



HRS[®]



PRODUCT BROCHURE:
HRS AF SERIES
HYGIENIC ASEPTIC FILLERS

HRS AF SERIES

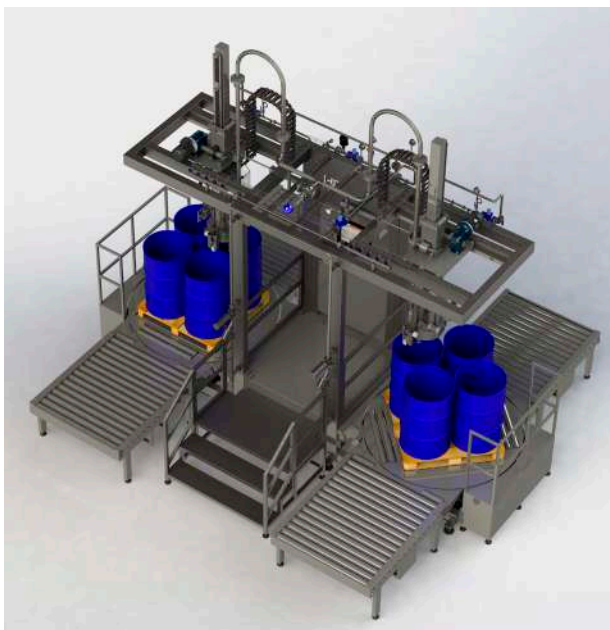
HYGIENIC ASEPTIC FILLERS

Aseptic filling ensures products remain **safe, fresh and retain quality** for up to twelve months, thus maintaining their taste, colour, texture and the essential nutritional values.

Our AF aseptic filler is specifically designed for bag in box or bag in drum filling, with the option of a single or dual filling head with 25mm or 50mm filling nozzle types. This makes the HRS AF Series suitable for standard packaging materials.

HRS offers a bag in box/drum single or double headed aseptic filler

Our aseptic process ensures that both food and packaging materials are free of harmful bacteria when the product is packaged. Sterile conditions during the packaging process are maintained using steam, ensuring the product is filled without contamination before the package is sealed.



- Designed for high and low acidity products
- Able to fill fluids, concentrates and particulate products
- Automatic head design provides high filling speeds
- Flexible and reliable for different standard aseptic bags
- Can perform vertical and horizontal movements
- Automatic CIP
- Reliable weight control and drum labelling
- Designed in accordance with all global food standards

HRS AF SERIES

HRS ASEPTIC FILLER MODELS



MODELS		HRS ASEPTIC FILLER 200		HRS ASEPTIC FILLER 1,000	
		HRS AF-200-1H	HRS AF-200-2H	HRS AF-1000-1H	HRS AF-1000-2H
SIZE OF ASEPTIC BAGS		200 L		200 - 1000 L	
HANDLING		Drums in a line		4 Drums on pallet Bins/Eurobins	
NUMBER OF HEADS		1H (Single Head)	2H (Double Head)	1H (Single Head)	2H (Double Head)
NOZZLE DIAMETER		25mm - 50mm			
WORKING SPEED	BAGS 200 L	30 bags/h	60 bags/h	60 bags/h	120 bags/h
	BAGS 1,000 L			10 bags/h	20 bags/h

