

# SPECTRUM DIE HEATERS

## TL & DF DIE HEATERS

QUALITY | RELIABILITY | LIFE CYCLE ECONOMICS

**EVEN HEAT.  
FAST START UP.  
CLEAN AND SAFE.**

### Spectrum Die Heaters

Spectrum Die Heaters provide the forging and die casting industries with a potent, cost-efficient solution for die preheating. By utilizing electric infrared technology, our heaters ensure that dies are quickly and evenly heated throughout the production process. This method reduces die preheating times, saves energy and improves production quality. These heaters can also effectively preheat machinery and tooling such as rods and rams.



Pictured:  
Spectrum 18kW DF Die Heater.

#### TL Die Heaters

9kw to 57.5kw heat output  
240V or 480V  
Optional Grip Handle (Part No. GH-6)

#### DF Die Heaters

9kw to 57.5kw heat output  
240V or 480V  
Side Handles and Frame Rod Weldment  
Optional Grip Handle (Part No. GH-6)

### Features and Benefits

- Uniform Heat- prevents hot spots.
- Clean- no by product of combustion to contaminate die surfaces, no fumes.
- Bi-Directional- allows for simultaneous heating of multiple dies.
- Rugged Construction- 14 gauge plated steel structural components are resistant to heat-induced distortion.
- Modular Design- parts are easily replaced with just a screwdriver and wrench.
- Versatile- heaters can be operated independently or grouped together on larger dies.
- Customizable- our in-house engineers and technicians can design a die heater to meet your needs.

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### Optional Equipment

- **Control Systems-** A percentage input timer is used to control the on/off cycle and a control dial is calibrated from 0% to 100% for controlling heat output.
- **Cable (Part No. CABLE124)-** Spectrum die heaters can be shipped with hookup cable to make it easier to have an out-of-the-box kit with complete hardware and wiring for immediate assembly and operation. (You only need to provide the electrical drop for power.)

### TL Die Heater Selection Guide

Part Number	kW	Side Handles	Dimensions
TL-(V)-9	9	No	25.46" × 19.38" × 4.7"
TL-(V)-13.5	13.5	No	25.46" × 26.00" × 4.7"
TL-(V)-18	18	No	25.46" × 31.38" × 4.7"
TL-(V)-30	30	No	37.46" × 31.38" × 4.7"
TL-(V)-40	40	No	37.46" × 39.38" × 4.7"
TL-(V)-57.5	57	No	37.46" × 53.38" × 4.7"

To determine a specific part number, replace (V) with the desired voltage from those listed in the table below:

#### VOLTAGE (V)

TL	240	480
DF	240	480

### DF Die Heater Selection Guide

Part Number	kW	Side Handles	Dimensions
DF-(V)-9	9	Yes	25.46" × 19.38" × 4.7"
DF-(V)-13.5	13.5	Yes	25.46" × 26.00" × 4.7"
DF-(V)-18	18	Yes	25.46" × 31.38" × 4.7"
DF-(V)-30	30	Yes	37.46" × 31.38" × 4.7"
DF-(V)-40	40	Yes	37.46" × 39.38" × 4.7"
DF-(V)-57.5	57	Yes	37.46" × 53.38" × 4.7"

Call 800-605-9818 for more information.