

Up to 1000 kg/h



## POWERCAT B (PC B)

Modular cable recycling plant with an excellent price/performance ratio made for tough conditions with low investment costs at an overall low cost of ownership.

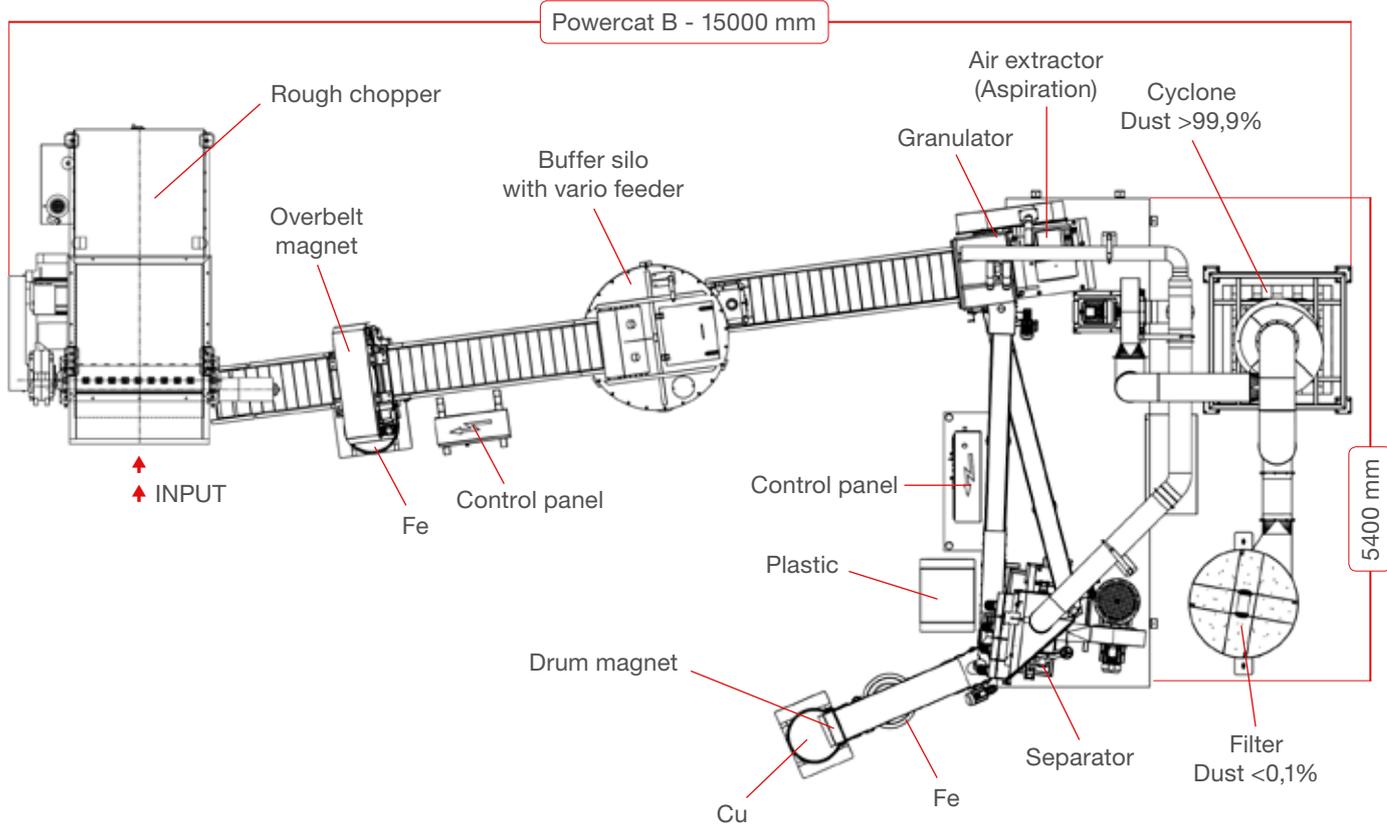
The Powercat B (PC B) has typically a capacity of up to 800 kg/h for cable with a Cu content of 50% (capacity depending on type of cable). It includes a 45 kW Rough Chopper equipped with hard metal knives that can process all types of dry cable up to diameter 120 mm with a length up to 1000 mm (containing steel up to diameter 2 mm).

- Suitable for all types of dry cable (up to 2 mm steel reinforcement)
- Cable coils and bundles can be fed into the Rough Chopper
- Cable diameter max. 120 mm, length max. 1000 mm
- Suitable for forklift or crane feeding
- Rough Chopper including hard metal knife system, hydraulic pusher, automatic buffer feeding
- Buffer Silo between Rough Chopper and Granulator, increasing overall capacity and ensuring efficient separation
- Granulators with wear plates of HARDOX
- Filter with a Pre-Cyclone improving working environment
- Copper and aluminum purity: minimum 99.5%

The PC B can be extended to a Turbo version by using a 45 kW Granulator, increasing the capacity up to 1000 kg/h for cable with a Cu content of 50% (capacity depending on type of cable).



# Powercat B



Technical Specifications Main machines	Powercat B	Powercat B Turbo	Dimensions Units (EN)
Rough chopper MRC45-1350 with hydraulic pusher	45	45	kW
Rotor knives	76	76	pcs
Fixed knives	4	4	pcs
Hopper volume	2	2	m <sup>3</sup>
Buffer silo with variable speed screw conveyor	2 x 1.5	2 x 1.5	kW
Volume	1.8	1.8	m <sup>2</sup>
Granulator GR37-500	37	-	kW
Granulator GR45-660	-	45	kW
Rotor knives	5	2 x 5	pcs
Fixed knives	2	2	pcs
Separator SE40 with electronic speed regulation, blower	0.55 + 3.0	0.55 + 3.0	kW
Deck area	0.4	0.4	m <sup>2</sup>
2 Conveyors with permanent magnet for steel free copper	2 x 0.33	2 x 0.33	kW
Air extractor (aspiration)	7,5	7,5	kW
Air amount	4500	4500	m <sup>3</sup> /h
Dust cyclone with rotary valve	0.55	0.55	kW
18 Filterbags, vibration motor	0.18	0.18	kW
Total installed power	108	116	kW
Weight, approx.	14.000	14.700	kg
Maximum infeed capacity*	800	1000	kg/h

\*Maximum infeed capacity is based on power cable with a copper content of 50%.  
Additional equipment for recovery of fines from the plastic is available on request.  
With reservation for technical alterations.