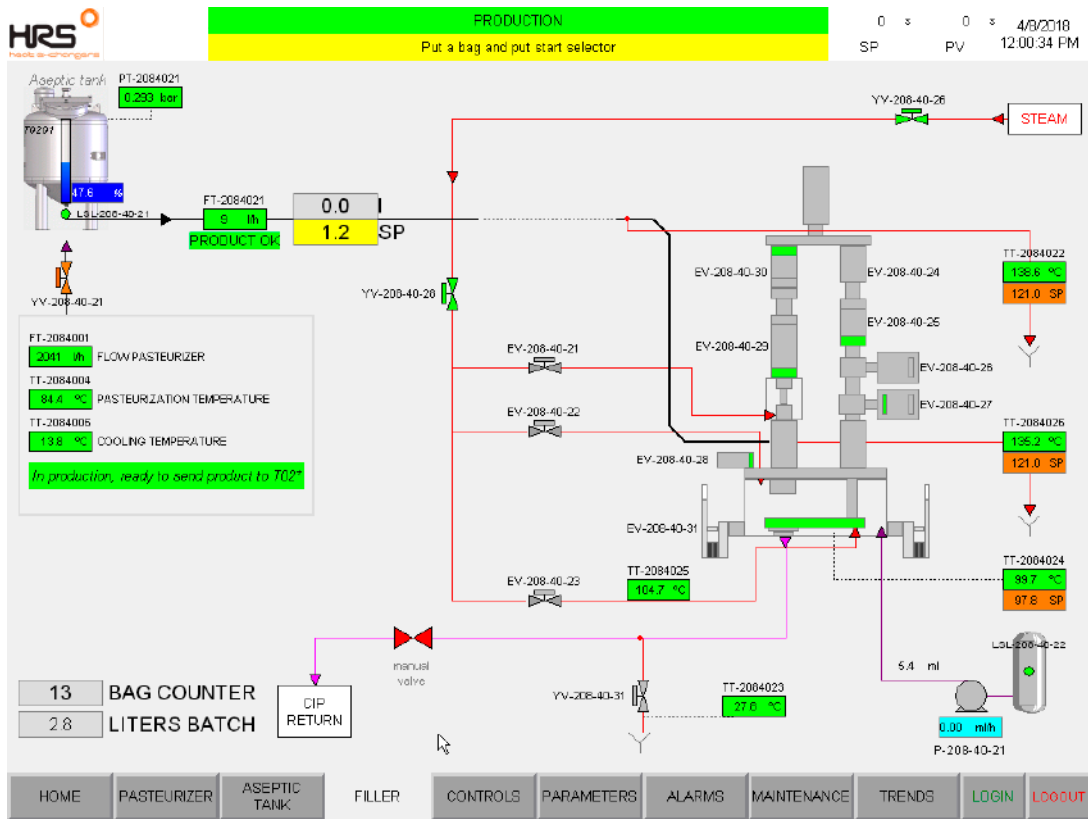
CONSTRUCTION MATERIALS

- All product wetted parts are manufactured in AISI 316L stainless steel
- Frame and supports are manufactured in AISI 304 stainless steel
- Other components are FDA approved

OPERATION

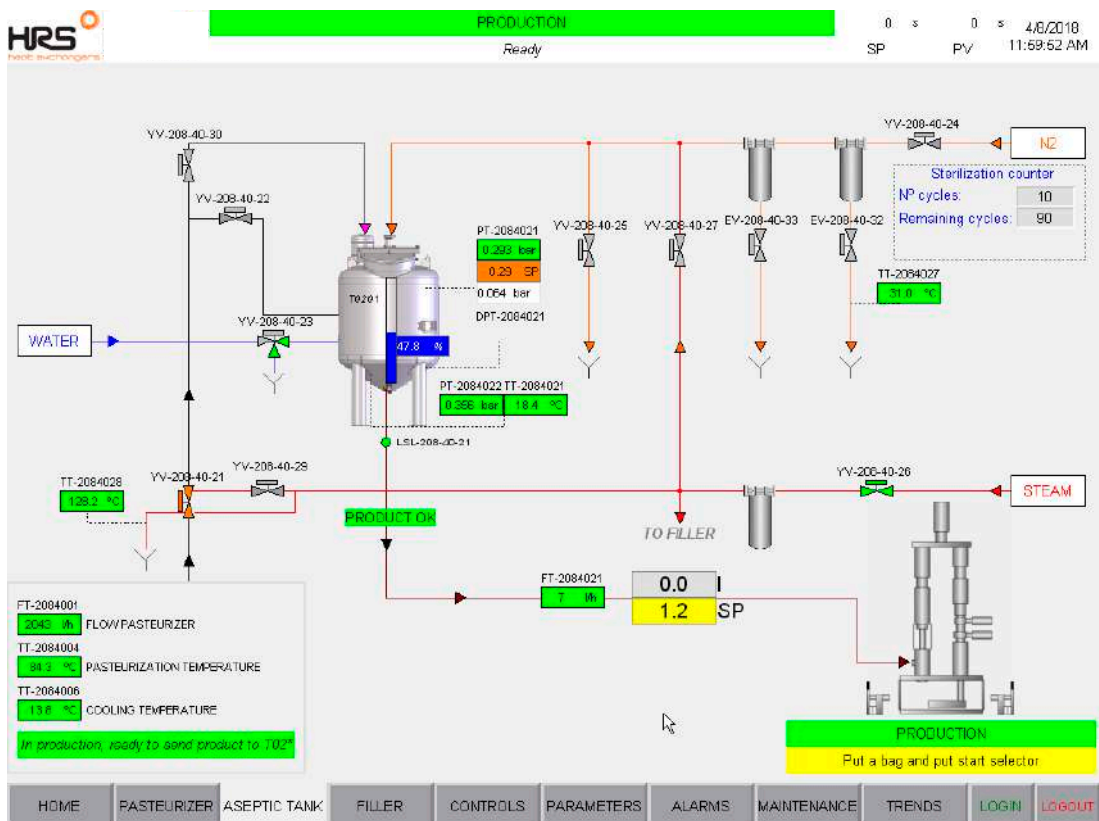
- The automatic head design provides high filling speeds and can perform motor driven vertical and horizontal movements.
- In the process, a thermal sterilisation of the product is carried out separately from the sterilisation of the package.
- Other features including CIP cleanable, reliable weighing, control and monitoring of the finished packs.

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HRS ASEPTIC FILLER CONTROL SYSTEM

The HRS AF Series comes with a full automation package as standard including self diagnosis and automatic CIP. Clients can choose the type of Programmable Logic Controller (PLC) and controls to match their specific standard.



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STANDARD SPECIFICATIONS

MATERIALS:

Service Side: AISI 304 Stainless Steel
Product Side: AISI 316L Stainless Steel

CONNECTIONS:

Service Side: Flange
Product Side: Clamp

All flange & clamp types available



APPLICATIONS

The HRS AF Series of aseptic fillers is suitable for the following products and applications:

- Fruit pulps, purées and concentrates
- Fruit slices and dices
- Vegetables purées, dices and concentrates
- Vegetable soups and sauces
- Delicate products and concentrates





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