



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

