



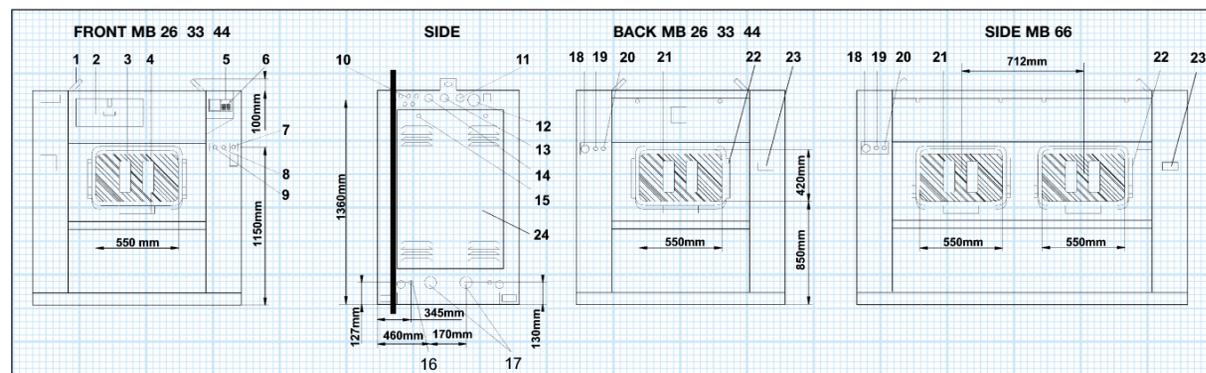
Hygienic Barrier Washer MB 26 33 44 66

High spin, free standing



TYPE		MB 26	MB 33	MB 44	MB 66
CAPACITY					
Drum capacity	kg	26	33	44	66
Drum volume	l	260	330	440	660
Drum dimensions	mm	ø650x800	ø650x950	ø750x1000	ø750x1500
Number of drums		1	1	1	2
Number of loading doors		1	1	1	2
Number of unloading doors		1	1	1	2
DRUM SPEED					
Washing speed	tpm	42	42	38	38
Highest spin speed	tpm	960	960	915	915
G-factor spin speed		335	335	350	350
PROGRAM					
FC-microprocessor		Standard	Standard	Standard	Standard
COVER					
Stainless steel AISI 316L		Standard	Standard	Standard	Standard
HEATING					
Electrical 380-400V	kW	24	36	45	54
220-240V	kW	24	36	-	-
Steam heating	psi	45-100	45-100	45-100	45-100
CONNECTIONS					
Electrical		220-240/3/50 380-400/3/50 Others on request	220-240/3/50 380-400/3/50 Others on request	220-240/3/50 380-400/3/50 Others on request	220-240/3/50 380-400/3/50 Others on request
Water inlet	inch	1"	1"	1"	1"
Steam inlet	inch	3/4"	3/4"	3/4"	3/4"
DIMENSIONS					
Size (LxWxH)	mm	1350x900x1550	1500x900x1550	1550x1100x1600	2100x1100x1600
TRANSPORT DATA					
Gross	kg	990	1080	1250	1405
Net	kg	900	990	1150	1295
Packed (LxWxH)	mm	1880x1170x1830	1880x1170x1830	1930x1370x1830	2200x1370x1830

- | | | | |
|-----------------|---------------------------------|---|----------------------------------|
| 1. Draw-hook | 7. Main switch | 13. Inlet for hard cold water | 19. Button to unlock the door |
| 2. Powder tank | 8. Button to unlock the door | 14. Inlet warm water | 20. Button for the door position |
| 3. Loading door | 9. Button for the door position | 15. Lock service panel | 21. Unloading door |
| 4. Door handle | 10. Inlet for fluid soap | 16. Steam supply (version with steam heating) | 22. Consolidation of the door |
| 5. Display | 11. Inlet for soft cold water | 17. Drain 2 x 3" (75mm) | 23. Net plate |
| 6. Keyboard | 12. Drum ventilation | 18. Emergency button | 24. Service panel |



The company Primus N.V. preserves the right to change the machines and the specifications in this leaflet at any time, without prior notice. Details and photos are only for information and never binding.



Primus N.V. Heulestraat 51 B-8560 Gullegem-Belgium
 Phone: +32 (0)56 43 52 00 - Fax: +32 (0)56 40 34 63
 e-mail: primus@primus.tm - internet: http://www.primus.tm

PRIMUS HYGIENIC BARRIER WASHER

Wherever hygiene is of the greatest importance: hospitals, rest homes, prisons, nuclear power-stations and cleanrooms, **PRIMUS hygienic barrier washers** are relied upon for their outstanding quality. With the hygienic machines it is **perfectly possible to separate** the rooms in which the **clean** and **dirty laundry** is being processed. The dirty laundry is put in through the front of the machine and is unloaded through the **back** after washing. This provides perfect hygienic circumstances. Moreover, the hygienic machine allows to improve the organisation of the linen stream.



