

Branson™ GPX Handunit



Welding solution for complex and delicate parts

The PulseStaker is a heat staking technology which provides instantaneous heating and cooling. PulseStaker provides high levels of safety, consistent product quality and delivers significant energy savings. PulseStaker technology can be implemented in varying levels of sophistication according to customer requirements.

GPX Handunit

Product Platform	Global
Mechanical	
Overall dimensions*	155mm W x 283 mm H x 497 mm D
Weight (approx. Value depends on options)	20kg
Maximum number of transformers	1
Welding system	
Maximum number of welding tips	2 (depending on option either 1 or 2)
Quick Connect	Handgrip with tip is on quick release connector from main unit
Hand operation Controls	
User interface	HMI/ 4" Siemens colour screen display
Control	Siemens PLC
Handgrip Start Button	Cycle starts when push button on handgrip is pressed
Integrated System Controls	
User interface	HMI/ 4" Siemens colour screen display
Control	Siemens PLC
Interface connection -1 start signal (input)	24V DC signal to be used via an external voltage free contact
Interface connection -2 in-cycle signal (output)	
Interface Connection -3 tip-up signal (output)	

(continued on back)





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Machine Enclosure	
Noise emission EN ISO 11202	80 dB(A)
Standard color	RAL7035
Connection	
Required air purity (particulate/water/oil)	Class 7:4:4 according to ISO 8573-1:2001
Pneumatical/input air pressure	6mm pipe 6 bar
Electrical	230V (5 Amp max.)
Notes	
Cable	Tip and handgrip are supplied with 2m cable from handunit
Ambient Conditions	
Temperature	Min. +15°C, Max. +35°
Humidity (no condensation)	Max. 80%

* Dimensions can vary due to switches, pneumatic input unit, rubber elements, tolerances, and other options.

** Slightly higher weights possible.

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