

# GlobeHeat Datasheet : Product Code GHT 1102



## Product Description: 70kVA Mobile Heat Treatment Unit with Built-In P183 Six Channel Programmer

This 70kVA six control channel unit, utilises a built in P183 temperature controller/programmers, to provide power and temperature control of up to eighteen ceramic pad heating elements rated at 65V, 45A, 2.7kW. This controlled power is used for preheating or post weld heat treatment of pipe welds, fabrication welds and other fabrications requiring controlled heating.

## Applications

This unit has been designed and manufactured for use on site in a variety of global industrial environments or inside a workshop. The chassis trolley design enables the unit to be easily moved around in

## Features

- The front control panel includes:
  - \* one P183 six single channel controller/programmer
  - \* six type K thermocouple panel mounted input sockets
  - \* twelve 0V and 65V output , 300A, panel mounted twistlock sockets.
- The rear panel includes:
  - \* ventilation fan
  - \* moulded case circuit breaker (MCCB)
  - \* six type K panel mounted thermocouple output sockets for connection to external temperature recorder.
  - \* three 110V auxiliary sockets for supplying power to:
    - external temperature recorder
    - thermocouple attachment unit (TAU) for recharging.

Specification	
Primary Input Supply Voltage and Current	Three phase, 380V (106A), 415V (97A) or 440V (92A)
Frequency	50/60Hz
Secondary Output Voltage	65V a.c.
Transformer coil	50kVA Natural air cooled, class H.
Maximum total number of 2.7kW heating elements	Twenty four
Maximum 2.7 kW heaters per channel and per phase	Four per channel : Eight per phase.
Protection	Over temperature sensor in each winding and 3 phase MCCB with shunt trip.
Thermocouple Input and output	Type K (NiCr/NiAl)
Temperature Control	P183 six channel controller/programmer : Range: 0 to 1200° C
Supply Cable	5m x 4 core SY 16mm <sup>2</sup> flexible armoured cable.
Switching	Six, UK manufactured single pole 200A contactors.
Secondary 65V output connectors	Twelve 300A panel mounted twistlock sockets.
Auxiliary Outputs	Three 110V auxiliary sockets.
Case	Mild steel, blue powder coated. (stainless steel case available on request)
Dimensions (including wooden packing box)	123cm x 67cm x 108cm
Weight	410 kg
Design Standards	EMC: EN 61326: 1998, LVD: EN 61010-1: 2001

