

NEW BISON
NEW BISON X

EXPERT FOR
PARK. PIPE. SLOPE.

NEW BISON - NEW BISON X
Expert for Park, Pipe & Slope

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When it hits the slopes, the NEW BISON is guaranteed to impress thanks to its exceptional torque, excellent maneuverability, unrestricted vision, and outstanding comfort. The NEW BISON X, the ultimate park vehicle, provides innovative park building features that will shape any park with ease and absolute perfection.

PERFECT PEAK PERFORMANCE

The most powerful vehicle in its class, the NEW BISON boasts a 298 kW/406 HP motor, yet also offers low fuel consumption and a 90% reduction in nitrogen oxide and particulate emissions in line with the "Stage IV/Tier 4 final" exhaust emission standard.

ULTIMATE CABIN AND OPERATING COMFORT

The cabin serves as a comfortable workstation, offering superb visibility and storage space providing for all of the operator's needs. The standardized PRINOTH instrumentation with a multi-functional joystick and digital 8.4 inch color display makes working the night shift a real pleasure, and thanks to innovative sound insulation and a noise-optimized engine, all that can be heard is the sound of crunching snow.

NO. 1 IN PARK BUILDING

The innovative park blade, with new teeth gives kickers a perfect finish, while side cutters ensure that obstacles are shaped with absolute precision giving crisp, clean edges. An electrically adjustable swivel seat (15°) that can be moved sideways up to 20 inches allows the driver to assume various seating positions and obtain an unobstructed view toward the rear.

RAZOR-SHARP RESULTS

The new POWER tiller ensures deep, fine-grained tilling results and offers an exceptional trailing configuration thanks to a newly developed rear mounting frame with enhanced kinematics. Additional tiller teeth ensure that it cuts across the entire width, while extra torque and power guarantee unprecedented slope quality and lasting results which are clear to see.

CLEAN MOTION

TECHNICAL DATA - NEW BISON & NEW BISON X

DIMENSIONS AND WEIGHT

Overall vehicle length	5,835 mm
Overall vehicle length with attachments	8,848 mm
Overall height without winch	3,008 mm
Working width	4,216 mm
Shipping dimension (length/ width/ height)	5,835 mm/2,440 mm/2,990 mm
Blade with sidewings open (Standard)	5,360 mm
Blade with sidewings open (Park)	5,674 mm
Blade with sidewings closed (Standard)	4,510 mm
Blade with sidewings closed (Park)	4.625 mm
Tiller without hydraulic sidewings	5,100 mm
Tiller with hydraulic sidewings	6,504 mm
Vehicle weight with attachments alutracks, blade, tiller	9,894 kg

PERFORMANCE

Max. speed	21 km/h
Turning radius	on the spot
Payload	1,000 kg

ENGINE

Model	Caterpillar C9.3
Power output (ECE)	298 kW /406 PS @ 1.700 rpm
Max. torque	1,726 Nm @ 1.400 rpm
Displacement	9.3 l
Layout	In line 6 cylinder, direct injection, Common Rail
Exhaust emission standard	Stage IV/Tier 4 final
Emission regulation type	SCR + DPF
Fuel tank capacity	266 l
DEF tank capacity (AdBlue)	27 l

DRIVE

Drive pump	145 cm³
Traction drive	107 cm³

ELECTRICAL SYSTEM

Operating voltage	24 VDC
Starter	24 VDC
Generator	28 VDC/250 A
Battery	2x 12 VDC/135 Ah
Starting capacity	1,000 A (EN)

CABIN

Operator seat (Standard)	Central drive with air suspension and height adjustment
Passenger seat (Standard)	1 full passenger seat storage box
Operator seat (Park)	Sliding swivel seat with air suspension and height adjustment
Passenger seat (Park)	Instructor seat
Interior	8,4 inch color display Steering levers PRINOTH Joystick Tinted roof Heated windows electrically adjustable heated mirrors Hydraulically tiltable cabin CD Player, MP3 Player, USB (MP3 and WMA) Bluetooth Mobile hands-free speakerphone AUX -input at the front, DAB, DAB+,DMB, RDS, Speakerphone with external microphone

LIGHTING

4 halogen working lights at the front
2 high/low beam lights
2 direction and positioning lights
2 turning lights
4 halogen working lights at the back
2 LED-lights on the mirror rails on each side
Park: complete serial LED lights

INCLUDED FUNCTIONS

Hydraulic track tensioning
Adjustable downpressure
Cruise Control
On-board diagnostic
Multiple operator profiles
Rear alarm
ECS (Electronic Climate System)
Engine heater
Loading platform

PARK FUNCTIONS

Inclinometer
Tape measurement tool
DAB Radio, Bluetooth
Improved kinematics for Park application
Side cutters for the Park blade

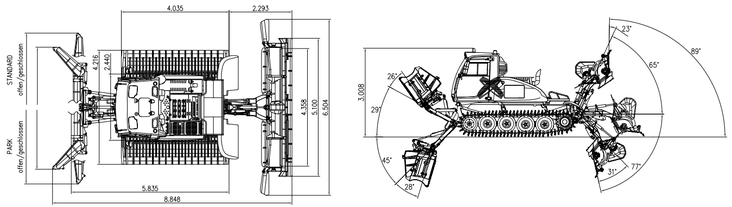
OPTIONS

Full LED lights
Air conditioning
Steel tracks
Additional alarm horn
RESOURCE MANAGEMENT
SNOW DEPTH MEASUREMENT
Front hydraulic
Brushguard
Central locking

ADDITIONAL EQUIPMENT

NORDIC LINER with tracktiller
Trail grooming kit

Subject to modifications in the course of technological advancement.



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