

ISP Product Data Sheet

Product Code: GHT 1266SS

70kVA 18-Way Mobile Heat Treatment Unit



Description

This 70kVA eighteen way unit provides power and temperature control for up to eighteen ceramic pad heating elements rated at 80V, 45A, 3.6kW. This controlled power is used for preheating or post weld heat treatment of pipe welds, fabrication welds and other fabrications requiring controlled heating.

Heating control via an Advantage 3 Programmer / Controller on each channel, providing single channel or grouped control of up to 18 channels.

These units have 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 typical site conditions.

Front Panel Features

- + Each Channel consisting of an 'Advantage 3' Temperature programmers/controllers & Heat Output Indicators.
- + Main MCB and Primary input phase indicators

Rear Panel Features

- + Each Channel with Thermocouple Input and 2 x 60Amp Outputs, 0 & 42.5V, for connection of 40V Heating Elements.
- + 3 x 115V Auxiliary Power Sockets

Specification	Description
Primary Input Supply Voltage & Current	Three Phase, 480V (84A) 575V (73A)
Frequency	60Hz
Secondary Output Voltage	0 / 85V a.c
Transformer Coil	70kVA Natural Air Cooled, Class H.
Protection	Over Temperature Sensor in Each Winding & 3 Phase MCCB with Shunt Trip
Thermocouple Input & Output	Type K (NiCr/NiAl)
Temperature Control	Eighteen Advantage 3 Programmer/Controllers : Range 0 to 2200° F
Supply Cable	5m x 4 Core SY 25mm ² Flexible Armoured Cable
Switching	Thirty Six, Albright Double Single Pole 100A contactors
Secondary Output Connection	60A Panel Mounted Twistlock Sockets
Auxiliary Outputs	Three 110V Nema 5-15R Auxiliary Sockets
External Programmer connection	None
Casing	Stainless Steel
Dimensions (including wooden packing box)	702mm x *860mm x 1275mm (*including handle)
Weight	Approx 400kg* TBC
Design Standards	EMC: EN 61326: 1998, LVD: EN 61010-1: 2001