

Turbo-Crusher QZ



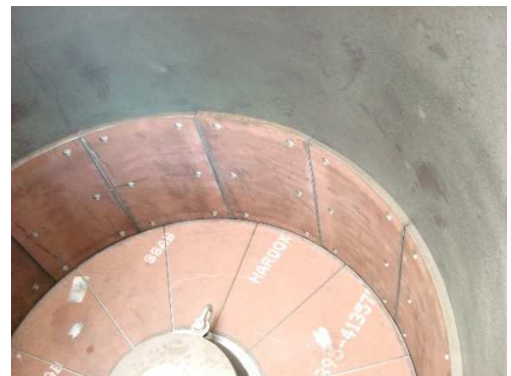
Turbo-Crusher Type QZ 1600

Die The first choice fort the recycling of fridges

The original QZ Turbo-Crusher is the state-of-the-art machine for the recycling of fridges and electronic waste. Instead of cutting tools the QZ uses movable chains for the size reduction and breaking of the input material. The advantages of this innovative system is the separation of harmful component – without destroying the component - and the low cost for wear parts.



Turbo-Crusher Typ QZ 1200



Easy to change wear plates out of wear resistance steel, at the housing and the bottom.



Technische Spezifikation

Type	Motor	Kettle ø	Outlet Opening	Dimension (L/W/H)	Weight
QZ 1200	90 kW	1200 mm	300 x 350 mm	2850 x 1800 x 2450 mm	approx. 5 t
QZ 1600	160 kW	1600 mm	320 x 400 mm	5200 x 3700 x 2800 mm	approx. 14 t
QZ 2000	250 kW	2000 mm	395 x 460 mm	5750 x 4550 x 3400 mm	approx. 23 t
QZ 2500	315kW	2540 mm	460 x 500 mm	6500 x 5000 x 3400 mm	approx. 30 t

Description:

Rotating chain elements hits and accelerates the input material. Breaking up of the material takes place by the turbulence within the machine. Due to the mechanical impact the material compound will be resolved. The different physical properties of the different materials results in different fractions. The length of the dwell time determined the shape and size of the output material. Control of the machine takes place by an operation panel at the control cabinet.

Areas of Application

The QZ Turbo-Crusher is used for a efficient and carefully disintegration of compound materials, even when processing compound material with lots of foreign materials. The QZ Cross-Flow-Crusher Is mainly used for the applications as follows:

- Electronic waste of any kind
- Fridges
- Aluminium compounds
- Plastic-metal compounds
- Biological waste
- Shavings
- Remnants from domestic waste
- Catalytic converter
- Compound materials
- Fibre reinforced plastics
- Etc.

All benefits at a glance

- Very quick and careful disintegration of compound material
- Kettle diameter between 1200 and 2500 mm available
- Reliable separation of the different fraction and harmful components
- High throughput capacity up to 17 t/hr (25 t/hr with biological waste)
- Drastically reduced wear parts cost
- Change of the chain tools within minutes
- Insensitive against contaminants
- Closed system
- Different mode of operation (batch or through feed -operation)
- Large flywheel

Material fractions:

Circuit boards, aluminium, copper, Steel, stainless steel, transformers, sheet metal parts, polyurethane, slag dust, lathe shavings, fibre reinforced plastics, biological waste, fridges, vacuum cleaner, washing machines, etc

