

Ball Mill / Tube Mill

Performance Driven

Process Plants and Equipments for :
Paints, Resins, Minerals and Pigments



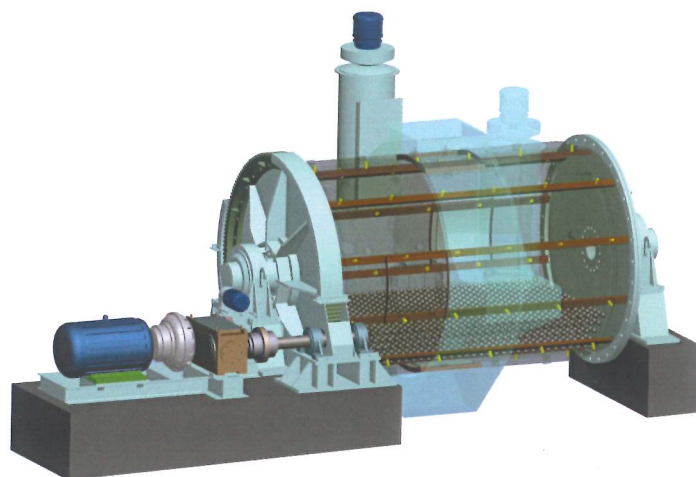


Ball mills manufactured by CHEMFILT, used in either batch or continuous mode of operations, are bench mark of industrial standards for its performance and efficiency.

Operating Principles

Ball mills operate by introducing the material to be milled into a rotating vessel which contains a grinding media. The material is ground by tumbling action of the mill drum.

Slow rotational speeds combined with simple and robust construction make them ideal for grinding hard and abrasive materials where continuity of services, low maintenance and minimum downtime are a necessity.



Standard Specification for Chemfilt Ball Mill

		Jackated Ball Mills			Ball Mills with Internal Lining		
		5 KL	10 KL	20 KL	5' x 10'	6' x 12'	7' x 14'
Shell Dia	mm	1800	1932	2650	1525	1829	2134
Shell Length	mm	2000	3250	3700	3050	3650	4268
Shell Thickness	mm	25	25	30	25	25	25
End Plate thikness	mm	36	36	40	36	36	36
Jacket thickness	mm	6	6	6	-	-	-
Material of construction		CS IS2062	CS IS2062	CS IS2062	CS IS2062	CS IS2062	CS IS2062
Motor Power	KW/HP	45 / 60	90 / 120	180 / 240	75 / 100	132 / 180	225 / 310
Bearbox	SEW	MC2PLSF02	MC2PLSF05	MC2PLSF08	MC2PLSF05	MC2PLSF08	MC2PLSF09
Fluid Coupling	Fluidomat	SMD8	SMD9	SMD10	SMD9	SMD10	SMD10
Ring Gear	No. of teeth	132	148	158	135	148	138
Pinion	No. of teeth	15	18	17	20	24	24
Speed	RPM	16	18	14	21	22	20
Main Bearing	Reputed	23140	23064	23064	23064	23064	23064
Media Charge	MT	5.5-6	10-12	21-22	9-10	5.5-6	12-14



Near new water tank of G.I.D.C., Phase-IV,
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