



ALUMINIUM REMELT DRUM FURNACE

PERFORMANCE DATA

- MAX. TEMPERATURE UP TO CA. 1200°C
- DIRECT HEATING: NATURAL GAS/AIR/O₂ CONTINUOUSLY ADJUSTABLE
- ENERGY CONSUMPTION CA. 30-40NM³ NATURAL GAS/TONNE
- MELTING CAPACITY CA. 2.5 TONNES/HR.
- CAPACITY CA. 5.5 TONNES
- SPEED ADJUSTABLE FROM 0 TO 1.5 RPM;

BURN OFF VALUES

- SLIGHTLY CONTAMINATED SCRAP (1-2%) < 1.0%
- HEAVILY CONTAMINATED SCRAP 2.0 – 6.5%
 - FE(3 – 5%)
 - OTHER CONTAMINANTS (5-8%)

EMISSION DATA

	MEASURED VALUE	LIMIT (NF REGULATIONS)
CHLORINE COMPOUNDS AS HCL	15 MG/NM ³	30 MG/NM ³
FLUORINE COMPOUNDS AS HF	0.5 – 1.5 MG/NM ³	5 MG/NM ³
NITROGEN OXIDE NOX	250 MG/NM ³	500 MG/NM ³
SULPHUR DIOXIDE	100 MG/NM ³	300 MG/NM ³
ORGANIC CARBON	10-50 MG/NM ³	50 MG/NM ³
DUST	10 MG/NM ³	20 MG/NM ³

