



**SNOCOM**<sup>®</sup>  
snowharvestprofessionals

# Compact Snowcuber

Snocom developed the **Compact Snowcuber** to significantly reduce the volume of snow prior to loading, by compressing and expelling air from all types of snow. The machine enables precise and controlled loading into dump trucks, substantially reducing the number of truck movements required. Fewer truck operations translate into lower operational costs and a significant reduction in CO<sub>2</sub> emissions. Built with high-quality materials and featuring a unique, patented technology, this compact version offers a reliable, safe and efficient solution for snow removal.

## Benefits



Compressing the snow



CO<sub>2</sub> reduction



Works for all types  
of snow



Maximum operation  
comfort



Safe and accurate snow  
disposal



Developed with  
professional users

# Specifications Compact Snowcuber

<b>External requirements:</b>	
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
Capacity	80-200 t/h
<b>HPU:</b>	
HPU: Max. working pressure	260 bar
HPU: Max. output flow	187 l/min
<b>HPU dimensions:</b>	
HPU: Overall length	1.200 mm
HPU: Overall width	1.480 mm
HPU: Overall height incl. pedestal	1.775 mm
HPU: Mass excl. fluids	875 kg
HPU: Mass incl. fluids	1.200 kg
HPU: Hydraulic oil tank capacity	500 L
HPU: Hydraulic oil tank max. filling volume	350 L
HPU: Hydraulic oil/air cooler cooling max. capacity	35 kW (air temp. 0 °C)
<b>HPU hydraulic connections:</b>	
HPU: Hydraulic connection Pressure (P)	Quick connector 9402-20-1 1/4" Male
HPU: Hydraulic connection Tank (T)	Quick connector 9401-20-1 1/4" Female
HPU: Hydraulic connection Load Sense (LS)	Quick connector 9401-06-3/8" Female
HPU: Hydraulic connection Drain (D)	Quick connector F Firg 12 BSP1/2" (9415-08) Female
HPU: Hydraulic tank oil filling point	Quick connector 1/2" FASTER NV12 Male
<b>HPU electric connections</b>	
HPU: Controls	ISOBUS conform ISO 11783-2
HPU: Emergency stop	12V Harting 4P Serie Han-A
HPU: Lighting	7P connector conform DIN ISO 1724
<b>Compact Snowcuber:</b>	
CSC: Length	2.550 mm
CSC: Max. width in operating position (snow outlet slide fully extended)	4.480 mm
CSC: Max. width in transport position	2.470 mm
CSC: Max. height	3.790 mm
CSC: Max. working width	1.870 mm
CSC: Diameter impellor	900 mm
CSC: Mass no options	1.815 kg
CSC: Mass full options (snow outlet slide 180° rotatable and 500 mm extended)	1.990 kg
<b>Compact Snowcuber hydraulic connections:</b>	
CSC: Hydraulic connection Pressure (P)	Quick connector 9402-20-1 1/4" Male
CSC: Hydraulic connection Tank (T)	Quick connector 9401-20-1 1/4" Female
CSC: Hydraulic connection Load Sense (LS)	Quick connector 9402-06-3/8" Male
CSC: Hydraulic connection Drain (D)	Quick connector M Firg 12 BSP1/2" (9416-08) Male
<b>Compact Snowcuber electric connections:</b>	
CSC: Controls	ISOBUS conform ISO 11783-2
<b>Operating and environmental conditions:</b>	
Recommended hydraulic fluid quality	HVLP ISO-VG46 according to DIN 51502, DIN 51524-3 and ISO 6743-4
Hydraulic fluid temperature range	+ 20 to 55 °C for continuous operation
Hydraulic fluid temperature max.	+ 70 °C
Recommended oil cleanliness level	19/16/13 or better according to ISO 4406
Viscosity (continuous operation)	20 to 100 mm2/s (cSt)
Viscosity (maximum intermittent)	500 mm2/s (cSt)
Ambient temperature	-20 to +5 °C
Relative humidity degree	< 95%
Max. snow height	600 mm
Max. slope of working area in all directions	15°
Max. speed during snow removal operation	5 km/h
Max. speed during movements	25 km/h

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