PRODUCTS OF REFERENCE Data sheet

PRODUCT #1:		**Tin Bread**
Length:	mm	102
	in	4
Width:	mm	304,8
	in	12
Height:	mm	127
	in	5
Product weight:	g	600
	oz	21
Maximum instantaneous capacity:	pcs/h	5.000

SPINFLEX COOLING SPIRAL

Via Venezia 30, 35010 MARSANGO Pd, ITALY Tel +39 049 55 22 97 Fax +39 049 96 39 224 e-mail info@alit.it

COOLING SYSTEM

Composed by:

A. No. 1 INFEED CONVEYOR

Type of conveyor:		Cooling conveyor
Type of belt:		SPINFLEX SF350
Wire mesh:		1" pitch plastic
Belt width:	in	13¾
Bearing structure:		Stainless steel
Type of motorization:		independent

B. No. 1 TWIN ROUND SPIRAL SPINFLEX SF700/27½"

Data Sheet:

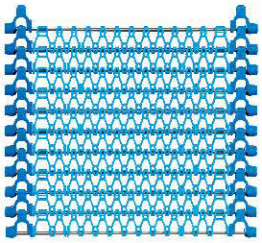
COOLING SPIRAL DATA SHEET

DESCRIPTION	UNIT	Q.TY
INLET POSITION		***LOW***
OUTLET POSITION		***LOW***
TYPE OF BELT		***PLASTIC WIRE MESH***
BELT WIDTH	*in*	***27½***
USEFUL BELT WIDTH	*in*	***25½***
TOTAL BELT LENGTH	*ft*	***1.456***
USEFUL BELT LENGTH	*ft*	***1.371***
NO. OF LAYERS	*no.*	***26 (13+13)***
LENGTH PER LAYER	*ft*	***49,5***
LAYER INTER-AXE DISTANCE	*in*	***7¼***
FREE SPACE THROUGH LAYERS	*in*	***5¼***
MAXIMUM PRODUCT HEIGHT	*In*	***5***
ELECTRIC POWER	*kW*	***5/6***

PRODUCT DATA SHEET

PRODUCT	UNIT	TIN BREAD
LENGTH	*in*	***4***
WIDTH	*in*	***20***
HEIGHT	*in*	***5***
HOURLY PRODUCTION	*pcs/h*	***5.000***
PCS/ROW	*No*	***2***
MAX RETENTION TIME FOR THE ABOVE REFERRED PRODUCTION (SPIRAL + CONVEYORS)	*min*	***60***
MIN. SPEED FOR THE ABOVE REFERRED PRODUCTION	*ft/min*	***45,7***
RETENTION TIME RANGE	*min*	***45 ÷ 90***
SPEED RANGE	*ft/min*	***30,46 ÷ 60,93***

SPINFLEX BELT WITH PLASTIC W/M



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No. 1 TWIN ROUND SPIRAL SPINFLEX SF700/27½" Material Description:

SPINFLEX spirals are made of a structure and a track-rail entirely made of **stainless-steel (AISI 304)**.

The track-rails are provided of a special low-friction ware-strip to ensure an easy running of the belt on it.

The drive consists of gear-sprockets positioned on every spiral layer made of High Density Plastic and they are driven by shafts completely made of stainless-steel.

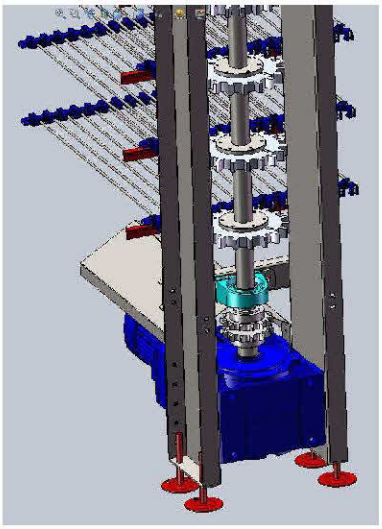
The Drive sprockets feature a unique and patented Torque-Limitating Device which grants the proper synchronization between drives and prevents the belt, the shaft and the sprockets from being damaged by a jamming of any possible kind.

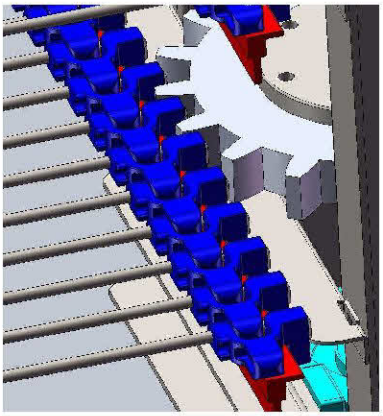
Ball-bearings are sealed and provided of greasing points to ensure an easy refilling of grease.

Gear motors of the spirals are **Sew/Siti** and are connected to the main transmission shaft through a flexible joint with roller chains and galvanized pinions.

The system is mounted with bolts, nuts and connecting plates entirely made of **stainless-steel.**

The **SPINFLEX BELT** is made with two **High Density Plastic** chain links connected to each other with **¼" diameter stainless-steel** bars, attached to the chain links**.** The **SPINFLEX BELT** can be equipped with plastic snap on inserts which provides a flat surface for the correct transfer of all the types of products.





SPINFLEX DRIVING SYSTEM

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C. No. 1 OUTFEED CONVEYOR

Type of conveyor:		Cooling conveyor
Type of belt:		SPINFLEX SF350
Wire mesh:		1″ pitch plastic
Belt width:	in	13¾
Bearing structure:		Stainless steel
Type of motorization:		independent

D. No. 1 1 IN 3 OUT WAYS DIVERTER

Number of Inlet:	No	1
Number of Outlet:	No	3
Transfer device:		Plastic Slats

The item receives the product from the previous unit and transfer it to one of the three slicers.

ALIT DIVERTER →

E. No. 2 SLICERS FEEDING CONVEYOR

Type of conveyor:		Cooling conveyor
Type of belt:		SPINFLEX SF350
Wire mesh:		1″ pitch plastic
Belt width:	in	13¾
Bearing structure:		Stainless steel
Type of motorization:		independent

F. No. 3 IDLE ROLLER CONVEYOR

Type of conveyor:		Cooling Conveyor
Type of belt:		Idle Roller
Belt width:	in	13¾
Bearing structure:		Stainless steel
Type of motorization:		independent

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CONTROL SECTION

Composed by:

G. No. 1 ELECTRIC CONTROL PANEL Material Description

The electric control panel is made with a prepainted steel cabinet.

The panel includes:

- speed variator **ALLEN BRADLEY**
- PLC **ALLEN BRADLEY**
- operator panel with display and controls **ALLEN BRADLEY**
- Emergency Stop
- optical and acoustic alarms
- lubricator control

N.B. **All electrical components will be selected according to CUL-CSA standards.**

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