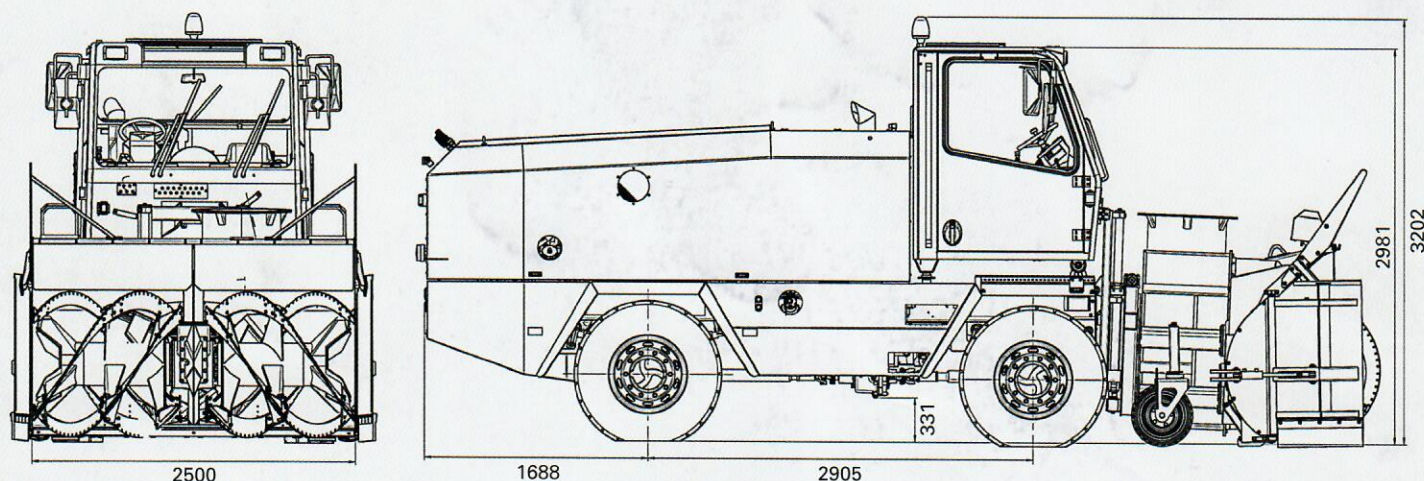




## Specifications

# ROLBA 3000

## Self-propelled Snow Blower



### Dimensions

Overall length	7 392 mm
Width	2 500 mm
Height (incl. rotating beacon)	3 200 mm
Wheelbase	2 900 mm
Track	1 780 mm
Outside turning radius, over wheels	5.96 m

Fuel tank, net volume  
Electrical system  
Battery

620 l  
24 V  
180 Ah

### Drive system

Infinitely variable hydrostatic drive for the vehicle, automatically controlled by an electronic load-sensing system. 2-speed vehicle drive. Mechanical blower drive, 2-speed gearbox.

### Weight

GVW approx. 11 500 kg

### Engine

Engine Cummins QSX15  
Euromot Stage IV, Tier 4(f) incl. particle filter  
581 HP (433 kW)  
2644 Nm @ 1400 min-1

### Hydraulic system

Hydrostatic drive: see above. Hydraulic system for controlling movement of the blower head. Also see steering and brakes below.

### Driving speed

Working speed	0.3 to 40 km/h
Travel speed	50 km/h

### Axles and steering

4-wheel drive: permanent front axle drive, rear axle as required. Differential lock on both axles. Selective hydrostatic steering: 4-wheel, front-wheel, rear-wheel or crab-steering.

### Brakes

Hydraulic dual circuit braking system with wet disc brakes front and rear. Continuous braking through hydrostatic drive. Parking brake on front axle.

### Chassis

Welded rectangular steel tubing frame. Leaf spring suspension front and rear. 4 wheels with wide winter tyres 385/65 R 22.5.



### Powerful blower head

The optimal proportions between the cutter and impeller housing give all ROLBA snow



## ATTACHMENT I



### Combination

The chute support offers a choice of direct tangential casting over long distances on either side or spot casting through the loading chute.

### Cab and engine compartment

Comfortable, hydraulically suspended, sound-proofed cab. Corrosion protection. Two lockable doors with sliding windows. Safety glass throughout. Electrically heated windscreen, side and rear windows and skylight. Large heated rear view mirrors. Heater with multi-speed fan. Sun visors. Two-arm parallel windscreen wipers with wash system. Fully adjustable suspension seat for operator comfort. Adjustable steering wheel. Clearly and ergonomically arranged controls and instrumentation. Temperature and fluid level gauges with audible alarms. Detachable, rotating beacon on cab roof. Tool kit. Engine cover can be hydraulically raised or lowered. Colour: orange (RAL 2011) or yellow (RAL 1004). Base colour: silver/grey.



### Castor wheels

For high-speed snow removal operations, especially at airports, castors and plastic scraper blades are often used to protect surfaces.

### ZAUGG-Rolba snow blower system

2-stage Rolba auger/impeller system controlled and operated by joystick.

Blower head:	
Clearing capacity	up to 5300 t/h
Clearing width	from 2500 to 3200 mm
Clearing height in one pass	1500 mm
Casting distance, infinitely variable (dep. on chute)	up to 50 m

Height adjustment:	
Vertical movement	-50 to +450 mm
Down pressure and front tilt	-160 mm

Side tilt	9° each side
Front tilt	5°
Chute rotation	left 45°/right 80°

Impeller with replaceable blades. Overload-protection: shear bolt protected auger and impeller.

Replaceable cutting blades in 2 sections.

Replaceable scraper blade in 3 sections.

Mechanically adjustable skid shoes.

Auger cover.

### Options

- Various ejection chutes: chute combination for direct discharge, chute extension
- For blower head: automatic overload safety device instead of shear bolts
- Castor wheels for blower head (single or twin system)
- Side tilt lock
- Front tilt lock
- Side plates for a 3.2 m clearing width (only for blower head 2.5 m)
- Plastic scraper blades
- External electrical 110/220 V fluids preheating
- Stationary fluids preheating system by diesel fuel
- Snow chains; spare wheel
- Automatic central lubrication system
- Variable cab elevation +700 mm
- Fixed cab elevation +300 mm
- Hydraulic weight compensation for blower head
- Blower head width 2.6 m
- Blower head width 2.8 m
- Special anti-corrosive protection
- Battery charger 110/220 V
- Stationary cabin heater system by diesel fuel
- Miscellaneous working lights on the machine and on the blower head
- Rear view camera with 7"-monitor
- Cabin air conditioning
- Miscellaneous options on request

Subject to technical changes without notice.

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**ZAUGG AG EGGIWIL**  
Municipal Technology

Holzmann | CH-3537 Eggwil | Tel. +41 34 491 81 11 | Fax +41 34 491 81 71  
Spare parts and service | Tel. +41 34 491 81 81 | Fax +41 34 491 81 85

