INTRODUCTION :
The Electric Resistance Heating is the least expensive way to change electricity into heat in any metallic object. In a furnace, the entire furnace has to be heated, the elements have to be heated, which in turn many times heat a muffle which in turn heats the part in which heat is desired. Resistance heating is a more direct method of producing heat only in the object in which heat is needed.

APPLICATION :
Just a few of the applications would be; wire drawing, extruding, warm or hot heading, brazing, forging, upsetting, roll parts, heat treating, heating strip stock for shearing, for forming, drawing and rolling, soldering and general purpose heating.

TECHNICAL DATA :
Following are the specifications of the pneumatically operated ECONOTHERM HEATERS.

Continuous Wire Heater

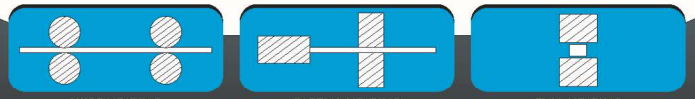
Model : TWH

KVA Range : Up to 100 KVA

Application : Wire Drawing, Extruding, Warm Wire Feeding to Automatic Wire Products Manufacturing Machine

	MODEL	UNITS	TBH-25	TBH-50	TBH-100	TBH-250
PRIMARY/POWER SUPPLY	Supply Voltage at 1 ph. 50 Hz.	V	415	415	415	415
	Input power at Max. current	KVA	25	50	100	250
	Switch Fuse	A	80	150	300	650
	Current taps	No.	6	6	8	8
OPERATIVE SIZE/GENERAL	Duty cycle	%	100	100	100	100
	Insulation class		F	F	F	F
	Cooling		FORCED AIR COOLED			
	Operative mechanism		Pneumatic			
	Range of bar/stock to be heated	mm	Dia. 10-20	Dia. 16-25	Dia. 20-40	Dia. 25-63
	Heating time	secs.	0-120	0-120	0-120	0-180
	Air pressure required	kg/cm^2	4-6	4-6	6-8	6-8
	Cooling water at 2.5kg/cm^2	liters/min	16	25	35	50
ADVANTAGES	Cable cross section in copper	mm2	2x20	2x40	2x80	2x200

- Lower energy consumption
- Immediate start of heating operation
- Low scale formation
- No decarburization of the skin
- Good soaking of the bars
- Compact design, smaller outer dimension
- No foundations required
- No pollution
- Shorter heating time with high temperature precision



WIRE HEATING | PARTIAL HEATING | FULL HEATING

Note : The information and illustration in this catalogue are subject to alterations due to constant endervour to update and design

KEJE-THE INNOVATIVE PEOPLE

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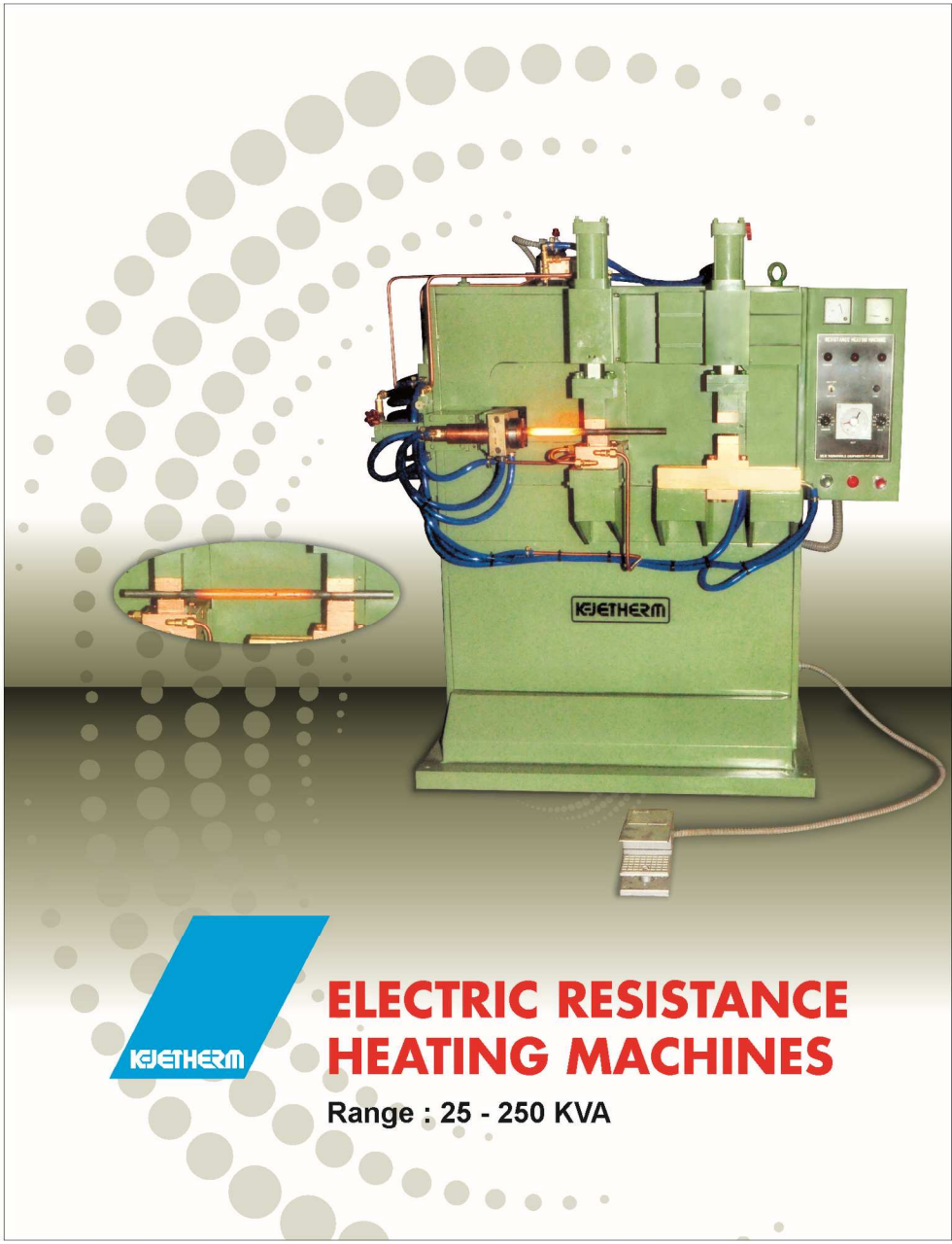

KJETHERM

ELECTRIC RESISTANCE HEATING MACHINES

Range : 25 - 250 KVA