

Automatic closing machine VR-mp

**available for:**

- screw caps
- drop inserts
- press-on caps
- flip-top caps
- cup to cup closure
- pipettes
- brushes
- spray pumps
- triggers
- rubber stoppers
- crimp caps
- ROPP caps
- and many other types

Standard equipment:

- basic machine with mechanical indexing table
- 12 stations (alternatively 16 or 24)
- pneumatic cap dispenser
- capping station for 1 cap type

Some Faces and Features:**Application example:**

Inserting station for dry cartridge
cap applicator with pre-twisting unit
air-cleaning of caps at supply chute
detection sensor for aluminium foil inside cap
servo capper with gripper style capping head
cap detection and inspection station
pusher for bottles detected as “faulty”
full Network interface and data processing

**Integrated user-friendliness:**

Quick and easy changeover and adjustment
either by crank and position indicator
or by fully automatic height positioning system
changeover instruction on request over HMI
plug-and play-design for most size parts.

Selection of basic machine configuration

The machine is available with 12, 16 or 24 indexing stations, furthermore for 3 different bottle sizes.

The combination of indexing stations and the maximum bottle size define the basic machine type.

Max bottle base size	Number of indexing stations		
	12	16	24
∅ 80 mm	VR-mp 100	VR-mp 110	VR-mp 120
∅ 100 mm	VR-mp 200	VR-mp 210	VR-mp 220
∅ 150 mm	VR-mp 300	VR-mp 310	VR-mp 320
400x300 mm	VR-mp 400	VR-mp 410	VR-mp 420

For large containers we supply the machine alternatively with feed screw instead of indexing table.

Selection of machine drive system:

The capping machines series VR-mp are available in a great variety of drive configurations. The drive code of the machine explains which movement is driven by which method.

- m mechanical drive (electromotor, with rotary or linear gear)
- e electric drive
- p pneumatic drive (pneumatic cylinders)
- s servo drive

Drive code	- mpp	- mep	- mee	- msp	- mse	- mss	- sss
Indexing table drive	m	m	m	m	m	m	s
Capping motor drive	p	e	e	s	s	s	s
Lifting of capping head	p	p	e	p	e	s	s

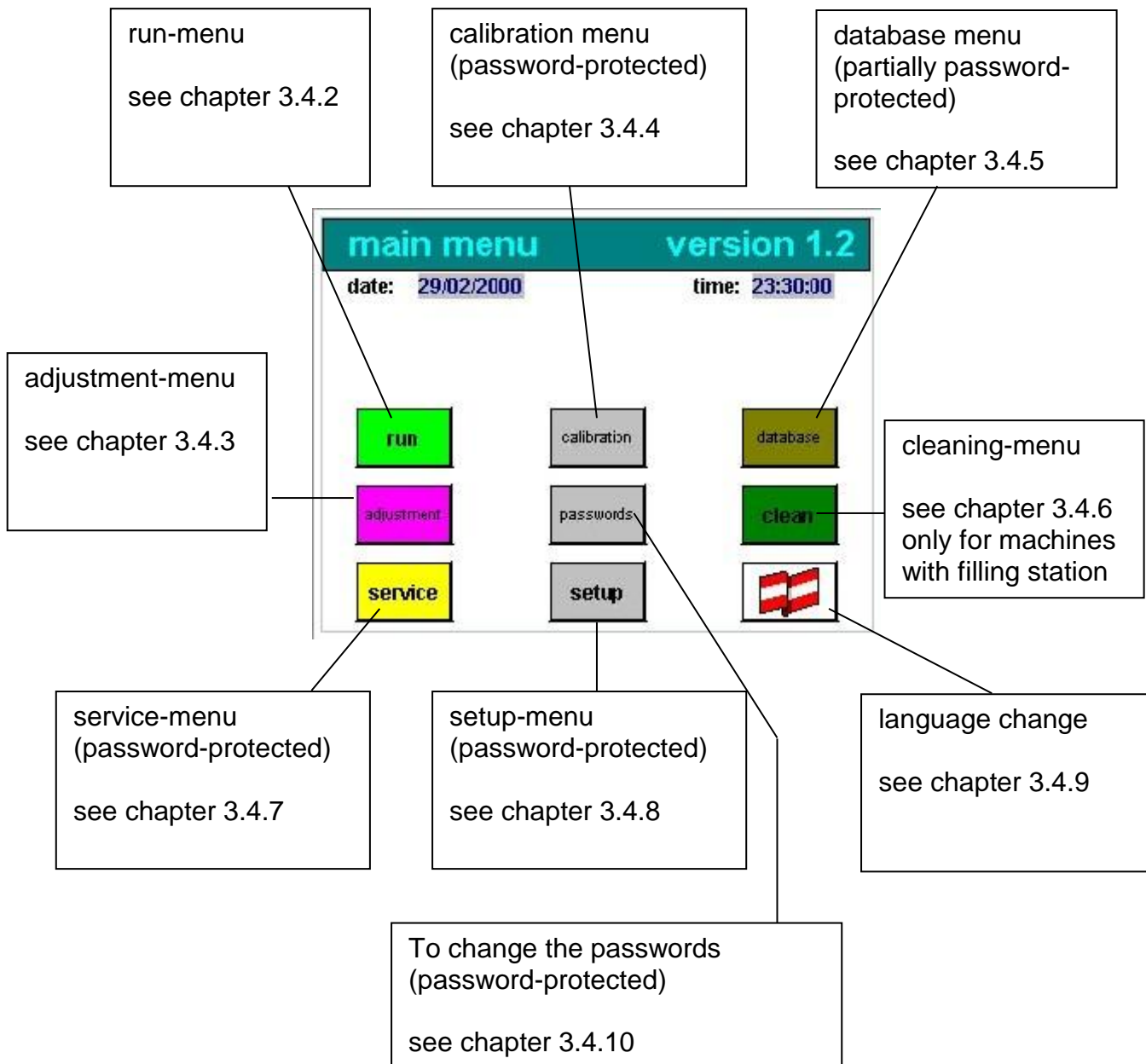
Example: Capping machine VR-mp, maximum bottle diameter 100mm, 12 capping stations, indexing table mechanically driven, capping motor servo driven, lifting of capping head mechanically

Machine type key: VR-mp 200 –mse

Depending on requested output and cap type we offer following methods of cap-infeed:

- manually on a chute or on a conveyor
- via cap rotary table
- via vibration sorting machine
- via disk sorting machine
- via turbo sorter
- other systems on request

Example of interface settings - only for machines with touch screen (in reference to the machine handbook)



Technical data:

Number of indexing stations:	12, 16 or 24
Drive:	electric motor or servo drive
Machine casing:	stainless steel 1.4301 (AISI 304)
Machine drive:	230/400 V, 3 phase, 1,5 kW
Compressed air:	6 bar, filtered, oil-free
Max. bottle diameter:	80 mm (alternatively 100 or 150 mm)
Max. bottle height:	350 mm (alternatively 500 mm)
Output:	max. 60 bottles/min depending on bottle, product filling level and cap type.

Optionals:

statistics interface

camera checker

labelling machine

ink jet coder

quality management software package

and others