



SNACKS · DRINKS

## COMBI-VENDOR

for the sale of  
confectionery/snacks  
and bottled and  
canned drinks

# FS 2020





Standard model in RAL 9010 (pure white)  
 Kick plates and delivery pocket in RAL 9005 (black)  
 Stainless steel operator panel

## The concept

The FS 2020 is the successor of our best selling FS 2000. Its programming and other technical features are consistent with FS/SÜ 1500 and SÜ 2020 vendors.

To maximise your selections and increase capacity, an SP 1000/1300 bolt-on can be connected to the FS 2020.

FS 2020 is ideal for smaller sites where there is a requirement to cost-effectively provide snacks and drinks, but insufficient space or demand for two vendors: e.g. in hotels, offices or hospitals.

**FS 2020 : A machine which can be configured to meet any site requirement.**

## The finest technology available:

- SMD-Vending Machine Controller with flash EPROM (software upload without eprom change either by using a programming unit, handheld computer, PC or via telemetry)
  - Fully automatic programming of selection numbers to motors
  - Electronically-controlled, high-performance, push-in cooling unit; optimised air circulation
  - Lockable, full-length internal door cover with perimeter seal, provides additional security i.e. for cash box and programming panel
  - Modular system is service and environment-friendly
  - Machine base constructed to facilitate transportation
  - Internal master safety switch to disconnect mains electricity
  - Coin slot and selection keypad are positioned at a suitable height for wheelchair users and children (1.30M).
  - Uniform housing depth of 880 mm
- Optional Extras:**
- Lockable delivery pocket cover enables access only when a vend has been made.
  - Light bar sensor confirms product delivery
  - Machine, sales and technical data, can be downloaded using a handheld computer (MDC) via the IR-interface (EVA-DTS) next to the display, or remotely using a telemetry module
  - SIELECTOR, Sielaff's own PC-software enables configuration and offers statistical readout from the vending machine. Software upgrades can also be performed using this programme. Four methods of sending and receiving data are possible: MDB-USB, ISDN, GSM or infrared



Increased level of protection  
against vandalism, theft and fraud

Additional security features  
(available as optional extras)



Coin insert slide



Coin return drum



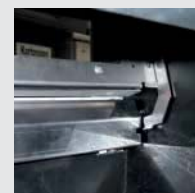
Locking lever protection



Side lock\*



High security frame,  
Security glass with inter-  
nal grid



Lockable delivery pocket  
flap

\* Can be purchased separately or in conjunction with the high security frame

## Confectionery / Snacks

- Black container walls with height-adjustable stainless steel shelves, to enhance product presentation
- Adjustable container walls offer the flexibility to accommodate most products
- Available with six moveable shelves (other versions upon request)
  - > 3 spiral containers for 12-18 selections
  - > 4 spiral containers for 12-24 selections
  - > 5 spiral containers for 18-30 selections
  - > 6 spiral containers for 18-36 selections

## Drinks

- FS2020 can be configured with up to six individual can and bottle drink chutes from 0.2 to 1.5 litre (2.0 litre upon request)
- Standard and narrow chutes can be combined
- Double depth / triple depth / 4 deep chutes available, depending on product size
- Chute can be easily modified to accommodate different bottles or cans
- DC-chute motor with high torque



COMBI-VENDORS



**Spirals**

Products are placed in spirals and are dispensed on a first-in-first-out basis. Shelves and spirals are made from highly-polished stainless steel. Typical layout examples are shown below, although many other options are possible to suit your particular needs.



**Chutes**

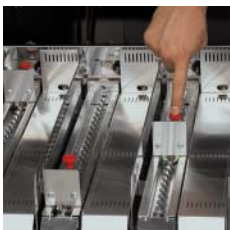
With the flexible Sielaff chute system, the FS 2020 can be supplied with up to six standard or narrow chutes, depending on the snack container selected.



**Refrigeration**

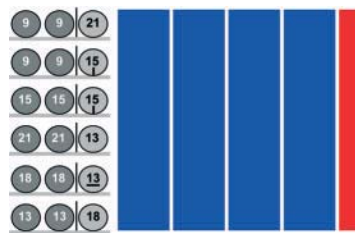
Electronically-controlled, high performance, push-in cooler unit. The vendor has a high energy efficiency rating due to the following factors: optimised air circulation; superior insulation; a large floor filter and rear air vent.

The chiller can be programmed to a higher temperature during periods of inactivity, thereby saving energy.

