ABOVE GROUND STAINLESS STEEL STARCH WATER SEPARATOR AUTOMATIC

System:

If kitchen/food process wastewater contains starch concentrations from sources like potato, rice, wheat, or durum wheat (pasta), it can result in clogging within the wastewater drainage systems. The blockages are more likely to occur near the starch sources. To prevent this, it is crucial to separate starch from the wastewater. Metusan starch separators are used specifically for this purpose, ensuring the prevention of blockages in the wastewater pipes.
The Metusan starch separators are available above ground and below ground installation.

Working principles:

The operation of starch separators relies on the principle of gravity, where the varying densities of water, starch, and sludge naturally lead to their separation within the separator tank.
All gravity starch separators require regular maintenance to remove the starch along with the separated sludge deposits from the wastewater. Typically, this maintenance is carried out by specialized waste contractors. The frequency of maintenance depends on the volume of starch and sludge generated in the food production process.
It is essential to discharge only wastewater containing starch into the starch separator.

Fields of usage:

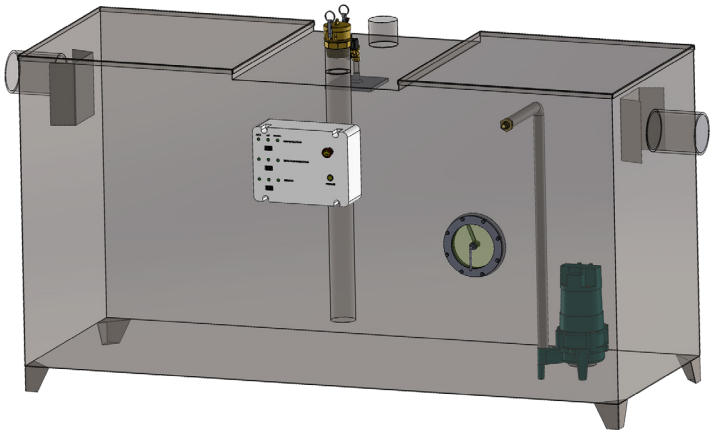
-Food process industry
-Pastry kitchens
-Crispy production
-Canning production

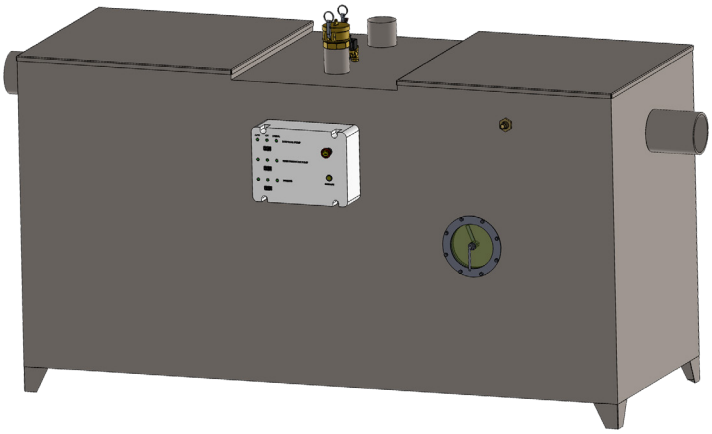
Advantages:

-Easy to install
-Low Weight
-Compact Dimensions
-Odourproof
-Easy to clean
-Eliminates nasty odours and pipe blockages
-Made from stainless steel (AISI 304/AISI 316)

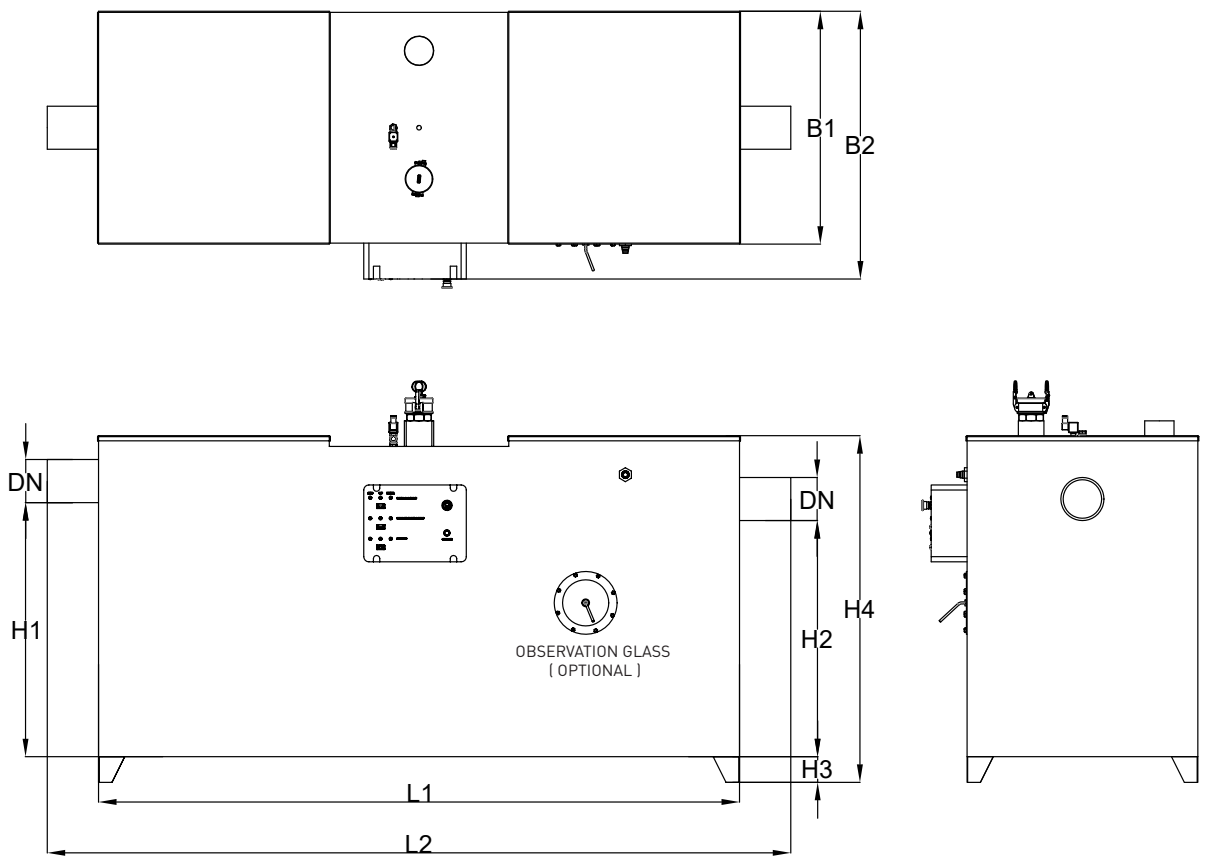
Automatic:

-Foam prevent sprinkle
-Washing
-Filling





TECHNICAL SPECIFICATIONS



PRODUCT DIMENSIONS

Code		NS	DN	Total Volume	Starch Capacity	H1	H2	H3	H4	L1	L2	B1	B2
ss304	ss316	(lt/sec)		(lt)	(lt)								
15111	25111	1	100	787	390	800	730	100	1000	1500	1700	750	950
15112	25112	2	150	1575	770	1070	1000	100	1250	1750	1950	900	1100
15113	25113	3	150	2250	1120	1070	1000	100	1250	2500	2700	900	1100

Dimensions are in mm.