

ISP Product Data Sheet

Product Code: GHT 1121SS

70kVA 6-Way Mobile Heat Treatment Unit



Description

This 70kVA six way unit provides power and temperature control for up to eighteen ceramic pad heating elements rated at 80V, 45A, 3.6kW or 40V, 45A, 1.8kW. 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 6 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, 0-200 Amp Ammeters, Heat Output Indicators & Selector Switches.
- + Setpoint In & Setpoint Out Coms Ports
- + Each Channel with Thermocouple Input and 3 Power Outputs, 42.5 / 0 / 42.5V, for connection of 40V or 80V Heating Elements

Rear Panel Features

- + 3 x 115V Auxiliary Power Sockets
- + Main MCB and Primary input phase indicators
- + Multiplug for External Control

Specification	Description
Primary Input Supply Voltage & Current	Three phase, 480V (84A) 575V (73A)
Frequency	60Hz
Secondary Output Voltage	42.5 / 0 / 42.5V 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	Six Advantage 3 Programmer/Controllers : Range 0 to 2200° F
Supply Cable	16FT x 4 core SY 25mm ² flexible armoured cable
Switching	Six, Albright Double Pole 200A contactors
Secondary Output Connection	300A Panel Mounted Twistlock Sockets
Auxiliary Outputs	Three 110V Nema 5-15R Auxiliary Sockets
External Programmer connection	Multiplug Connection
Casing	Stainless Steel
Dimensions (including wooden packing box)	*43" x 24" x 36" (*including handle)
Weight	Approx 850LBS
Design Standards	EMC: EN 61326: 1998, LVD: EN 61010-1: 2001