Storing

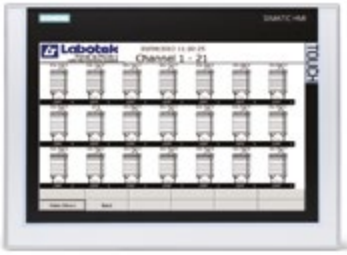
Silo Systems, Material Containers,
Big Bag Stations and more...

Labotek

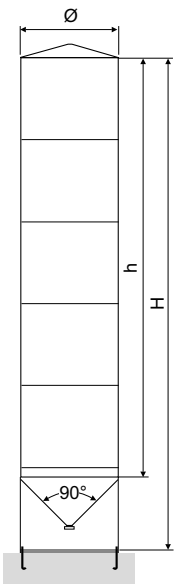
Outdoor Storing

Labotek Silo systems

Labotek silos systems are tailor made to suit the customer application. Outdoor silos are available in aluminium or stainless steel execution. The extensive delivery programme enables Labotek to support most customer requirements. All silo data may be monitored through our standard control options.



Example of integration of silos into Labotek Labo-Net control system, (please refer to separate literature for further details).



Silos dimensions

Ø = 2400 mm	m³	h	H
SL-037-2400-XX-90-AL	37	8200	10000
SL-050-2400-XX-90-AL	50	10700	12500
SL-055-2400-XX-90-AL	55	11950	13750
SL-061-2400-XX-90-AL	61	13200	15000
SL-072-2400-XX-90-AL	72	15700	17500

Ø = 3000 mm	m³	h	H
SL-040-3000-XX-90-AL	40	5300	7500
SL-049-3000-XX-90-AL	49	6550	8750
SL-058-3000-XX-90-AL	58	7800	10000
SL-067-3000-XX-90-AL	67	8850	11250
SL-076-3000-XX-90-AL	76	10300	12500
SL-085-3000-XX-90-AL	85	11550	13750
SL-093-3000-XX-90-AL	93	12800	15000
SL-102-3000-XX-90-AL	102	14050	16250
SL-111-3000-XX-90-AL	111	15100	17500
SL-120-3000-XX-90-AL	120	16550	18750
SL-129-3000-XX-90-AL	129	17600	20000

Ø = 3500 mm	m³	h	H
SL-054-3500-XX-90-AL	54	5100	7500
SL-066-3500-XX-90-AL	66	6350	8750
SL-078-3500-XX-90-AL	78	7600	10000
SL-090-3500-XX-90-AL	90	8850	11250
SL-102-3500-XX-90-AL	102	10100	12500
SL-114-3500-XX-90-AL	114	11350	13750
SL-126-3500-XX-90-AL	126	12600	15000
SL-138-3500-XX-90-AL	138	13850	16250
SL-150-3500-XX-90-AL	150	15100	17500
SL-162-3500-XX-90-AL	162	16350	18750
SL-174-3500-XX-90-AL	174	17600	20000
SL-186-3500-XX-90-AL	186	18850	21250
SL-198-3500-XX-90-AL	198	20100	22500
SL-210-3500-XX-90-AL	210	21350	23750
SL-222-3500-XX-90-AL	222	22600	25000

Ø = 4200 mm	m³	h	H
SL-110-4200-XX-90-AL	110	7300	10000
SL-128-4200-XX-90-AL	128	8550	11250
SL-145-4200-XX-90-AL	145	9800	12500
SL-162-4200-XX-90-AL	162	11050	13750
SL-180-4200-XX-90-AL	180	12300	15000
SL-197-4200-XX-90-AL	197	13550	16250
SL-214-4200-XX-90-AL	214	14800	17500
SL-232-4200-XX-90-AL	232	16050	18750
SL-249-4200-XX-90-AL	249	17300	20000
SL-266-4200-XX-90-AL	266	18550	21250
SL-283-4200-XX-90-AL	283	19800	22500
SL-301-4200-XX-90-AL	301	21050	23750
SL-318-4200-XX-90-AL	318	22300	25000

Indoor Storing

Labotek indoor silos

Labotek square indoor silos are modular and made from premium galvanized steel sheets. The construction is bolted together is therefore shipped flat packed, saving freight volume. Furthermore the indoor silos may be extended if future storing capacity demand is rising. The silos are supplied with Labotek standard catch box and cut out in lid for Labotek vacuum receiver. The silos may also be supplied with filter bag and 4” stainless steel fill pipe for pressure conveying from bulk truck or Labotek pressurized silo fill system.

