automatic function, and they can reach the top-end or bottom-end position with just one momentary push on the button.

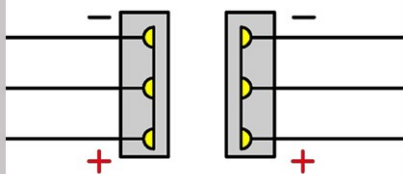
PARKING WHEELS



PARKING WHEELS

The F-250 / D-250 comes standard with a 2-wheel system to move the groomer on a hard floor, in a garage or a parking, as well as through eventual road crossings. With a removable lever, the practical rubber wheels can be lifted, lowered or completely removed with a simple rotation.

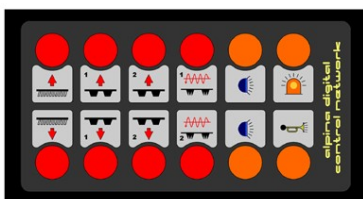
ALL-IN-3 WIRING



ALL-IN-3 WIRING SYSTEM

In an analogic electric system, every electric device would need dedicated wires running from the control panel to the device. That would result in bulky harnesses with 10 or more large gauge wires. Instead, the F-250 is wired with the Alpina ADCN System, which uses the serial-bus technology. With just 3 wires (plus, minus and digital signal) it operates 5 electric devices on the F-250 (actuators and vibrators) and 4 electric devices (work-lights) on the roll-over bar. Simple and tidy.

ALPINA DIGITAL CONTROL NETWORK



ALPINA DIGITAL CONTROL NETWORK

The Alpina ADCN System uses a wiring made of just 3-wires to activate and control multiple devices, which otherwise would require 10 or more wires. All the functions are easily under control with "one click" on the led-illuminated keyboard installed on the Superclass hand-bar. The driver can control almost all the F-250 functions while driving the Superclass, with a great saving of time and effortless.