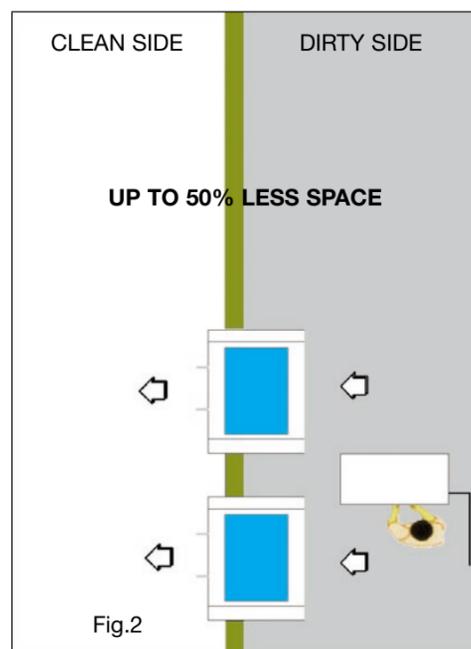
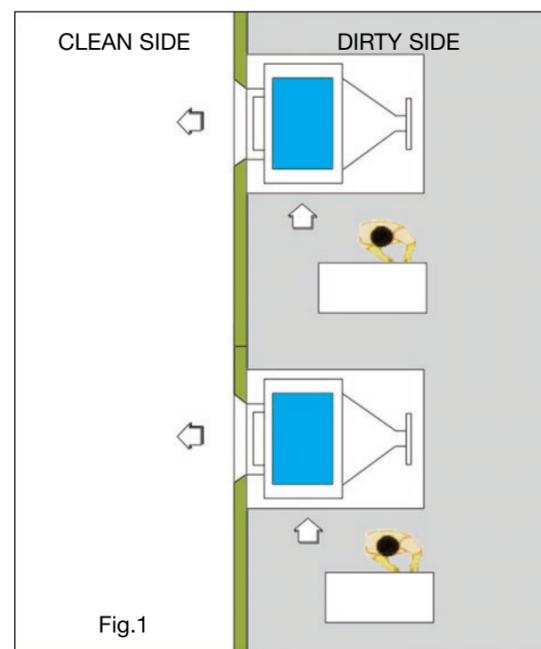
Clean side



Dirty side

THE PRIMUS MACHINES TAKE UP LESS SPACE COMPARED TO OTHER SYSTEMS

With the Primus machines (fig.2) the linen is loaded **at the front**. After the washing cycle the linen is unloaded **at the back** of the machine. This as opposed to other machines (fig.1), where the linen is loaded at the side and unloaded at the back. This is a disadvantage because in that case **much more space** is needed to install more than one machine with the same capacity.



STRONG, RELIABLE AND SPACE SAVING

HIGH G-FACTOR (TO 350); SHORTER DRYING TIME, ENERGY-SAVING

The Primus hygienic machines can reach a spin speed of 960 rpm, thanks to a robust construction, the very reliable, selfadjusting double roller bearings and the frequency-controlled motor. This results in a **low residual humidity level of the linen** at the end of the washing cycle, which means a **shorter drying time** and an important **energy-saving when drying**.



FC - MICROPROCESSOR

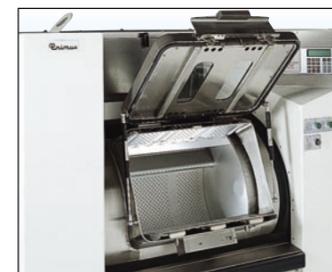
- **Freely programmable microprocessor** that meets the most complex of requirements: washing time, temperature, freely set water levels, number of rinses and spins, liquid soappump control, water recovery, etc.
- Up to 99 washing cycles available.
- The microprocessor **can be programmed very easily just by answering the questions** that appear on the display of the microprocessor.
- The **two-line display, in your own language**, shows the progress of the programme.
- Possibility of changing the **water level, temperature, washing and spin times, etc. during the programme**.
- The microprocessor also has a **diagnosis system** that signals and describes faults, this **saves time with maintenance**.
- Via a PC connection and a network connection, programmes can be modified and washing processes can be managed with several machines at the same time.



SOAP TANKS

The stainless steel soap dispenser consists of **5 removable compartments**. The soap is added to the washing water at the bottom of the tub at the right moment during the washing cycle. **This prevents direct contact with the linen** and avoids damage of the linen. The water for cool down is added in the same way. This **avoids 'thermic shock'**, the main cause of shrinking.

The soap dispenser is mounted at the front side of the machine for an easier and **more efficient way of working**. This advantage enables machines to be placed closer to one another so **place is saved**. The water supply stops immediately when the soap tank is opened. The machine can be provided with **soap pumps**. (up to 8 connections)



STAINLESS STEEL AISI 316L

Drum, tub and middle panels are entirely made of **stainless steel AISI 316L**.

LARGE DOOR OPENING

The machines have a very **large door opening** for easy loading and unloading of the drum. A rubber buffer attached to the front panel prevents from damage from linen trolleys.



FREQUENCY CONTROLLED DRIVE

The Primus MB machine is equipped with a **frequency-controlled motor**. It offers the possibility **to set the speed at random** and to control the acceleration speed with the Primus microprocessor. With this **the risk of unbalance during spinning is reduced**. Moreover, it gives a **perfect washing result**, a **smooth operation** and a longer **lifespan**, both of the linen and the machine.

With frequency control, the machine has less mechanical parts and therefore needs less maintenance.

On top of that, power peaks are eliminated when switching to a higher spin speed. This results in **less energy consumption and a uniform mains load**.

EFFICIENT DRAIN AND WATERRECYCLING

Two large (75mm) drain valves ensure a **very fast draining and a shorter cycle**.

The drain valves are mounted close to the drum. This **avoids spilling of water and soap**, that would sink in the drain tube between the drum and the drain valve.

The second drain valve can be used for **waterrecycling**. In this way, the water of the last rinse can be used for the next prewash.