

# The **Duvet Filling** Machine





**Our mission is to enhance the equipment quality used by the feather industry, make new machinery and to make these equipment more effective, safer and more reliable.**



# CSF Electric kft.

## Welcomes You!

### About the company

Our mission is to enhance the equipment quality used by the feather industry, make new machinery and to make these equipment more effective, safer and more reliable.

The company's works can be traced back to 15 years. We know many feather and down processing companies and have close and confidential relationship with our existing ones.

We feel it is very important to maintain equipment and to offer technical help for partners.

### Our team

We have a staff of 18 - 20 people including electric and mechanical engineers. We are manufacturing machines and welcoming partners in a well- equipped and up to date production hall and office.

We are very easy to find, because the motorway is very close and our capital is only 200 km away.

### What can we offer?

Our company can offer the following:

1. Manufacture new machinery
2. Modernize and restore machines
3. Repair and service tasks with customer service
4. Used and new machine trade

Our main profile is manufacturing new automated machines, because there is a great demand for this on the feather and down market.

We make the highest quality filling machines with competitive technical content.

We also make control automatics, pneumatic and hydraulic systems fitted to machines.



# WE ARE GLOBETROTTERS!

## USA

We have customers overseas in the USA.

**Cities we been working**

**in:** New York, Grand Rapids, Chicago, Toronto (Canada)

## EUROPE

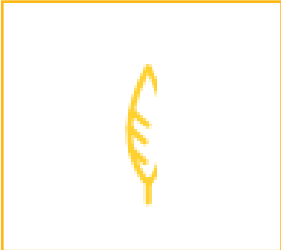
We are frequently travelling in Europe.

**EU Countries:** United

Kingdom, Hungary, Russia, Germany, Austria, Poland, Romania, Nederland, Italy, Denmark and many more...

Distance is not an obstacle. We go where we are needed!

# OUR SERVICES



## **Manufacturing new Machinery**

Manufacturing spinners (centrifuges), washing, drying, cooling-dedusting, sorting, duvet and pillow filling machines, wet and dry silos and vacuum boxes.



## **Relocation & modification**

We can help disassemble, load and re-assemble machines. If requested we will modify these machinery.



## **Manufacturing machine parts**

We make all major parts for our machines. This way we make sure that they will not get damaged. We also undertake machine part manufacture for other machines also.



## **Maintenance**

Should any problem occur our professional team will go to site immediately or help via Internet software.



## **Modernization**

Time does not spare machines also. If you don't want to invest in a new machine we can renovate your existing one completely.



## **Automation and control**

We design and make completely automated PLC controls in our well-equipped workshop.

---

# KFM08 Automatic Duvet Filling Machine

The KFM08 type automatic duvet filling machine fills filling material (feather, down and synthetic) into empty duvet covers.

## Operation:

The previously set quantity of filling material will be measured automatically by the weight bins then the filling station will fill the empty duvet cover boxes by blowing the filling material inside them with ventilators. The number of columns, rows and lengths have to be specified to make sure every box will be filled

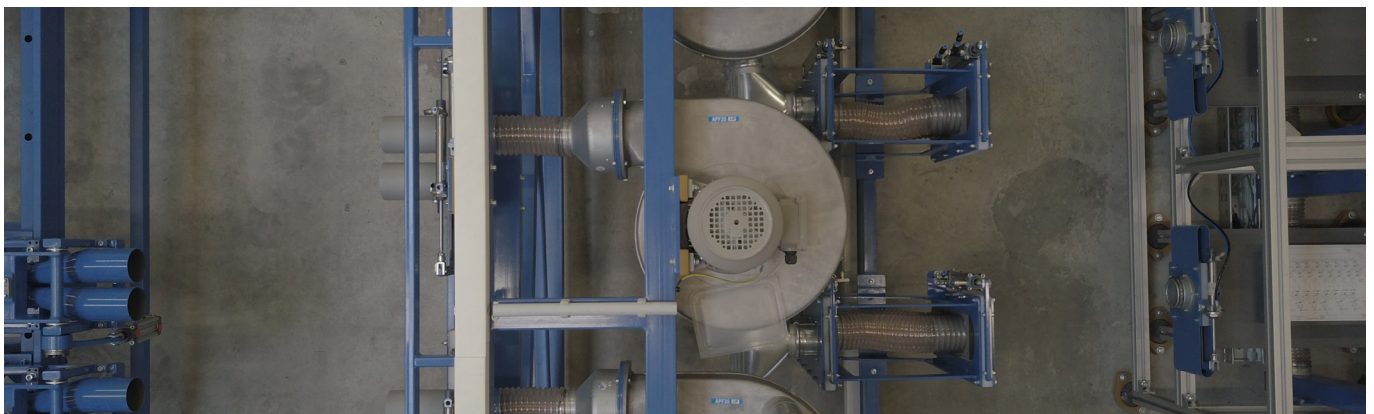
## Storing the filling material

The silo has to be loaded by vacuum then the filling material will be transported automatically by the electric control evenly into the bottom tank of the silo. Here a loosening shaft will make sure that the material stays even.



The material will be transported into the weight bins by ventilators. There are 8 weight bins in total. During measuring the electric control will monitor the bin's weight. After loading the bins the system will check the weights. If the weight is not between the previously set tolerance values the machine will put more filling material in or take out from the bin into the silo. Measuring is only ready if the measured weight is between the tolerance values.

When the weight is measured the filling material will be transported into the duvet cover boxes through ventilators and side slides.



### Capacity

8×7 duvet, 200- 250 pcs/8 hours

### Sizes

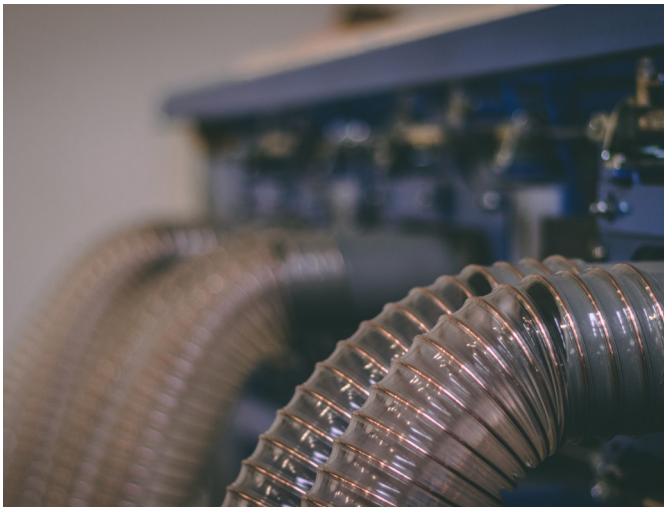
Length: 11m, Width: 6m, Height: 4m \*Final height depends on the silo

### Unique construction

The machine size depends on the available space at the customer. We always personalize our machines for each customer.

### Supply data

Rated voltage: 3x400V 50Hz 3x32 A Air supply: min. 6 Bars





---

**DISTANCE ISN'T  
AN OBSTACLE.  
WE GO WHERE  
WE ARE NEEDED!**







**CSF ELECTRIC**  
Feather Processing Machines

6900 Makó,  
Királyhegyesi road  
6/B, Hungary

Balázs Fruzsza: + 36 30 361 5839  
Bence Pántya +36 20 278 6129  
[info@csfelectric.hu](mailto:info@csfelectric.hu)  
[www.csfelectric.hu](http://www.csfelectric.hu)

Skype:  
[office.baustein](https://www.skype.com/partners/office.baustein)  
GPS:  
46.227092, 20.507156