It's time to change!

local regulations force winter operations for a different approach

SNOWCUBER



It's time to change!

Experience the most revolutionary snow machine.

Reduction in environmental footprint due to significant reduction in emissions







Process vs Power An efficient approach for

clearing safer.

- **Compressing** the amount of snow up to a factor of two. This will strongly decrease the amount of dump trucks on the road.
- **Maintaining** volume by controlled loading, of all kinds of snow without clogging

1.22. 34

Accurate and controlled snow disposal



......



Snow compressing airholes



Unique and patented technique



snowharvestprofessionals

Features



- 🗱 Easy to maintain
- # Easy to operate
- Standard parts
- # All stage independently hydraulically adjustable



Hydraulic Power Unit (HPU)

- Powerful and stable hydraulic flow
- # Hydraulic cooling unit
- Controlled by rear PTO



Easy to empty the compressor when you reverse the direction of rotation of the auger.



Easily access to the impeller for maintenance.



Multifunctional joystick



Hydraulic drive 180 degrees rotatable chute



Logically build-up control panel









Amsterdam Airport Schiphol Fleet management "SNOCOM's snow compression technology is a real innovation. As a development partner and launching customer, Amsterdam Airport Schiphol supports the further development of the Snowcuber in several areas."

Wet snow removal

Accurate and controlled snow disposal



The SNOWCUBER is capable of easily clearing all sorts of snow. The impeller effortlessly launches wet snow into the compression module.



The SNOWCUBER is able to accurately load snow into the dump truck. Maximizing load capacity and decreasing the amount of dump trucks.



Technical specifications

External requirements:

For the drive and connection of the Snowcuber a tractor is required with the following specifications:

TRACTOR

| Min. front linkage lifting force | 25 kN (cat 2) |
|----------------------------------|----------------------------|
| Min. rear linkage lifting force | 20 kN (cat 2) |
| Min. Power tractor | 105 kW (143 hp) |
| Min. Power Take Off (PTO) | 90 kW (122 hp) |
| PTO-driveshaft connection | 1-3/8" Z6 Spline shaft |
| PTO shaft speed | 1.000 n/min |
| Electric supply | 12 VDC |
| Controls | ISOBUS conform ISO 11783-2 |



HYDRAULIC POWER UNIT (HPU)

| HIDRAULIC POWER UNIT (HPU) | | Have been and the state of the second | |
|--|------------------------|---------------------------------------|--|
| Max. working pressure | 260 bar | Stephen St | A State of State |
| Max. output flow | 187 l/min | | |
| Dimensions | | CREAT DAY OR 1 | |
| Overall length | 1.200 mm | | Contraction of the second seco |
| Overall width | 1.480 mm | | <u> </u> |
| Overall height incl. pedestal | 1.775 mm | | TILNISS |
| Mass excl. fluids | 875 kg | | |
| Mass incl. fluids | 1.200 kg | | |
| Capacity | VS/17 | F | |
| Hydraulic oil tank capacity | 500 L | | |
| Hydraulic oil tank max. filling volume | 350 L | | |
| Hydraulic oil/air cooler max. capacity | 35 kW (air temp. 0 °C) | The second second | A CONTRACTOR OF THE OWNER |
| | | | |





Technical specifications

| HYDRAULIC POWER UNIT (HPU) | | | |
|----------------------------|-----------------------------------|--|--|
| Electric connections | | | |
| Controls | ISOBUS conform ISO 11783-2 | | |
| Emergency stop | 12V Harting 4P Serie Han-A | | |
| Lighting | 7P connector conform DIN ISO 1724 | | |

| SNOWCUBER | |
|--|----------|
| Length | 2.550 mm |
| Max. width in operating position (snow outlet, slide fully extended) | 4.480 mm |
| Max. width in transport position | 2.470 mm |
| Max. height | 3.790 mm |
| Max. working width | 1.870 mm |
| Diameter impellor | 900 mm |
| Mass no options | 1.815 kg |
| Mass full options (snow outlet slide 180° rotatable and 500 mm extended) | 1.990 kg |
| | |

lectric connections

Controls

ISOBUS conform ISO 11783-2

OPERATING AND ENVIRONMENTAL CONDITIONS

| Ambient temperature | -20 to +5 °C | |
|--|--------------|---------------|
| Max. snow height | 600 mm | |
| Max. slope of working area in all directions | 15° | 19K |
| Max. speed during snow removal operation | 5 km/h | 1 |
| Max. speed during movements | 25 km/h | in the second |





SNOCOM's Snowcuber is the answer to snow-related issues in inner cities, ports, airports and logistics centers.

Great advantage compared to existing methods!

Snowcuber SNOCOM

Now is the time for changes

Below are the advantages of the Snowcuber compared to existing methods:

The Snowcuber is compact and can therefore easily be deployed in inner cities, ports, airports and logistics centers.

The Snowcuber turns the snow into a compact mass, allowing 20% to 50% more snow to be disposed of with less transportation, which is better for the environment. Significant reduction in fuel and emmissions!

The snow leaves the Snowcuber through a tube, which allows the snow to fall quietly and without splashing into the truck, thus guaranteeing the safety of people and traffic.

Because the snow is deposited into the truck with less force, the load of snow slides more easily out of the truck when unloading.

Compressing the snow means that the volume at the unloading site is reduced.

The snowcuber can work in / with all kind of snow - no more jamming machines caused by wet snow.

Significant reduction of operational expenditures with proven return of investments.

The snowcuber is ready for low-emission mobility.



Engineering & Production



Evert van de Beekstraat 1 1118 CL Schiphol Netherlands +31 (0)6 20 24 78 56 www.snocom.com mensonides@snocom.com