

MAFA Success BIO

- for storage and handling of fuel pellets

NEW

MAFA Success BIO

is a highly flexible silo solution for storing fuel pellets. The silo is modular and can be easily extended both in height and length. It has a low design and is equipped with a smart, self-emptying bottom section that is gentle on the pellets.

- New bottom cone without damper
- Emptying through an offset auger box that produces a more smoothly running Maflex auger
- New type of sectional- and roof- plates
- Reinforced end sections
- Smaller number of bolts
- Faster to assemble



MAFA Success BIO 330 with a volume of 14.1 m³.

MAFA Success BIO is manufactured entirely in Aluzinc plate, which means that it is also suitable for outdoor use, it has pouring edges and fewer bolts, which makes it smooth and easy to assemble.

The silo is available in four lengths and five heights, which meets most requirements.



The emptying auger for MAFA Success BIO is a Maflex 90/75 flex auger. The cone, flex auger and auger outlet is designed to ensure that emptying is gentle on the pellets. The transport auger's energy consumption is also considerably lower.

Sections	2	3	4	5
Length in mm.	2460	3690	4920	6150
Width in mm.	1883	1883	1883	1883
Volume in m ³				
Height in mm.				
1990	5.2	7.9	10.6	13.3
2470	7.3	11.0	14.8	18.5
2950	9.3	14.1	18.9	23.7
3430	11.4	17.2	23.1	29.0
3910	13.4	20.4	27.3	34.2

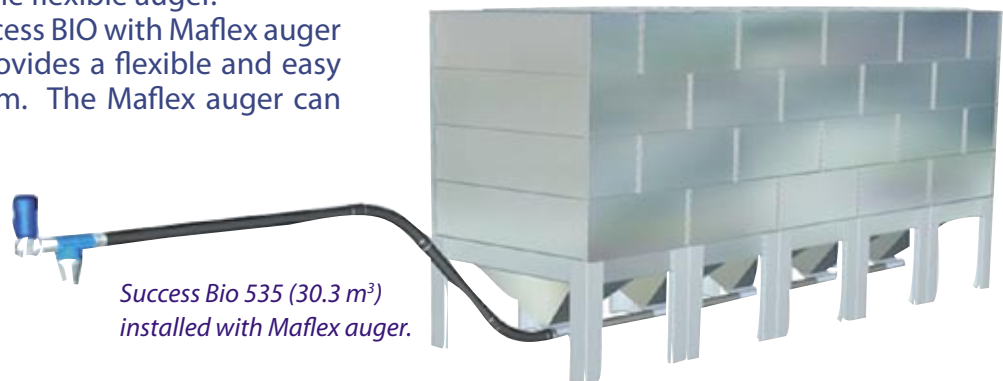
MAFA Succé BIO

Example of a MAFA system solution

The design of the MAFA Success BIO Silo means that you can transport wood pellets directly from the silo to the internal store in the furnace/boiler, using a simple flexible auger.

A MAFA Success BIO with Maflex auger conveyor provides a flexible and easy to use system. The Maflex auger can

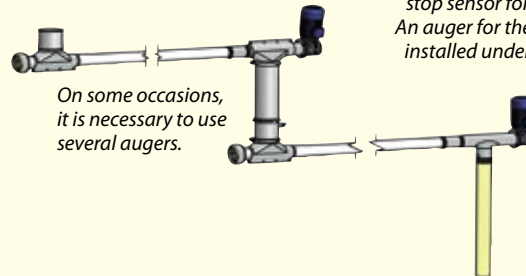
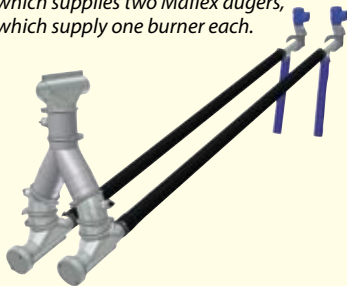
be configured to fit different makes of burner. This is simpler, uses less energy and means that the wood pellets are kept in better shape.



Success Bio 535 (30.3 m³)
installed with Maflex auger.

Examples of different MAFA emptying designs.

Auger from silo. Supplies a Y union, which supplies two Maflex augers, which supply one burner each.



On some occasions, it is necessary to use several augers.

Auger for down pipe, incl. start and stop sensor for rotating auger. An auger for the pellet burner is installed under the down pipe.



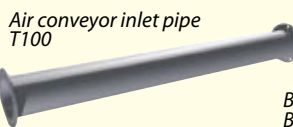
Optional accessories for MAFA Success BIO.



Protective cover for bulk coupling 2961



Sight glass 2017S



Air conveyor inlet pipe T100



Bend 90° B190



Bend 90° long radius, B190L



Inspection hatch 3837



Capacitive sensor 131



Alarm lamp 212



Fitting 3010



Fittings for housing.

More information about the MAFA silo range is available from www.mafa.se.



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