



# VERTICAL MILL

VM 37, VM 45, VM 55, VM 75, VM 90

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:

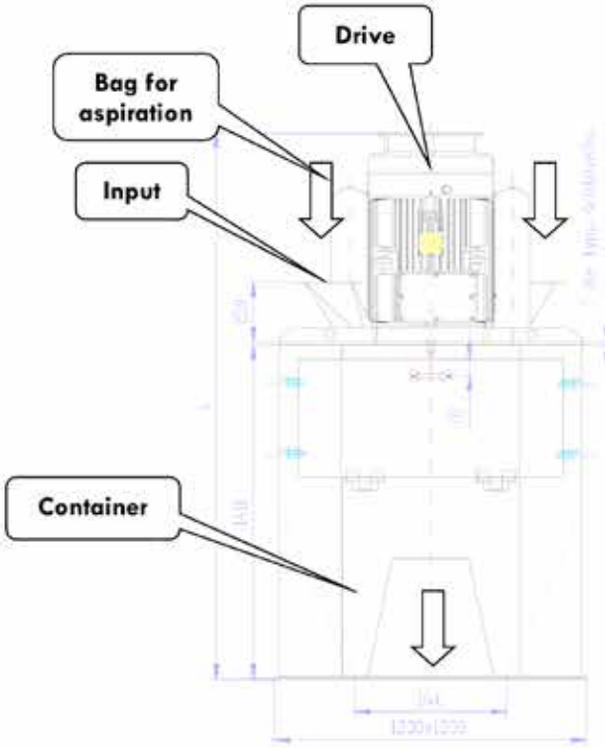
- cereals and frains for feed
- wood chips and wood waste
- straw
- residues of bricks
- bones (rendering plant)
- lumpy materials
- waste



Data		Unit	Model							
			VM 37	VM 45	VM 55	VM 75	VM 90			
Basic dimensions	length	mm	see Appendix							
	width									
	height									
Weight	total	kg	970	1 050	1 120	1 425	1 530			
	drive		300	385	460	535	580			
	rotor		28	28	35	36	77			
Type of drive	-	-	200 L	225 M	250 M	280 S	280 M			
Installed output	kW		37	45	55	75	90			
Specific current	A		65	79	96	130	154			
Specific RPM	rpm		2950	2960	2970	2975	2982			
Rotor diameter	mm		730							
Number of hammers	pcs		16	16	16	16	24			
Sieve inlet diameter	mm		2	2,5	3	3,5	4	5	6	8
Efficiency (for wheat Ø3-4 mm sieve)	t/h		4 - 6	6 - 8	7 - 10	9 - 13	10 - 15			



# Basic dimensions

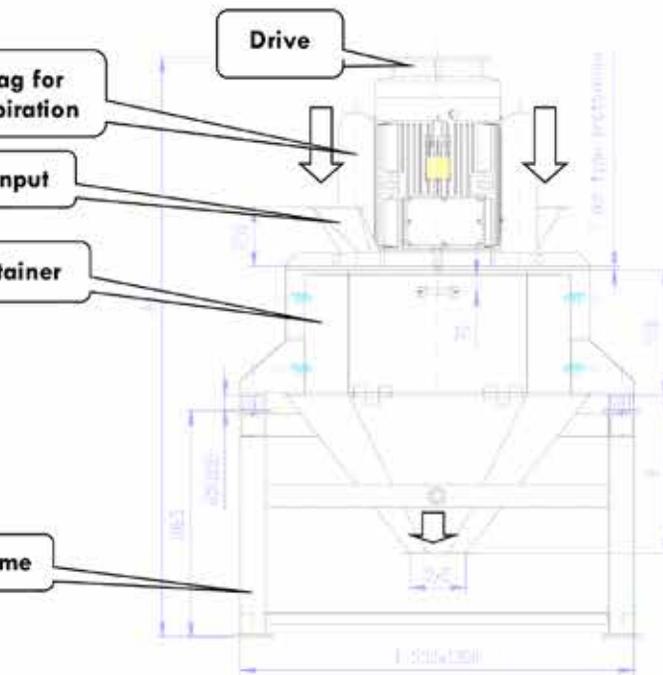


### PROJEKCI

Výhled do dnu

W x H	200	25	1000x1000
W x H	200	25	1000x1000
W x H	200	25	1000x1000
W x H	200	25	1000x1000
W x H	200	25	1000x1000
TP	4	1	1000

ROZMĚRY BRZDĚNÍ (DLE TP4)



### PROJEKCI

Výhled výšp

W x H	200	40	25	1000x1000
W x H	200	40	25	1000x1000
W x H	200	40	25	1000x1000
W x H	200	40	25	1000x1000
W x H	200	40	25	1000x1000
W x H	200	40	25	1000x1000
TP	4	1	1	1000

ROZMĚRY BRZDĚNÍ (DLE TP4)