

The **FWM-80 Washing** Machine



Duvet filling machine



Pillow filling machine



WS3 Washing machine



Feather spinner machine



FWM-80 WASHING MACHINE

The “FWM-80” type automatic washing machine is the newly design product of CSF-Electric Kft.

This equipment can be loaded manually from a feather box or automatically from a silo based on weight. Both outer and inner drum is made of stainless material. We pay great attention to the quality of the

materials we use. All of our machines comply with the latest safety standards and regulations.

The latest Siemens control and drive technology, our washing machines are able to wash all kinds of feather and down properly.

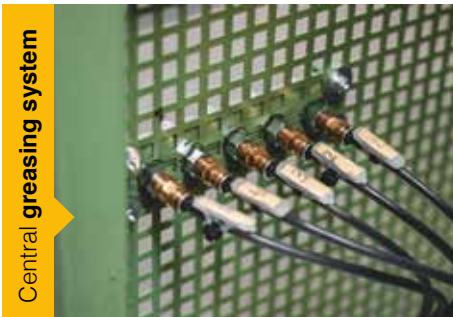
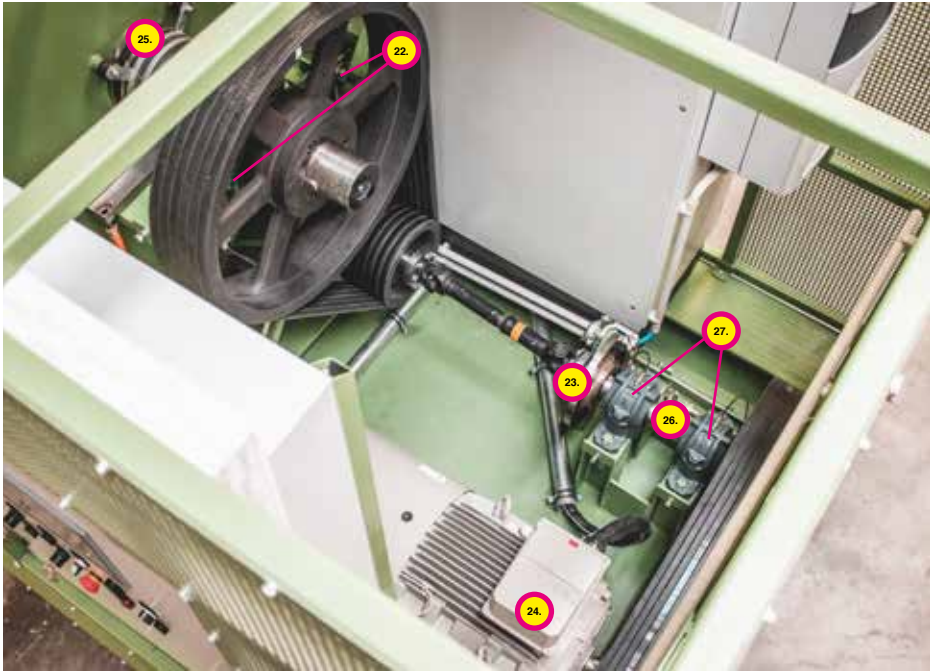




1. Washer drum bearing (FAG premium quality)	2. Shock absorbers (Billstein)
3. Loading and emptying duct (250 mm)	4. Automatic chemical dosage system
5. Automatic chemical dosage system	6. Circulation pump (FAG premium quality)
7. Manual chemical dosing tank	8. Hot water inlet valve
9. Cold water inlet valve	10. Circulation pump closing valve
11. Analogue pressure transmitter connection	12. Vacuum pump connection to diffuser (adds oxygen to the washing water)

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|------------|---|------------|--|
| 13. | Main drive control cabinet
(with aircondition) | 15. | Safety magnetic lock
(Siemens) |
| 14. | Pneumatic Shock blower
(helps to loosen the stuck materials on the drum while emptying) | 17. | Directional damper
(Vacuum / secondary air support) |
| 16. | Loading and emptying directional damper
(controls loading and emptying) | 19. | PLC control cabinet
(Siemens safety electronic system, Siemens 12" touch screen) |
| 18. | Central greasing system
(ability to attach auto grasing ssystem) | 21. | Oscillation sensor |
| 20. | Machine plates | | |





22. Rotary sensors

23. Hydraulic brake system

24. Siemens main drive

25. Washer drum shaft sealing

26. FAG drive shaft and bearing

28. Air-condition for the main drive



29

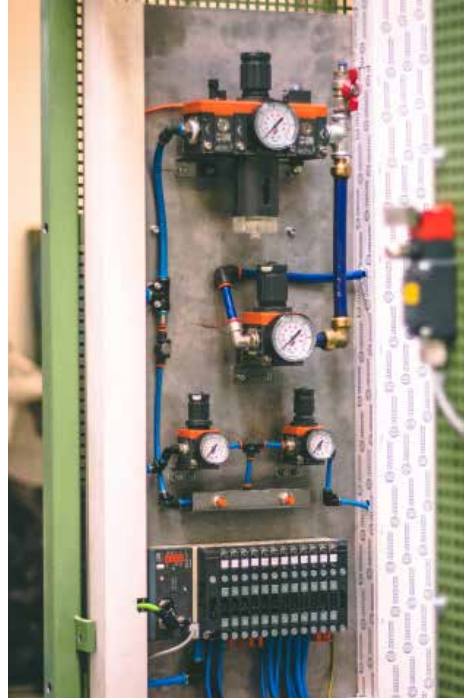
Main drive electric system

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Analogue water level regulation

Our design complies with Industry 4.0, user friendly and easy to operate on the multilingual operating panel. It also has a statistics system to keep track of wash cycles, quantities, power consumption and maintenance cycles.





Duvet **filling machine**



Pillow **filling machine**



Washing & drying **machine**



WHAT WE DO?

We are designing and manufacturing feather processing machines such as washers, dryers, cooler / de-dusters, wet and dry silos, sorters, vacuum boxes and comforter filling machines.

NEED A SIMILAR SOLUTION?

We are excited to work on your project. Please contact us right now to discuss what your business needs!



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