



HSP CATALOGE

Equipment and accessories
for heat treatment and stress
relieving on welding

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Company Introduction

Hamedsoft Company manufactures Thermal equipment in numerous industries including power generation and oil and gas industries. The company produces stress-relieving (PWHT) and preheating devices since 2004 with the technical code named HSP.

The variety of our products is so vast to attempt to meet the needs of industry in this area. There are numerous choices to opt your own product depends on channels count, output type and also output voltage type.

Referring to channels count, you can choose from light and small one channel machine to huge and heavy 24 channels machine.

Additionally output voltage can be fixed or variable or output type can choose from electrician switches like SSR or SCR or choose mechanic switch like contactor.

The internal thermometry laboratory, for thermocouples and recorders calibration, allows to fully satisfy the quality and accuracy requirements of the most qualified machine for our customers.

Hamedsoft products passed the hardest world standards. Moreover stamped Rohs on our products means it is completely environment friendly.



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HSP MODELS AND INFORMATION



Table.1

A	Output channels count
1, 3, 6, 12	

Table.2

BCD	Machine power
8	8 kw, only available for HSP1
16	16 kw, only available for HSP1
25	25 kw, only available for HSP3
50	50 kw, available for HSP3 and HSP6
75	75kw, available for HSP6 and HSP12
100	100kw, available for HSP6 and HSP12
150	150kw, only available for HSP12
0220	Available on all products (without transformer)
0380	Available on all products (without transformer)

Table.3

EF	Output kind
C	Contactator
S	SSR Switches
V	SCR, Power regulator, Maximum output voltage is 220V
C+	Contactator, can swap between 220V and 380V
V+	SCR, Power regulator, Maximum output voltage is 380V

Comment.1

/G	Additional Input Count
	<p>Usually input channels are equal with output channels but in some case operators need more input count. This is completely optional but you can add up to 200 TCs for any devices.</p> <p>For example in the 6 channels PWHT machine coded HSP6-100-C/12 have 12 channels input more than its 6 channels input.</p>

HSP MODELS AND INFORMATION

One channel PWHT unit

Technical Code	Unit Power	Power Source	Output Voltage	Maximum elements can connect to one channel	Maximum Power for each channel	Output Type
HSP1-7-C	7KW	1 PH 220V	60 V	2 elements	7.1 KW	Contactactor
HSP1-7-S	7KW	1 PH 220V	60V	2 elements	7.1 KW	SSR
HSP1-7-V	7KW	1 PH 220V	0~60V	2 elements	7.1 KW	SCR
HSP1-14-C	14KW	3 PH 380V	60V	4 elements	13.2 KW	Contactactor
HSP1-14-S	14KW	3 PH 380V	60V	4 elements	13.2 KW	SSR
HSP1-14-V	14KW	3 PH 380V	0~60V	4 elements	13.2 KW	SCR
HSP1-0220-C	10KW	1 PH 220V	220V	4 elements	10 KW	Contactactor
HSP1-0380-C	10KW	3 PH 380V	220V	4 elements	10 KW	Contactactor
HSP1-0380-C+	20KW	3 PH 380V	220V	4 or 7 elements	20 KW	Contactactor
HSP1-0220-V	10KW	1 PH 220V	0~220V	4 elements	10 KW	SCR
HSP1-0380-V+	20KW	3 PH 380V	0~380V	7 elements	20 KW	SCR

HSP MODELS AND INFORMATION

Three Channels PWHT unit

Technical Code	Unit Power	Power Source	Output Voltage	Maximum elements can connect to one channel	Maximum Power for each channel	Output Type
HSP3-22-C	22 KW	3 PH 380 V	60 V	2 Elements	7.1 KW	Contactor
HSP3-22-S	22 KW	3 PH 380 V	60 V	2 Elements	7.1 KW	SSR
HSP3-22-V	22 KW	3 PH 380 V	0 ~ 60 V	2 Elements	7.1 KW	SCR
HSP3-25-C	25 KW	3 PH 380 V	65 V	2 Elements	7.5 KW	Contactor
HSP3-25-S	25 KW	3 PH 380 V	65 V	2 Elements	7.5 KW	SSR
HSP3-25-V	25 KW	3 PH 380 V	0 ~ 65 V	2 Elements	7.5 KW	SCR
HSP3-40-C	40 KW	3 PH 380 V	60 V	4 Elements	13.2 KW	Contactor
HSP3-40-S	40 KW	3 PH 380 V	60 V	4 Elements	13.2 KW	SSR
HSP3-40-V	40 KW	3 PH 380 V	0 ~ 60 V	4 Elements	13.2 KW	SCR
HSP3-0220-C	30 KW	1 PH 220 V	220 V	4 Elements	10 KW	Contactor
HSP3-0380-C	30 KW	3 PH 380 V	220 V	4 Elements	10 KW	Contactor
HSP3-0380-C+	60 KW	3 PH 380 V	220 V 380 V	4 Elements 7 Elements	20 KW	Contactor
HSP3-0220-V	30 KW	1 PH 220 V	0 ~ 220 V	4 Elements	10 KW	SCR
HSP3-0380-V	30 KW	3 PH 380 V	0 ~ 220 V	4 Elements	10 KW	SCR
HSP3-0380-V+	60 KW	3 PH 380 V	0 ~ 380 V	8 Elements	10 KW	SCR

