



# VERTICAL MILL

VM 4, VM 5,5, VM 7,5

Vertical (hammer) mill made by our company TAURUS, s.r.o., Chrudim is the machine for milling of cereals determined. Material is milled by beaters in a high speed rotated as well as by friction between cover of sieve and raw materials.

The machine is determined for montage in technologic plants, where is made the fodder mixtures for animals. There are such equipment as a silo for raw material and silo for milled material, also conveyers and the machines for processing of loose materials, in these plants.

The mill is possible to use also for milling of bones in rendering plants, for milling of wooden wastes in wooden industry and some lumpy raw materials in various industrial plants.

## Advantages:

- saving and reliable operation
- minimal maintenance
- easy Exchange of sieves
- easy operation
- easy cleaning of the machine
- long service life of the rotor and hammers

## The possibility of grinding:

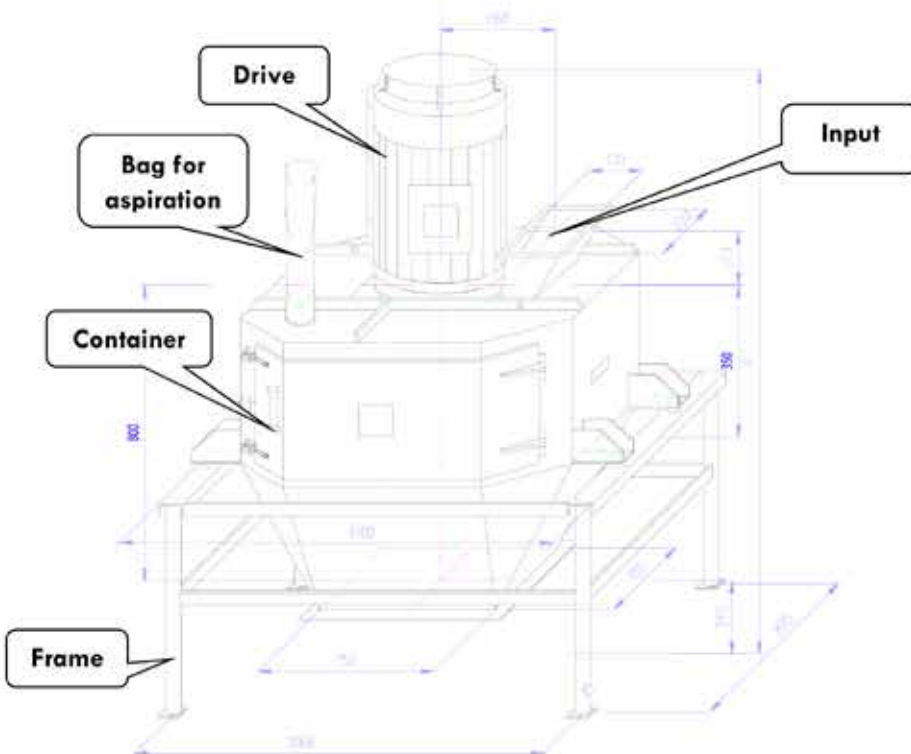
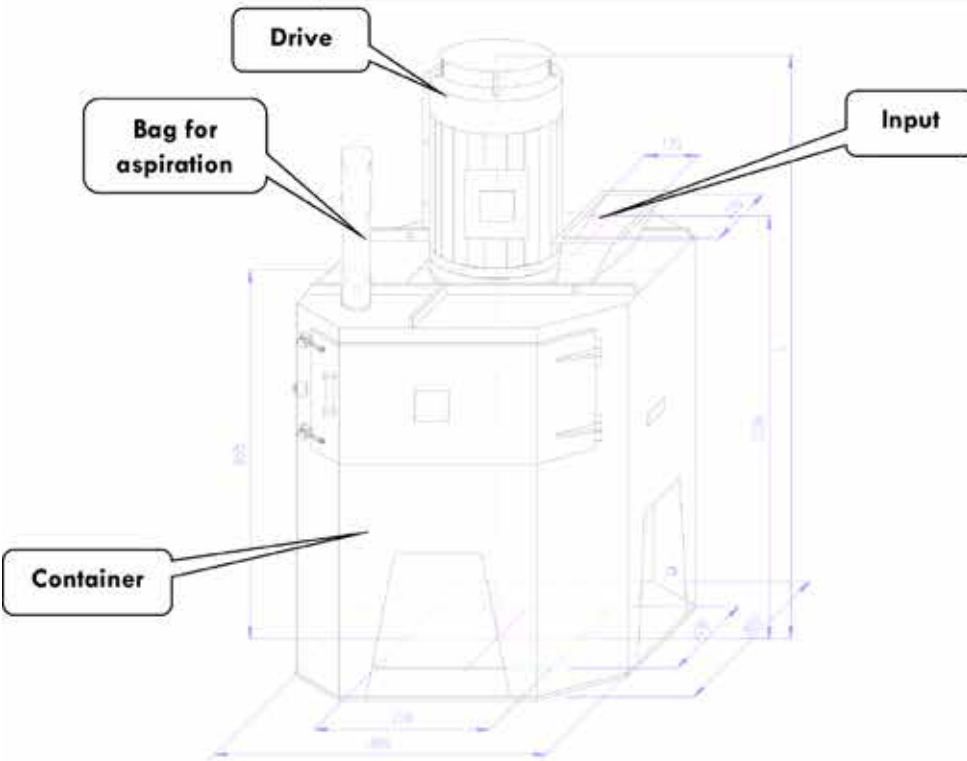
- cereals and frains for feed
- wood chips and wood waste
- straw
- residues of bricks
- bones (rendering plant)
- lumpy materials
- waste



| Data                                 |        | Unit | Model     |     |   |           |   |   |           |   |
|--------------------------------------|--------|------|-----------|-----|---|-----------|---|---|-----------|---|
|                                      |        |      | VM 4      |     |   | VM 5,5    |   |   | VM 7,5    |   |
| Basic dimensions                     | length | mm   | 800       |     |   | 800       |   |   | 800       |   |
|                                      | width  |      | 800       |     |   | 800       |   |   | 800       |   |
|                                      | height |      | 1245      |     |   | 1290      |   |   | 1290      |   |
| Weight                               | total  | kg   | 210       |     |   | 220       |   |   | 231       |   |
|                                      | drive  |      | 30        |     |   | 43        |   |   | 53        |   |
|                                      | rotor  |      | 8,7       |     |   | 8,7       |   |   | 8,6       |   |
| Type of drive                        |        | -    | 112 M     |     |   | 132 S     |   |   | 132 S     |   |
| Installed output                     |        | kW   | 4         |     |   | 5,5       |   |   | 7,5       |   |
| Specific current                     |        | A    | 7,8       |     |   | 10,3      |   |   | 13,8      |   |
| Specific RPM                         |        | rpm  | 2905      |     |   | 2925      |   |   | 2930      |   |
| Rotor diameter                       |        | mm   | 530       |     |   |           |   |   |           |   |
| Number of hammers                    |        | pcs  | 8         |     |   |           |   |   |           |   |
| Sieve inlet diameter                 |        | mm   | 2         | 2,5 | 3 | 3,5       | 4 | 5 | 6         | 8 |
| Efficiency (for wheat Ø3-4 mm sieve) |        | t/h  | 0,6 – 0,8 |     |   | 0,8 – 1,0 |   |   | 1,0 – 1,2 |   |



## Basic dimensions



| Wavelength | A (cm <sup>-1</sup> ) |
|------------|-----------------------|
| W 4        | 1535                  |
| W 9.5      | 1580                  |
| W 15       | 1580                  |