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Lead  
207.2

Pb



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# HAMMER MILL



# HAMMER MILL

**SCOPE:** Crushing of Lead-Acid Batteries to a suitable size fraction for further component separation

**TYPE:** Impact with 4 rows of oscillating hammers  
 Main Components:  
 - Feed chute  
 - Mill structure: main casing, armor plates, modular grate bar, inflatable rubber pad, mill supports, basement  
 - Rotor and drive unit: rotor with main shaft and 4 pins with swinging hammers; direct motor connection with flexible coupling, or hydraulic coupling, flywheel, self-aligning roller bearings  
 - Bearings lubrication : grease (size 800-1000) or oil forced circulation with cooler (size 1200 and above)  
 - Discharge chute

**MATERIAL:** Casing and chutes: stainless steel AISI 316 L  
 Hammers: cast duplex stainless alloy ASTM F50  
 Armor plates, breaking plate, grate bars: cast stainless alloy CF8M

Size	Capacity (t/h batteries)	Batteries Max. Diagonal (mm)	Installed Power (kW)	Weight (kg)
800	≤ 8	500	90	8.000
1000	>8 - 15	600	110	10.000
1200	> 15 - 30	800	160	15.000
1400	>30 - 40	800	200	18.000
1600	>40 - 60	1000	260	22.000



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