



Plastic Systems can provide its expertise, know-how, service, technical advice, engineering and software knowledge for designing storage systems and pneumatic conveying systems of plastic material and additives in granule/powder form.

We can manufacture two types of silos: with long or short support skirts.

The cylindrical aluminium monolithic silos can be installed outside factories and are positioned on properly-sized reinforced-concrete platforms.

All of our silos are manufactured according to norms DIN 4149.

The structural stability is based on loads and stresses so as to comply with standards DIN1055 part 5.

All silos are welded with the so-called vertical-axis technique which ensures the straightness of the cylinder.

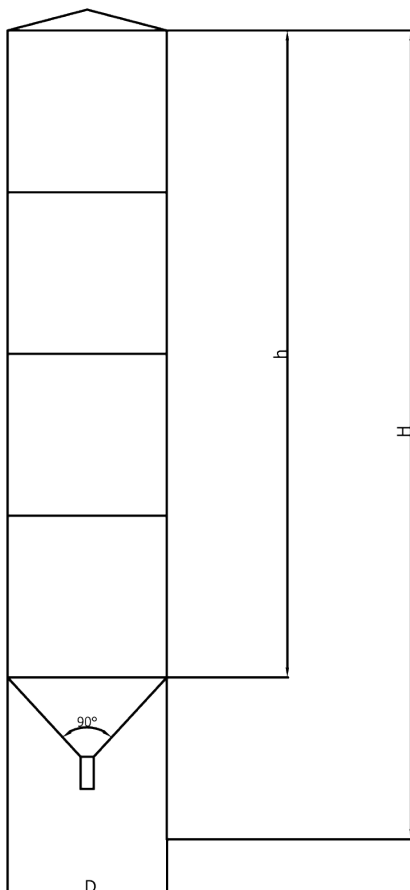
The size of the silo depends on the daily consumption but we recommend choosing a 30%-extra volume.

## TECHNICAL CHARACTERISTICS:

- Silos with capacities from 50 to 250m<sup>3</sup>.
- Silo management via Plastic Systems Supervisor.
- Material level is controlled with radar sensors or load cells.
- The silos are made of AlMg3 5754 aluminium, accessories are made of AlMgSi0,5 alloy 6060, bolts and nuts are made of AISI, and fixing elements are made of stainless steel.

## ACCESSORIES:

- Reduction of storage spaces.
- Reduction of the costs of raw material and material handling.
- Reduction of waste of plastic material.



Load cell for weighing silos



Interface for controlling silos

## Technical data

VOLUME (m <sup>3</sup> )	D(mm)	H(mm)	h(mm)
50	2450	12500	10500
80	2950	13750	11500
100	2950	16250	14000
125	3200	17500	15000
150	3500	17500	15000
175	3500	20000	17600
210	4000	18750	15950
225	4000	20000	17300
250	4250	20000	17130