

## **INDUTHERM Induction-Tilting-Furnaces TF1200/2000/4000**



Standard version



Version with tilting wheel, holder for shell moulds and spout on crucible

### **Major applications at customer's:**

- Die casting of voluminous parts like metal sculptures in sand moulds
- Die casting of big bars to send them as solid block to refineries
- Die casting of bullions in fine gold or Ag
- Die casting of blanks for rolling mills
- Die casting of anodes for plating appliances
- Melting of scrap and main sprues in factories and casting companies
- Melting of precious metal chips at cutting with diamonds, turning lathes or milling machines.

### **Available in 3 sizes:**

Type: TF 1200 - 1600 cm<sup>3</sup> ( only 1200 cm<sup>3</sup> should be used for 18 kg-liquid-18ct-Au )

Type: TF 2000 - 2400 cm<sup>3</sup> ( only 2000 cm<sup>3</sup> should be used for 29 kg-liquid-18ct-Au )

Type: TF 4000 - 4900 cm<sup>3</sup> ( only 4000 cm<sup>3</sup> should be used for 60 kg-liquid-18ct-Au )

**Generator power**

Type: TF 1200 - 15 kW (400 V 3 phase)

Type: TF 2000 - 25 kW (400 V 3 phase)

Type: TF 4000 - 30 kW (400 V 3 phase)

**Temperatures:**

1200°C with NiCr-Ni thermocouple

1500°C with RhPt-Pt thermocouple

**Recommended water chiller:**

Type: TF 1200 - 6,3 kW (400 v/3 phases)

Type: TF 2000 - 18 kW (400 v/3 phases)

Type: TF 4000 - 18 kW (400 v/3 phases)

Is also recommended in case of not high enough water pressure and inconstant Water flow.

**Dimensions**

700 x 600 x 1250 (wxdxh) mm

**weight**

160 kg approximate