



High and Low temperatures wheels and castors



# DC Di Candia Ruote

Since 1959 the high temperature wheels

**DITHERM® | TERMOTEX®**

*italy*  
MADE IN ITALY

Website





Glass filled + fibers heat resistant wheels

**DITHERM® LTW**

## High temperature water and steamproof castors

### Series Ditherm LTW

Hardness 80 Shore D

Wheel made with first choice Polyamide 6 high density, filled with glass and natural fibers

High load capacity, selflubricated, waterproof and steamproof

Food grade material and food contact safe

Swivel top plate, bolt hole and fixed Stainless Steel or Galvanized steel bracket

Maintenance free

Available with front total brake



**-40°C +150°C**



#### Features :

Plain bearing

Wheel diameter 80 to 200 mm (3" to 8")

Wheel load capacity 250 to 900 Kg (551 to 1984 lbs)

Castor load capacity 200 to 500 Kg (440 to 1100 lbs)

High pressure washable

Temperature resistant **-40°C +150°C (-40°F +302°F)**

Selflubricating brake

#### Examples of use :

Smokehouse trolleys | Meat cooking trolleys

Fish cooking trolleys | Chillers

Oven trolleys and wagons up to +150°C | Industrial kitchens

Kitchens tables and furniture | Steam or high humidity



High temperatures and bakery castors



Monolithic heat resistant Ditherm® wheels

**DITHERM® MTW**  
**TERMOTEX®**

High temperature + low temperature castors

Series Ditherm MTW | Termotex

Hardness 90 Shore D

Wheel made with special Ditherm® monolithic compound

High load capacity, mirror high resistance finished

Food grade material and food contact safe

Swivel top plate, bolt hole and fixed Stainless Steel or Galvanized steel bracket

Maintenance free

Available with front total brake



**-40°C +300°C**



**Features :**

Plain, HQS selflubricating bushes, HT ball bearings hubs

Wheel diameter 80 to 200 mm (3" to 8")

Wheel load capacity 170 to 520 Kg (374 to 1146 lbs)

Castor load capacity 170 to 500 Kg (374 to 1100 lbs)

High pressure washable

Temperature resistant **-40°C +300°C (-40°F +572°F)**

Selflubricating brake



In compliance to the latest and strictest regulations 05/2011 on allowed materials for food industry wheels and castors and food processing equipments, our Ditherm MTW | Termotex series is already 100% free from phenolic compounds.

**Examples of use :**

Bakery trolleys and racks | every high temperature use

Lifetime can be effected by the condition of the floor



High temperatures and bakery castors



"Unbreakable" composite THT heatproof wheels

**DITHERM® STW**



High temperature water and steamproof castors

**Series Ditherm STW**

Hardness 80 Shore D

Wheel made with special syntetic THT® monolithic compound

High load capacity, "undestructible" from impacts and sharp obstacles

Food grade material and food contact safe, waterproof and steamproof

Swivel top plate, bolt hole and fixed Stainless Steel and Galvanized steel bracket

Maintenance free

Available with front total brake



**-80°C +280°C**



**Features:**

Plain, HQS selflubricating bushes, HT ball bearings hubs

Selflubricating wheel bore

Wheel diameter 80 to 200 mm (3" to 8")

Wheel load capacity 300 to 900 Kg (661 to 1980 lbs)

Castor load capacity 200 to 500 Kg (440 to 1100 lbs)

High pressure washable

Temperature resistant **-80°C +280°C (-112°F +536°F)**

Selflubricating brake

**Examples of use :**

Bakery trolleys | Meat and fish cooking higher than 150°C |

Sterilizers | Autoclaves | Heavy load industrial kitchens |

Glass factories | Pottery trolleys | Deep freezing trolleys

Smokehouses in case of very heavy loads



High temperatures and bakery castors



Fibers extra heat resistant Ditherm wheels

**DITHERM® XTW**

### High temperature + low temperature castors

#### Series Ditherm XTW

Hardness 75 Shore D

Wheel made with special Ditherm® monolithic compound with natural fibers for extra high temperatures

High load capacity, high mechanical resistance, mirror high resistance finished

Food grade material and food contact safe

Swivel top plate, bolt hole and fixed Stainless Steel or Galvanized steel bracket

Maintenance free

Available with front total brake



# -50°C +400°C



#### Features :

Plain, HQS selflubricating bushes, HT ball bearings hubs

Wheel diameter 100 and 200 mm (4" and 8")

Wheel load capacity 250 to 900 Kg (551 to 1980 lbs)

Castor load capacity 250 Kg (551 lbs)

High pressure washable

Temperature resistant **-50°C +400°C (-58°F +752°F)**

Selflubricating brake

#### Examples of use :

Bakery trolleys for Arabic bread

Bakery trolleys for baking temperature higher than 300°C

Glass industry | Pottery industry



High temperatures and bakery castors



### High temperature noiseless wheels

#### Series Ditherm RHT

Hardness 72 Shore A

Wheel made with food grade, non marking elastic rubber for high temperatures and Ditherm® core

High elasticity and cushioning, mirror high resistance finished

Food grade material and food contact safe

Swivel top plate, bolt hole and fixed Stainless Steel or Galvanized steel bracket

Maintenance free

Available with front total brake



**-40°C +260°C**



#### Features :

Plain, HQS selflubricating bushes, HT ball bearings hubs

Wheel diameter 80 and 100 mm (3" and 4")

Wheel load capacity 100 to 120 Kg (220 to 264 lbs)

Castor load capacity 100 to 120 Kg (220 to 264 lbs)

High pressure washable

Temperature resistant **-40°C +260°C (-40°F +500°F)**

Selflubricating brake

#### Examples of use :

Bakery trolleys | Pharmaceutical sterilizer trolleys ( vibration free )

Autoclaves | Silent and vibration free cooking trolleys

Bar or Cafè oven and display trolleys





High temperature noiseless wheels

**Series Ditherm RXT**

Hardness 76 Shore A

Wheel made with food grade, non marking elastic rubber for high temperatures and Ditherm® core

High elasticity and cushioning, mirror high resistance finished

Food grade material and food contact safe

Swivel top plate, bolt hole and fixed Stainless Steel or Galvanized steel bracket

Maintenance free

Available with front total brake



**-40°C +300°C**



**Features :**

Plain, HQS selflubricating bushes, HT ball bearings hubs

Wheel diameter 100 mm (4")

Wheel load capacity 120 Kg (264 lbs)

Castor load capacity 120 Kg (264 lbs)

High pressure washable

Temperature resistant **-40°C +300°C (-40°F +572°F)**

Selflubricating brake

**Examples of use :**

Bakery trolleys | Pharmaceutical sterilizer trolleys ( vibration free )

Autoclaves | Silent and vibration free cooking trolleys

Bar or Café oven and display trolleys



Since 1959 the high temperature wheels

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<https://dctechlab.dcdicandia.com> - DC Technical laboratory website

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