

# TURBO-CRUSHER TQZ

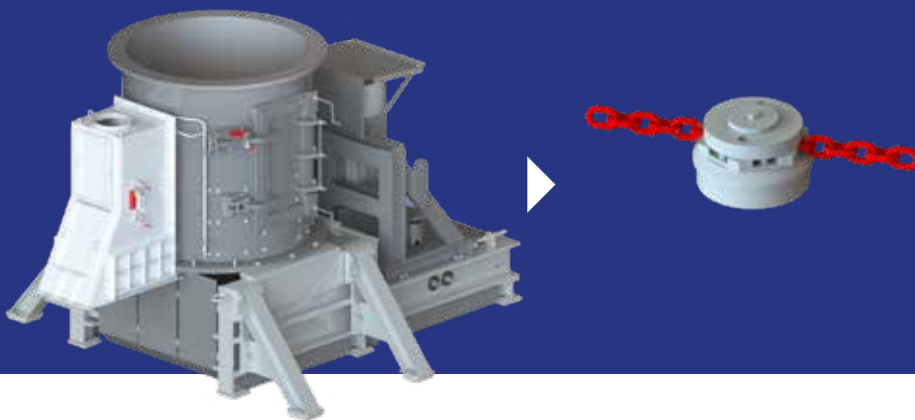
## THE FIRST CHOICE FOR THE RECYCLING OF FRIDGES

**COMPETENCE.  
DRIVE.  
RELIABILITY.**

The original TQZ Turbo-Crusher is the state-of-the-art machine for the recycling of fridges and electronic waste. Instead of cutting tools the TQZ 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.

### “RESISTANT TURBO-CRUSHER.”

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



INPUT ELECTRONIC WASTE



OUTPUT ELECTRONIC WASTE

### ALL BENEFITS AT A GLANCE

- Very quick and careful disintegration of compound material
- Reliable separation of the different fractions and harmful components
- High throughput capacity up to 17 t/hr (25 t/hr with biological waste)
- Drastically reduced wear part costs
- Change of the chain tools within minutes
- Insensitive against contaminants
- Closed system
- Different mode of operation (batch or through feed-operation)

### AREAS OF APPLICATION

- 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

## PROCESSED MATERIAL FRACTIONS

- Circuit boards
- aluminium
- copper
- steel
- stainless steel
- transformers
- sheet metal parts
- polyurethane
- slag dust
- lathe shavings
- fibre reinforced plastics
- biological waste

## TECHNICAL SPECIFICATION

Type	Infeed Opening	Rotor Speed	Power	Hydraulic Unit	Dimensions (l × w × h)	Weight
TQZ 900	Ø 900 mm	1200 1/min	75 kW	4 kW	2900 x 1800 x 1890 mm	ca. 4,5 t
TQZ 1200	Ø 1200 mm	900 1/min	90 kW	4 kW	3100 x 1800 x 2200 mm	ca. 5,6 t
TQZ 1600	Ø 1600 mm	700 1/min	160 kW	7,5 kW	5160 x 3660 x 2770 mm	ca. 15 t
TQZ 2000	Ø 2000 mm	600 1/min	250-315 kW	7,5 kW	5640 x 4490 x 3380 mm	ca. 23 t
TQZ 2500	Ø 2500 mm	500 1/min	315 kW	7,5 kW	6260 x 4990 x 3370 mm	ca. 28 t

