COMPACT IN SIZE
BIG ON PERFORMANCE

The TAURUS REDMILL line of hammer mills represents an all-new range of hammer mills characterized by advanced building techniques, which provide solidity and robustness previously found only in much larger shredders. All REDMILL hammer mills are built on their own solid frame which saves space, simplifies installation, and eliminates the need for building permits and expensive foundations. REDMILL's hammers shred scrap inside a Hardox reinforced rotor box, while interchangeable grids provide the optimal material size and density output. Material is moved downstream by a vibrating platform: a magnetic drum at the end separates ferrous from non ferrous material. Non ferrous material can be then moved to further (optional) sorting equipment to recover high value product. With increasing stricter environmental laws and continuosly higher demand from foundries for a cleaner, purer and denser product, the REDMILL line offers an ideal solution available to virtually all scrap yard owners. The TAURUS REDMILL line, in fact, meets these demands, delivering solid performance while still being compact in size. The price-performance ratio of the REDMILL hammer mills makes then possible to recover full value from different materials also in small and medium sized scrap yards.

TAURUS

RED LINE

C. E G. Srl

BLULINE | REDLINE | BLACKLINE

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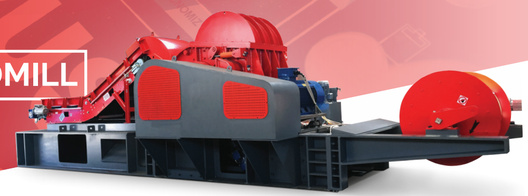
CHALLENGE ACCEPTED.

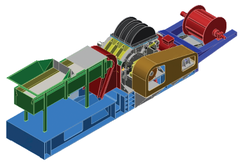
A NEW CLASS OF HAMMER MILL
FOR HIGHLY EFFICIENT METAL REFINING

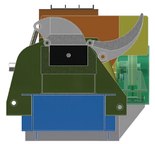
TAURUS REDMILL



RED LINE

All **TAURUS REDMILL** hammer mills come in a standard configuration, which includes the mill box, which processes the material, a conveyor-feeding system as well as a vibrating conveyor system to transport the shredded output material toward the magnetic drum separator. All components are mounted on a self-supporting base frame. As an option, all models (except for the M105J) are available with a squeezebox feeding system (patented) instead of the conveyor feeding system. The material to be shredded is loaded into the squeeze box by the curved preload wing, which functions like a preload hopper: with the preload wing in the upright position, the operator activates the compression flap, which compresses the material inside the squeeze box. The preload wing can now be lowered and loaded with new material to be processed.





Product Lines

		M105J	M106J	M116J
Feeding mouth dimension	mm	500 x 960	500 x 1200	500 x 1200
Grid internal diameter	mm	1000	1000	1140
Rotor useful length	mm	1060	1300	1300
Hammers	n	8	10	10
Electric Motor	kw	160/200	200/250	250/355
Vibrating plate for ferrous and non ferrous metal separation	mm	800 x 3000	1200 x 3000	1200 x 3000
Magnetic drum	mm	1000 x 1200	1200 x 1500	1200 x 1500
Indicative overall dimension	mm	12000 x 3000 x 3300	12000 x 3000 x 3300	12000 x 3000 x 3300
Indicative weight	t	60	75	80

Options: Metallic conveyor for ferrous - Metallic conveyor for non ferrous - Remote control - Pin Puller

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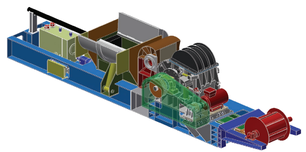
Current environmental laws and steel mill codes of practice penalize suppliers of scrap, light scrap and appliances not providing a clean product. The (justified) demand by mills that recyclers supply scrap free of pollutants, encourages more and more recyclers to deliver a higher quality product, with a visibly growing trend toward shredding and separating scrap before delivery. In a small/medium size operation, an effective shredding system should meet the recycler's requirements for operating space, personnel, installed power, production output, keeping operating costs as low as possible. Furthermore, it should fit within the reality of a modern scrap yard while guarantying a reliable supply of high quality raw material. Valuable ferrous and non ferrous metals can be reclaimed by shredding a variety of input material.



Product Lines

		M137J	M147J	M168J
Feeding mouth dimension	mm	650 x 1380	650 x 1380	650 x 1620
Grid internal diameter	mm	1350	1500	1650
Rotor useful length	mm	1540	1540	1830
Hammers	n	12	12	14
Electric Motor	kw	450/560	450/560	750/900
Vibrating plate for ferrous and non ferrous metal separation	mm	1200 x 4500	1200 x 4500	1500 x 4500
Magnetic drum	mm	1200 x 1500	1200 x 1500	1200 x 1500
Indicative overall dimension	mm	16000 x 6000 x 5000	16000 x 6000 x 6000	22000 x 8500 x 6000
Indicative weight	t	130	160	260

Options: Metallic conveyor for ferrous - Metallic conveyor for non ferrous - Remote control - Pin Puller

A NEW GENERATION **OF SHREDDERS**

Output

		M105J		M106J		M116J	
Kw		160	200	200	250	250	355
Collected scrap*	t/h	< 2	< 2.5	< 2.5	< 4.5	< 5	< 6
Scrap from incinerators (Fe 30÷65%)	t/h	< 1.5	< 2.5	< 3	< 4	< 5	< 6
Tins and cans	t/h	< 1.5	< 2.5	< 3	< 4	< 5	< 6
Household appliances and office furniture	t/h	< 2	< 2.5	< 2.5	< 4.5	< 5	< 6
Small appliances	t/h	< 0.7	< 1	< 1	< 2	< 3	< 4
Office equipment (fax, copier, phone)	t/h	< 0.5	< 1	< 1	< 2	< 2	< 4
Computers and electronic memory boards	t/h	< 1	< 2				
Electric motors max. 20 kg	t/h	< 3	< 4	< 5	< 6	< 7	< 10
Car engines and aluminium carter (thickness max. walls 30 mm)	t/h					< 7	< 10
Aluminium scrap	t/h	< 2	< 3	< 4	< 5	< 6	< 7
Pots and Pans	t/h	< 1.5	< 2.5	< 3	< 4	< 5	< 6

(*) Depending from the size of the grids used

Output

		M137J		M147J		M168J	
Kw		450	560	450	560	750	900
Collected scrap*	t/h	< 12	< 14	< 14	< 16	< 20	< 25
Tins and Cans	t/h	< 9	< 10	< 10	< 12	< 15	< 18
Household appliances and office furniture	t/h	< 12	< 15	< 12	< 16	< 18	< 25
Car bodies and car parts	t/h	< 12	< 14	< 14	< 16	< 20	< 25
Car engines and aluminium carter	t/h	< 12	< 14	< 12	< 16	< 18	< 25
Aluminium scrap	t/h	< 9	< 10	< 10	< 12	< 15	< 18
Pots and Pans	t/h	< 9	< 10	< 10	< 12	< 15	< 18

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