HSP MODELS AND INFORMATION

Six Channels PWHT unit

Technical Code	Unit Power	Power Source	Output Voltage	Maximum elements can connect to one channel	Maximum Power for each channel	Output Type
HSP6-45-C	45 KW	3 PH - 380 V	60 V	2 Elements	7.1 KW	Contactator
HSP6-45-S	45 KW	3 PH - 380 V	60 V	2 Elements	7.1 KW	SSR
HSP6-45-V	45 KW	3 PH - 380 V	0 ~ 60 V	2 Elements	7.1 KW	SCR
HSP6-50-C	50 KW	3 PH - 380 V	65 V	2 Elements	7.5 KW	Contactator
HSP6-50-S	50 KW	3 PH - 380 V	65 V	2 Elements	7.5 KW	SSR
HSP6-50-V	50 KW	3 PH - 380 V	0 ~ 65 V	2 Elements	7.5 KW	SCR
HSP6-100-C	100 KW	3 PH - 380 V	60 V	4 Elements	14 KW	Contactator
HSP6-100-S	100 KW	3 PH - 380 V	60 V	4 Elements	14 KW	SSR
HSP6-100-V	100 KW	3 PH - 380 V	0 ~ 60 V	4 Elements	14 KW	SCR
HSP6-0220-C	60 KW	1 PH - 220 V	220 V	4 Elements	10 KW	Contactator
HSP6-0380-C	60 KW	3 PH - 380 V	220 V	4 Elements	10 KW	Contactator
HSP6-0380-C+	120 KW	3 PH - 380 V	220 V 380 V	4 Elements 7 Elements	20 KW	Contactator
HSP6-0220-V	60 KW	1 PH - 220 V	0 ~ 220 V	4 Elements	10 KW	SCR
HSP6-0380-V	60 KW	3 PH - 380 V	0 ~ 220 V	4 Elements	10 KW	SCR
HSP6-0380-V+	120 KW	3 PH - 380 V	0 ~ 380 V	8 Elements	10 KW	SCR

HSP MODELS AND INFORMATION

Twelve Channels PWHT unit

Technical Code	Unit Power	Power Source	Output Voltage	Maximum elements can connect to one channel	Maximum Power for each channel	Output Type
HSP12-85-C	85 KW	3 PH - 380 V	60 V	2 Elements	7.1 KW	Contactora
HSP12-85-S	85 KW	3 PH - 380 V	60 V	2 Elements	7.1 KW	SSR
HSP12-100-C	100 KW	3 PH - 380 V	65 V	2 Elements	7.5 KW	Contactora
HSP12-100-S	100 KW	3 PH - 380 V	65 V	2 Elements	7.5 KW	SSR
HSP12-140-C	140 KW	3 PH - 380 V	60 V	4 Elements	11 KW	Contactora
HSP12-140-S	140 KW	3 PH - 380 V	60 V	4 Elements	11 KW	SSR
HSP12-0220-C	120 KW	1 PH - 220 V	220 V	4 Elements	10 KW	Contactora
HSP12-0380-C	120 KW	3 PH - 380 V	220 V	4 Elements	10 KW	Contactora
HSP12-0380-C+	120 KW	3 PH - 380 V	220 V 380 V	4 Elements 7 Elements	20 KW	Contactora
HSP12-0220-V	120 KW	1 PH - 220 V	0 ~ 220 V	4 Elements	10 KW	SCR
HSP12-0380-V	120 KW	3 PH - 380 V	0 ~ 220 V	4 Elements	10 KW	SCR
HSP12-0380-V+	240 KW	3 PH - 380 V	0 ~ 380 V	8 Elements	10 KW	SCR

