

# Mobile Hearth Furnace - Electric

## PadeltTherm HEU 9196/700



stock-no.:	1401063
type of machine:	Mobile Hearth Furnace - Electric
make:	PadeltTherm
type:	HEU 9196/700
year of manufacture:	2012
type of control:	NC
country of origin:	Germany
storage location:	Flanschenwerk
delivery time:	immediately
freight basis:	EXW, free on truck unpacked
price:	on request



### technical details

max. temperature:	Grad
size of opening:	mm
depth of chamber:	mm
max. temperature:	700° - übliche Temperatur: 400 - 650°C Grad
size of opening:	B: ca. 2200 x T: ca. 3800 x H: ca.1100 mm
program control:	Siemens S7/300 IM 151-7
interface:	Ethernet
container volume:	Ofen-Volumen: 9,2 m <sup>3</sup> l
control voltage:	24 / 230 Volt
current type:	1P/PEN; 50 Hz
Voltage:	400 V
elect. connected power requirement of heater:	3 x 3 x 21 kW = 189 kW
flow rate:	3 x ca. 9.000 = 27.000 m <sup>3</sup> /h
weight of the machine ca.:	t
dimensions of the machine approx. HxWxD:	ca. 3.9 x 3.8x 4.8 m
dimensions electric cabinet:	ca. B: 2.400 x T: 400 x H: 2.000 mm

### additional information

Electric annealing furnace whose housing is made of profiled sheet steel and lined with lightweight refractory bricks/chamotte bricks.

Application/processes: mainly annealing of low and high alloyed wooden cylinders (e.g. alloyed grey cast iron)

Usage weight usually 5000kg max. 8000kg

The parts are placed directly crosswise on the bogie hearth/grate in the flow device. (Height above floor approx. 750mm without grate)

Heating integrated in furnace ceiling

Circulation fans (3 pieces compact fans) at furnace side wall, 3 x 4,0 kW = 12,0 kW

Forced cooling (1 cooling air fan)

Program control via 25 programs with 50 program sections per program

Oven door/lift door with SWE gear motor approx. 2.2 kW (frequency controlled)

Bogie hearth drive approx. 3.0 kW SEW gear motor (frequency controlled)