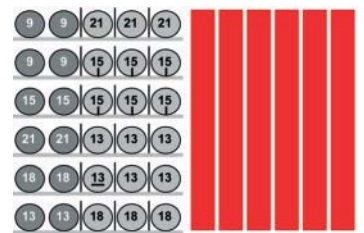


**Multiflex pusher**

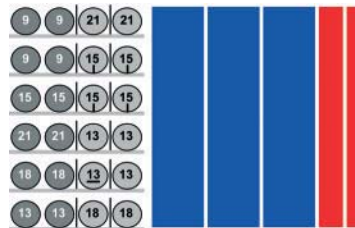
The FS 2020 can be fitted with Multiflex pushers for optimum vending of Tetra-Paks up to 1 Litre for example.



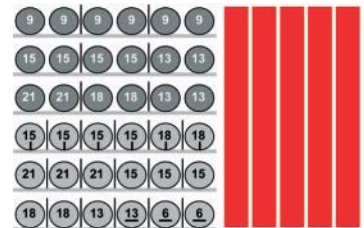
6 selections of bags  
6 selections of bars  
4 standard chutes  
1 narrow chute\*



6 selections of bags  
18 selections of bars  
6 narrow chutes\*



6 selections of bags  
12 selections of bars  
3 standard chutes  
2 narrow chutes\*



9 selections of bags  
18 selections of bars  
5 narrow chutes\*

\* based on 85 mm narrow chutes

One vending machine in a variety of designs...



**FS 2020 SO:**  
*LGA approved Outdoor Version*



**FS 2020 VA:**  
*Stainless Steel door*



**FS 2020:**  
*High security version including numerous anti-vandal features*



**FS 2020 + SP 1300 LM:**  
*Any type of SP bolt-on unit can be connected to an FS 2020 i.e. FK for drinks, SU for snacks and confectionery and LM for fresh food products*



**FS 2020 + SP 1000 LM:**  
*Any type of SP bolt-on unit can be connected to an FS 2020 i.e. FK for drinks, SU for snacks and confectionery and LM for fresh food products*



**FS 2020 SI:**  
*SIELEGANCE design*

For further information on other machines mentioned, please refer to the appropriate brochure



# Technical Data

COMBI-VENDORS

Machine Type	FS 2020	FS 2020 VA	FS 2020 SI
Design versions*	Basic version	Stainless steel door	Sielegance version
Dimensions (h x w x d, mm)	1,830 x 990 x 880	1,830 x 990 x 880	1,830 x 990 x 964
Weight approx.	475 kg	475 kg	475 kg
Cabinet colour	white, RAL 9010	white, RAL 9010	grey, RAL 7024
Door	white, RAL 9010	stainless steel	light grey, RAL 9006
Cabinet	black, RAL 9005	grey, RAL 9007	black, RAL 9005
Front panel	stainless steel	stainless steel	black, RAL 9005
Current and power usage	410 W	410 W	410 W
Power usage	230 V	230 V	230 V
Frequency	50 Hz	50 Hz	50 Hz
Current	16 A	16 A	16 A

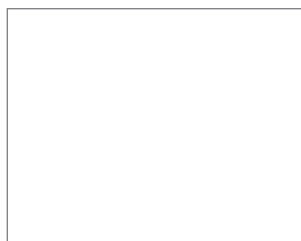
Credit system: Suitable for immediate installation of standard MDB-Coin mechanisms (preparation for BDV and EXECUTIVE available upon request at no extra charge). The machine can also be prepared to accept a banknote reader or a cashless payment system (e.g. keys, cards or mobile phone payment).  
 Peripherals: There is sufficient space to fit telemetry or Online Vending using the Sielaff Remote Controller (available as an option)

**Confectionery:** based on 6 shelves / 15 pitch spirals  
**Drinks :** S= standard chute, N= narrow chute

Confectionery container

example of	Selections	Capacity	N	S	Selection drinks	0.33 l can	0,5 l PET
Triple Container	18	270	4		4		
			3	2	5	410	
			4	1	5		288
			2	4	6	448	
			3	3	6		288
4 x Container	24	360	3		3		
			4		4	384	256
			3	1	4		
			2	3	5	384	
			3	2	5		256
			1	4	5		
			1	5	6	416	224
5 x Container	30	450	3		3		
			2	2	4	320	
			3	1	4		224
			1	4	5	352	192
				5	5		
				6	6	384	192
6 x Container	36	540	2		2		
			3		3	288	192
			2	1	3		
			1	3	4	288	160
				5	5	320	160

Please note: When placing an order, please specify confectionery / snack products together with bottle and can sizes.



Sielaff reserves the right to amend technical information contained in this leaflet without prior notice.

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