Silos may also be supplied with level sensors or load cell system, connected into centralized control system.

Labotek has a storing solution for any requirement, please consult our staff for further details.

Type	Dimensions	Height [m]	Contents [t]*	Cone angle [cm]
100	105 x 105	1.27 - 5.04	0.09 - 2.2	45° / 60°
125	130 x 130	1.39 - 6.04	0.1 - 4.5	45° / 60°
150	155 x 155	1.57 - 5.34	0.3 - 5.3	45° / 60°
200	205 x 205	1.80 - 10.88	0.7 - 26.6	45° / 60°
250	255 x 255	2.05 - 12.02	1.5 - 45.6	45° / 60°
300	300 x 300	2.05 - 13.03	2.6 - 59.6	45° / 60°

**) Based on a density of 650 kg/m³*

Pressure Conveying

Pressure conveying station is the flexible way of discharging 25 kg or big bags into either outdoor or indoor silos.

Big bag & octabin emptying stations

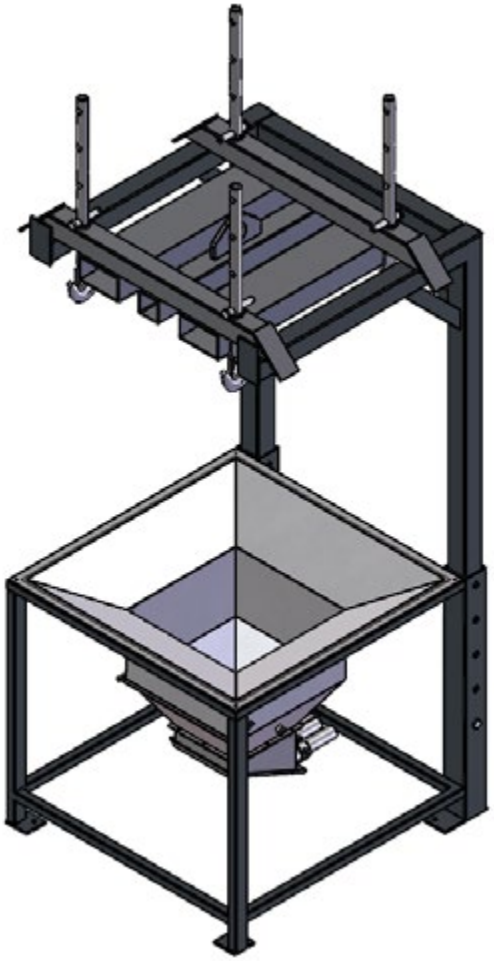
Labotek bulk bag emptying stations are made as a flexible design to adapt several sizes of big bags. The upper frame is adjustable, the material chute is made from stainless steel AISI 304 and available with 1-4 outlets. The inspection door ensures safe and simple handling of the big bag during opening of a new big bag.

Labotek octabin stands are designed for standard pallet size octabins, the discharge station is adjustable in height to accept to the desired length of inner liner. Material contact points are made from stainless steel AISI 304 and may be supplied with manual or pneumatically operated slide valve and catchbox.

