



废钢破碎生产线

SCRAP STEEL HAMMER SHREDDER RECYCLING LINE

废钢破碎机是一种用来处理废钢的破碎设备，主要用于报废小汽车、报废家电及轻薄废钢的破碎作业。经过废钢破碎机处理得到的破碎料密度高，纯度高，基本没什么杂质，钢厂等制造企业用破碎料重新熔炼成新产品时，单位能耗低，产量高，综合经济明显。废钢破碎机是公认的处理废钢的理想设备。

Scrap crusher is used to deal with scrap crushing equipment, mainly used for scrapped cars, scrapped appliances and crushed thin and light operations. After scrap crusher processing crushed material obtained high density, high purity, the basic no impurities, steel mills and other manufacturing enterprises to re-smelting broken material into new products, the unit low energy consumption, high output, comprehensive economy is obvious. Scrap crusher is recognized as the ideal equipment for processing scrap.



工作原理 WORKING PRINCIPLE

废钢破碎机核心原理就是利用锤头击打撕碎废钢。在高速大扭矩电机的驱动下，主机转子上的锤头轮流击打进入破碎腔内的待破碎物，通过衬板与锤头之间形成的空间，将待破碎物撕裂成合乎规格的破碎物。

The core principle of scrap crusher is to use the hammer to hit and shred scrap. Driven by the high-speed and high-torque motor, the hammer on the rotor of the host machine hits the to-be-crushed object in the crushing chamber in turns, and the to-be-crushed object is torn into a size-conforming crush through the space formed between the lining plate and the hammerhead Things.

工艺流程

PRODUCTION PROCESS

主要经过废钢破碎机进行破碎处理，在破碎时除尘器除去轻质物料以及粉尘，通过磁选设备把含铁为主的金属分离出来，通过涡电流分选机把有色金属和塑料分离出来。本系统全程采用PLC控制，动态实时监控。具有单位能耗低、处理量大、经济性好、维护成本低、处理效果好等特点。

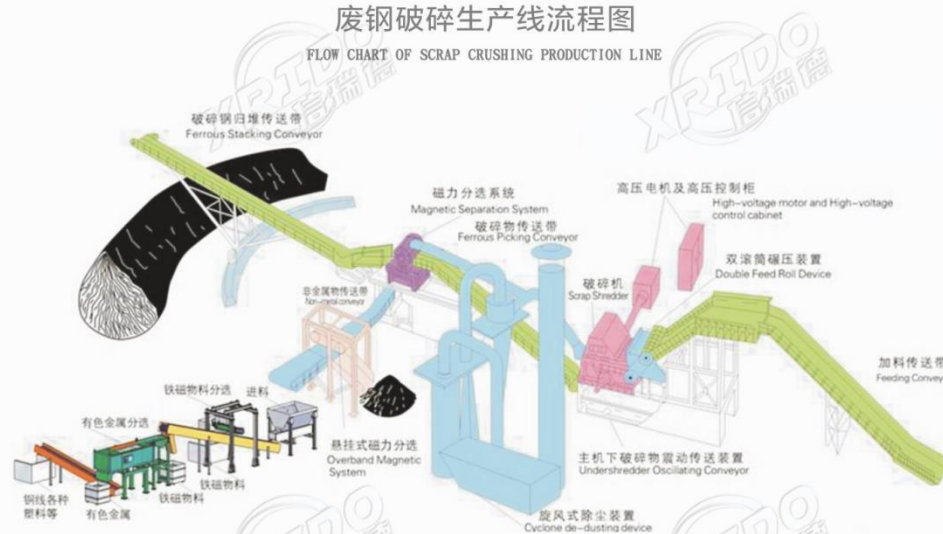
Mainly through the scrap crusher, remove light material and dust during crushing dust, through the magnetic separation equipment to separate the iron-based metal, through the eddy current separator to separate non-ferrous metals and plastics. The whole system using PLC control, dynamic real-time monitoring. With a unit of low energy consumption, large capacity, good economy, low maintenance costs, good treatment and so on.

解决方案图

SOLUTION FLOW

废钢破碎生产线流程图

FLOW CHART OF SCRAP CRUSHING PRODUCTION LINE



技术参数

TECHNICAL PARAMETER

型号 Model	电压 Voltage	功率 Power (kw)	产量 Capacity (t/h)	配置辅机 Support equipment
PSJ-140	380v	132	2-3	
PSJ-200	380v	200	3-5	
PSJ-280	380v	280	4-7	
PSJ-315	380v	315	5-8	
PSJ-450	380v	450	8-12	
PSJ-630	10kv	630	10-15	
PSJ-750	10kv	750	12-17	
PSJ-800	10kv	800	15-20	
PSJ-900	10kv	900	20-30	
1500Hp	10kv	1200	25-40	
2000Hp	10kv	1500	50-60	
3000Hp	10kv	2250	60-80	
4000Hp	10kv	3000	80-100	
6000Hp	10kv	4420	100-160	
8000Hp	10kv	6000	160-200	
10000Hp	10kv	7500	200-260	
				进料输送机 1条 Feed conveyor 1 set 出料输送机 1条 Discharging conveyor 1 set 输铁输送机 1条 Iron conveyor 1 set 杂质输送机 1条 Impurity conveyor 1 set 磁选系统 1套 Magnetic separation system 1 set 除尘系统 1套 Dust removal system 1 set 控制系统 1台 Cabinet control system 1 unit 智能可视系统 (选配) 1套 Intelligent visual system 1 set



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