

# 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:	Leipzig 2
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 m³ 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 m³/h
weight of the machine ca.:	8,0 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
transport dimensions LxWxH:	ca. 5,2 x 3,6 x 2,9 m

### additional information

Electrically heated circulation oven

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

Application/processes: mainly annealing of low-alloy and high-alloy wood cylinders (e.g. alloyed gray cast iron)

Usual operating weight 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 oven ceiling

Circulation fan (3 compact fans) on oven 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/lifting door with SWE gear motor approx. 2.2 kW (frequency-controlled)

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

incl. center rail (chain drag)

used, good condition