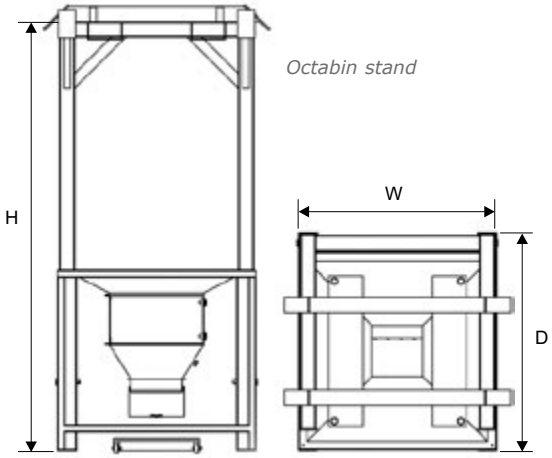
Max load = 1200 kg
Max big bag size = W: 1100 H: 1855 D: 1100

LT no.	Type	W	H	D
208500	Big-Bag 1-4 outlets Ø 50	1150	2500-3500*	1260
208502	Octabin stand	1250	1325	1370
755667	Octabin stand with compact cleanroom	1250	1600	1370

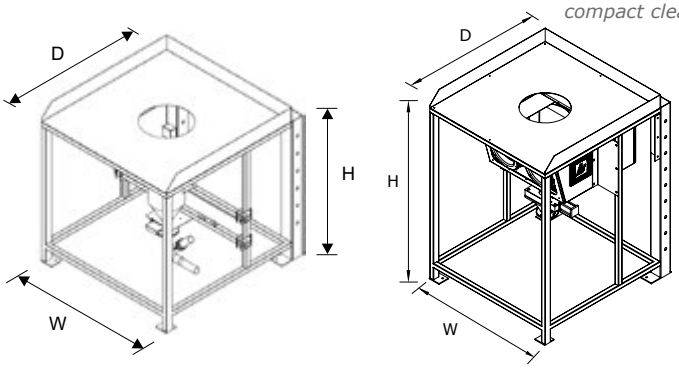
*) Adjustable



The discharge station is adjustable in height



Octabin stand



Octabin stand with compact cleanroom

Example standard octabin stand

Material containers

Rectangular containers

6 standard sizes, in the range from 150 to 2400 litres. Made entirely from Stainless Steel Aisi 304.

Flexible

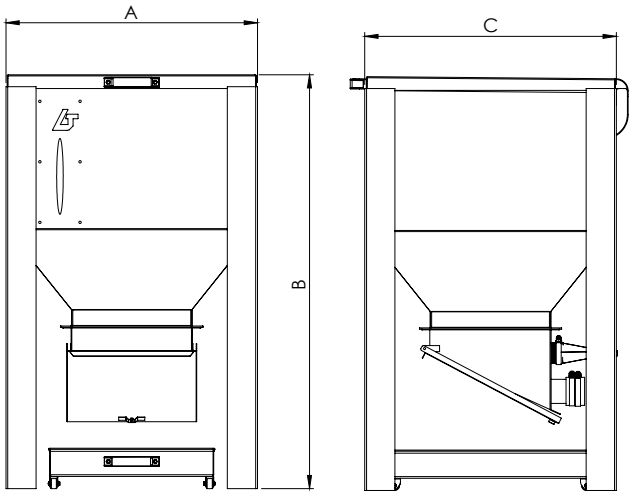
- Can be moved with fork lift
- Available with wheels - option

Standard supply

- Catch box with 1-4 suction outlets for problem-free conveying (dia. for suction pipe Ø50)
- Oblong inspection glass for level indication
- Lid for bottom emptying of the catch box
- Bottom drain tray - to accomplish 0 waste
- Option for automatic filling of material

Type	150	300	600	900	1400	2400
A: Width	626	856	1100	1246	1560	2454
B: Height	1030	1035	996	1285	1285	1785
C: Depth	626	856	1100	1313	1204	1204
LT no.	210924	210925	210930	210926	210927	210928

All dimensions in mm



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3 years warranty
excluding wear parts

ISO9001 · ISO14001 Certified by DNV

The specifications in this document are subject to change without notice.

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