

## Screw Batch Chargers

A range of high quality water-cooled screw chargers are supplied for feed rates of up to 90 tonnes of batch per day. They can be used on conventionally fired or mixed melt furnaces.

- Water-cooled nose is manufactured from a high temperature resistant stainless steel, and is electrically isolated from the rest of the charger to prevent earth leakage faults on electric or boosted furnaces.
- Screw flight assembly consists of a stainless steel shaft with replaceable intermediate flights sections made from a wear resistant manganese steel, and an end flight to from a heat resistant alloy designed to withstand extreme temperatures.
- Speed variation is by means of a constant torque drive unit which provides variable control of screw speed. This enables high torque's to be maintained and minimal speeds without the motor stalling.
- All batch chargers conform to the latest European standards and directives, with all moving parts are fully guarded.

