

# MAFA Industrial silo BIB



MAFA today offers a complete range of equipment and systems for storing, handling and transport of industrial bulk products. We manufacture silos of different types and sizes up to 189 m<sup>3</sup>, and also a complete programme for automatic weights, dosing feeders, mixers and transport augers of very high quality.

## MAFA BIB for industry and pellet fuel

Our best industrial silo, specially designed for rational handling of industrial bulk products and pellet fuel. Rigid and simple construction with a diameter of 3,1 metres and eight supporting legs. Manufactured in aluzink sheet, a high quality sheet metal that combines the best characteristics of aluminium and zinc.

- Aluzink has only half of the absorption of heat compared with ordinary galvanized sheet which minimises the risk for condensation.
- Aluzink has 2 to 3 times longer life than galvanized sheet.
- Filling is smooth, via a long radius bend and a large cyclone that prevents dust forming and is also environmentally friendly.
- Overfilling alarm on top ensures safe filling.
- Smooth interior walls with specially designed bolt and steep cone mean that the silo can be emptied completely.
- Several types of dischargers can easily be connected to bottom of cone.
- Several viewing glasses for level indication can easily be fitted.
- The silo can easily be fitted with optional equipment as vertical ladder, platform and dust collector.
- 7 year material guarantee.



MAFA BIB with natural ventilation = no condensation

### Natural ventilation

Mafa silos are equipped with cyclone with big ventilation area as standard. This ensures a smooth filling and also minimises the risk for condensation. When temperature changes the warm and moist air disappears rapidly through the cyclone and condensation is avoided.

Article no.		Volume m <sup>3</sup>	Capacity ton	No. of sections	Height meter
BIB21	Industrial	21,1	15,8	1	6,95
BIB30	Industrial	30,2	22,7	2	8,15
BIB40	Industrial	39,4	29,6	3	9,35
BIB49	Industrial	48,6	36,5	4	10,55
BIB58	Industrial	57,7	43,3	5	11,75
BIB67	Industrial	66,9	50,2	6	12,95
BIB76	Industrial	76,1	57,1	7	14,15
BIB85	Industrial	85,2	63,9	8	15,35

Capacity is given for 750 kg/m<sup>3</sup>

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MAFA BIB silo can be equipped with cone covering sheets all way down to better fit into existing surroundings.



MAFA silos can be equipped with a weighing system that gives exact control of material flow and current weight.



Platform, vertical ladder and filter.

## Dust collector, vertical ladder and platform.

When storing powdered material it is recommended to fit dust collector, vertical ladder and platform.

**MAFA offers complete systems**  
- for storing and handling bulk materials in silos  
for all branches and fields of activity



Further information on Mafa's range of silos is available at [www.mafa.se](http://www.mafa.se)



## Design

The MAFA BIB cone can be fitted with sheets and a shutting door with lock. This gives a solid impression and also prevents the silo from exterior influence.

The silo can also be delivered with painted surface to better melt into the surroundings.



Shutting door with lock prevents from exterior influence.

## Weighing system

By locating the silo on load cells you get a simple system to control the weight of material in the silo. This is important for logistics and gives possibility to control consumption on a daily basis. The measurement results can easily be directed to a PLC- or PC-based system.



Simple to read silo weight.

## Emptying alternatives

The MAFA silos are equipped with a flange and it is simple to connect various types of dischargers such as hoppers, suction boxes or rotary valves.



Hopper.



Suction box.