

# Concrete silo

*Durable & maintenance free!*

The Appel concrete manure silo can no longer be ignored in modern livestock farming.

Concrete is the most durable form for manure storage, virtually no maintenance and insensitive to any damage.

The Appel concrete silo is a Dutch manufacture and is fully KIWA certified. The prefabricated elements guarantee you a silo that is produced under the most ideal factory conditions.

PAS is exclusive dealer of the Appel Betonsilo

## /// PAS MANURE STORAGE SYSTEMS

PAS manure storage systems is specialized in designing, building, inspecting all types of manure storage systems and covering. You can rely on more than 35 years of experience.

In addition to new construction, you can also contact PAS for **repairs**, **cleaning** and **inspections**. PAS builds and repairs throughout Europe with its own qualified personnel!

From application to inspection: a unique combination under one roof.



**KIWA KOMO  
Certified:**

**on the complete  
system**



## /// APPEL Concrete silo: dimensions and possibilities

The Apple Concrete Silo is available in volumes from 400 to approximately 5,000 m<sup>3</sup> and in heights of 4, 5 or 6 meters. The diameters vary from ø11.80m to ø35.90m.

The silo is standard equipped with a 6" filling / removal station and a PVC KIWA pressure pipe of ø315 mm.

The silo can be fitted with an 8" take-off station, any return lines to the pit, a filling line with shut-off valve over the wall and electric or PTO driven mixers.

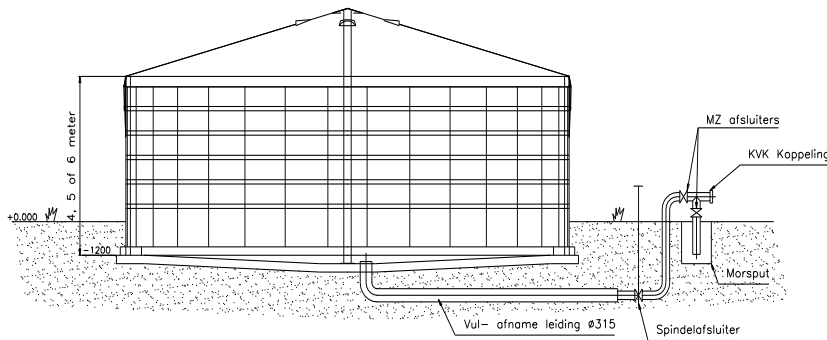
In short, a well-considered choice requires expert advice. Ask about the many possibilities!





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## Features Apple concrete silo

- Prefab concrete elements of 83.2 cm wide
- Heights: 4, 5 or 6 meters
- Concrete silo is fitted with galvanized straps
- Environmental class XA3 and Concrete quality C45 / 55

The elements are placed on a concrete floor with a poured edge of 30 cm wide and 10 cm high, which is provided with ring reinforcement

- Standard equipped with filling / removal station 6 "
- PVC tension cover with KIWA certificate of suitability
- Silo in accordance with BRM-BRL and HBRM regulations

### /// APPEL Concrete silo: Montage

After the piping and pouring of the concrete floor, the manure silo is built element by element.

After placing the elements, they are sealed on the inside of the silo with fertilizer-resistant sealant.

The silo is assembled with galvanized steel belts that keep the silo under tension. The outside is poured with a concrete edge of 30 cm wide.

In addition, the silo is provided with a PVC tension cover with two manholes.



Aantal elementen	Diameter	Inhoud bij een hoogte van:		
		4 m	5 m	6 m
44	ø 11,80 m	412 m³	516 m³	619 m³
53	ø 14,19 m	601 m³	752 m³	904 m³
58	ø 15,51 m	720 m³	902 m³	1084 m³
61	ø 16,30 m	797 m³	998 m³	1199 m³
68	ø 18,16 m	993 m³	1244 m³	1494 m³
75	ø 20,01 m	1210 m³	1515 m³	1820 m³
80	ø 21,34 m	1379 m³	1726 m³	2074 m³
86	ø 22,93 m	1595 m³	1997 m³	2399 m³
91	ø 24,25 m	1786 m³	2237 m³	2687 m³
95	ø 25,31 m	1948 m³	2439 m³	2930 m³
100	ø 26,63 m	2159 m³	2704 m³	3248 m³
105	ø 27,96 m	2383 m³	2984 m³	3584 m³
109	ø 29,02 m	2569 m³	3217 m³	3865 m³
113	ø 30,08 m	2762 m³	3459 m³	4155 m³
121	ø 32,19 m		3966 m³	
127	ø 33,78 m		4371 m³	
135	ø 35,90 m		4943 m³	

Inhoud is met 10 cm vrijboord en 20 cm afschot