



Mrecycling Machinery Co., Limited.

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Copper Wire Granulator Model 400



1. Basic configuration:

- 1). 400 type crusher 1 set.(18.5kW motor, 2 sets blades).
- 2). 1 set of crushed material feeding fan (3 kW).
- 3). 1 set of air-flow sorting shaker (1.5 kW), with 200 mesh screen.
- 4). 1 set of air suction / suction fan (3 kW).
- 5). 1 set of dust collection fan (1.5 kW). 1 set of dust collection box.
- 6). 1 set of bottom wind fans (3 kW).
- 7). 3pcs grinder screens (one each with a hole diameter of 3-4-5 mm).
- 8). 1 set of small vibrating screen for copper particles secondary sorting (0.18 kW, separable brass piece joint), 1 set of small vibrating screen for plastic particles secondary sorting (0.18 kW).
- 9). Total power: 30.86 kilowatts, size: 3.1 meters long * 1.8 meters wide * 2.55 meters high.
With 2 sets of small vibrating screens,
size: 3.1 meters long * 6 meters wide * 2.55 meters high.
Weight: about 1.8 tons.
- 10). Cable handling capacity: diameter 0.5mm-20mm wire.
 - a).For copper with a content of less than 35% (for example, tricycle / motorcycle scrap line), 100-250 kg per hour.
 - b).With copper content of 35% -55% (network cable as an example), 150-350 kg per hour.
 - c).For copper containing 55% -70% (for example, communication line / car line), 250-400 kg per hour.
 - d). For cable wire cross-sectional area over 1.5 mm², 350-450kg per hour.
The purity of copper particles was 99% , and the copper residue in plastic was three thousandths (3 ‰).

| 2.Alternate configuration: | Quantity | Remark : |
|---|----------|--|
| 400 type crusher 18.5 kW | 1 | |
| 400 type crusher screen | 1 | |
| Front shaker 0.18 kW | 1 | The copper particles are separated based on particle size, one wooden frame is sent. 2.03 meters long x 70 cm wide x 1 meter high. |
| After shaker 0.18 kW | 1 | Plastic particles are separated in size, and one wooden frame is sent. 2.03 meters long x 70 cm wide x 1 meter high. |
| Blades | 1 set | 4 fixed blades, 10 movable blades Can be customized according to customer requirements. |
| Vibrating screen | 1 | 600 mm wide x 1700 mm long, one wooden frame to send. |
| Air sorting screen | 2 | 90 cm wide by 130 cm long. |
| 800 type automatic knife sharpener (2.2 kW + 0.04 kW water pump) | 1 | 5 tablets with grinding wheel. |
| Magnetic separator (0.75 kW) | 1 | 35 cm wide and 1 meter long. |
| Raw material conveyor (2.2 kW) | 1 | 60 cm wide and 4 m long. |
| 1000 type electrostatic separator (3 + 0.04 + 3 + 1.5 + 0.55) 8.09 kilowatts | 1 | Contains 1 set of dust collection box and 10 dust removal bags. |
| Plastic particles to electrostatic conveyor (0.75 kW) | 1 | Optional 250 ----- 450 type conveyor belt. 250 mm wide by 3.2 meters long. |
| PLC control system | 1 | Optional, default is traditional control cabinet. |

Present by:

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THANKS!