



**THERMAL<sup>®</sup>  
TECHNOLOGY**

**THERMAL<sup>®</sup>  
TECHNOLOGY**

**CARBON FIBER TYREWARMER**

*2017 Catalog*



*Thermal Technology  
was born in 2001 using  
**carbon fiber as resistive element.***

After many tests and studies, Thermal Technology decides to try the use of carbon as an heating element which builds electric blankets, this is used for the heating in competition motorbikes' tyres.

Due to the excellent results obtained at the end of 2003, Thermal Technology builds the first production line for electric blankets in the industrial and racing field, becoming technical partner of top Champion teams.

In 2004, Thermal Technology becomes supplier of a famous Formula One Championship Team.

In 2005 Thermal Technology applies the heating tech-

nology in the residential use environment.

These applications bring the company to a wide development of products. Nowadays products' catalogue in the housing field is wide and it gains an important role in the company business.

The applications in the Racing field have never been leaved apart, the collaboration with top worldwide Championship teams have always been taken in great consideration.

Nowadays there are important synergies with the teams in all categories: from MotoGP to Moto2, from Moto3 to National and International Superbikes.

Thermal Technology racing products are now developed and distributed from Rimatek, an Italian company specialized in the realization of heating elements for both Racing and Industrial fields.



**THE FIRST  
TYREWARMER  
WITH CARBON  
FIBER**



Motorcycle  
tyrewarmer  
Race line

# Tyrewarmer

Technology for race bikers and professional teams.



Electric blankets are essential in every level of motorbikes' competition.

They are also essential for amateur use because tyres need to warm up for granting the best grip and also because the preheating makes the tyres last for a long time.

Aspar Team's Honda MotoGP, Yamaha of Forward

Team in MotoGP, Athena Racing and Ducati's Barni Racing, BMW Motorrad SBK Team's BMW, Team Yamaha Milwaukee's R1 and many more: all of them use Thermal Technology electric blankets.

The carbon fiber used technology is the same for amateur products and for teams' products.



## Specifications

Evolution of the top model range.  
Rim integrated in the tyrewarmer.

- Dual zone heating control zone
- Integrated rim heater
- Heating regulation with integrated electronic controller
- Setpoint range 0- 120°C
- Unflamable external fabric nomex
- Insulation with reflective layer
- Unflamable internal fabric nomex
- Heating element with transversal and longitudinal shape

## Size

- L** 180
- XL** 190/200
- XXL** > 205

\* S and M size on request

\* Colors and personalization on request

## Colors





### Specifications

Maximum level model used from Worldwide Championship teams.

- Dual zone heating control zone
- Heating regulation with integrated electronic controller
- Setpoint range 0- 120°C
- Unflamable external fabric nomex
- Insulation with reflective layer
- Unflamable internal fabric nomex
- Heating element with trasversal and longitudinal shape

### Size

- L** 180
- XL** 190/200
- XXL** > 205

\* S and M size on request

\* Colors and personalization on request

### Colors



### Specifications

Simple and Integrated Electronic management.

- Heating regulation with integrated electronic controller
- Setpoint selectable 50/90/110°C
- Flame retardant external fabric
- Insulation with reflective layer
- Heating element with trasversal and longitudinal shape
- Unflamable internal fabric nomex
- Neoprene elastastic skirt

### Size

- S** 120
- M** 160
- L** 180
- XL** 190/200
- XXL** > 205

\* Colors and personalization on request

### Colors





**PRO**

### Specifications

Well-built for professional use and for fixed temperature.

- Heating regulation with bimetallic thermostat 85°C
- Poliester external fabric
- Insulation with reflective layer
- Heating element with trasversal and longitudinal shape
- Unflamable internal fabric nomex
- Neoprene elestastic skirt

### Size

- S** 120
- M** 160
- L** 180
- XL** 190/200
- XXL** > 205

\* Colors and personalization on request

### Colors



**PERFORMANCE**

### Specifications

The best relationship between quality and price.

- Heating regulation with bimetallic thermostat 85°C
- Nylon external fabric
- Insulation with reflective layer
- Heating element with trasversal and longitudinal shape
- Cotton internal fabric
- Elastic cord on skirt

### Size

- XXXS** Ø 6,5"
- XXS** Ø 10"
- XS** Ø 12"
- H** Ø 18"
- S** 120
- M** 160
- L** 180
- XL** 190/200
- XXL** > 205

### Colors





### Specifications

Modern colors on a tyrewarmer for your track days.

- Heating regulation with bimetallic thermostat 85°C
- Cotton/poliester external fabric
- Insulation with reflective layer
- Heating element with trasversal shape
- Cotton internal fabric
- Fluorescent elastic skirt

### Size

**L** 180  
**XL** 190/200

### Colors



### Specifications

Easy and functional.

- Heating regulation with bimetallic thermostat 85°C
- Poliester external fabric
- Insulation with reflective layer
- Heating element with trasversal shape
- Cotton internal fabric

### Size

**One size**

### Colors



# Accessories



## HEAT RIMS



### Specifications

- Heat rims color black
- One size

## SUN-WIND PROTECTION



### Specifications

- Wind-stopper front and rear Moto 3
- Wind-stopper front and rear MotoGP-SBK-Moto2
- Tank cover for sun protection

## TIRE RACK



### Specifications

- Aluminium Tyre-Rack, easy disassembled, including transport bag, central canal wired with No. 10 of 220V sockets
- Aluminium Tyre-Rack, easy disassembled, including transport bag and comes pre-wired for No. 5 pairs of wheels with integrated electronic controller





## ELECTRONIC CONTROLLER UNIT



### **Specifications**

- Electronic controller units with 2 outputs

## BAGS



### **Specifications**

- Customized Bags with color-logo-dimension
- Borse personalizzate per colore-logo-dimensione

## BIKE COVER



### **Specifications**

- Bike Cover

# Race Experience

*We live all competitions as to develop new and always competitive products*



— Thermal Technology starts the production of electric blankets in 2003 with the collaboration in Worldwide Championship teams.

Championships have always been the reference point for the products' development, bringing innovative solutions in the company field.

Thermal Technology is the first to supply starting grid electric blankets when, in

2005 and in the following years, it was forbidden to use generators in the grid. Also it is the first to supply specific antiwind covers.

In 2008 Thermal Technology build the first integrated control unit for MotoGP team.

Nowadays we are keeping on the development of products with the best teams in MotoGp and in Superbike Championships.

# Official suppliers and proud partners

Partner of several MotoGP and Superbike teams





**Rimatek srl**

Via Montegrappa 140  
31031 – Caerano di San Marco  
Treviso – Italy

—  
Tel: +39 0423.1995825  
—

[www.thermaltechrace.com](http://www.thermaltechrace.com)  
[www.rimatek.com](http://www.rimatek.com)  
[info@thermaltechrace.com](mailto:info@thermaltechrace.com)

Graphics:  
Indivisual.it  
**indiVisual**  
race design