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# AMARC

## Company Profile

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## 1. Company Profile

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- » **AMARC** has an outstanding experience of more than 50 years in industrial process heating
- » **AMARC** offers advanced solutions in designing and manufacturing of **industrial ovens** and **drum heating cabinets** for thermal treatment of drum contained materials
- » **Industrial Sectors:**
  - Chemical
  - Cosmetics
  - Pharma
  - Petrochemical
  - Food and Beverage
- » **AMARC** works alongside its customers from the design phase to the start-up and commissioning, to after-sales services



## 1. Company Profile

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- » **Certifications:** AMARC has always been working for process and product improvement, it has therefore invested in **certifications** to guarantee a better response to strategic markets needs and demands.

AMARC's quality system is certified **UNI EN ISO 9001:2008**



- » **AMARC Certifications:** every product is made following technical and qualitative standards, according to the following EU Directives and International Standards

- ATEX Directive– 2014/34/UE
- IECEx Scheme
- EAC Certification



## 2. Business Areas

- » AMARC activities are structured in 2 Business Areas:

The **Industrial Ovens division** that realizes **heating cabinets** for the thermal treatment of drum or IBC contained materials, and **industrial ovens** up to 250°C for different applications in polymerization, drying or curing processes.

**AMARC ovens** can be designed with static or dynamic engineering for continuous processing cycles.



AMARC **cast aluminium heaters** are tubular heaters submerged in **aluminium, aluminium bronze, shaped and machined** on customer request.

**AMARC** heaters are widely used in packaging application; **thermoforming machinery, sealer, flow pack line.**

They are chosen by **top leaders** in the market as they can reach **highest temperatures** together with an high **heat temperature uniformity.**



## 3. Industrial Ovens and Drum Heating Cabinets

- » The **Industrial Ovens division** is mainly focused on the realization of **Heating Cabinets** for the heating and thermal treatment of **drums and IBCs contained materials**.
- » **AMARC Drum Heating Cabinets** **Drum Heating Cabinets** solve heating issues for drum contained materials used in manufacturing industries in a clean, safe, reliable and affordable way.
- » Whenever materials such as tar, resins, fats, oils and other viscous substances, need to be kept at a constant temperature or heated in order to change viscosity before processing, our **Drum Heating Cabinets** solve exactly these issues.



Example of **Heating Cabinet** suitable for **16 Drums** (capacity 200 lt each) or **4 IBCs** (capacity 1000 lt each)

## 3. Industrial Ovens and Drum Heating Cabinets

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- » **AMARC** designs and produces a wide range of standard **Drum Heating Cabinets**.
- » To meet each customer need, drum ovens can vary according to:
  - Drum/IBC capacity
  - Temperature range
  - Heating source
  - Materials
  - Safety or Hazardous (ATEX) installation area
  - Indoor or Outdoor installation
- » A wide range of options is also available.



## 3. Industrial Ovens and Drum Heating Cabinets

» **Stainless Steel Drum Heating Cabinet**



» **Drum Heating Cabinet for Hazardous Area Installation**



» **Drum Heating Cabinet with Outdoor installation and roller - shutter doors**



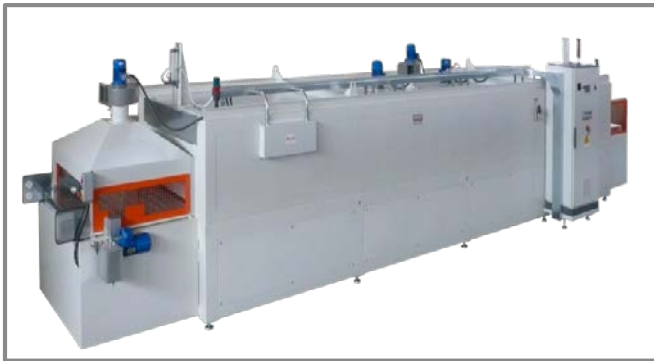
» **Drum Heating Cabinet with collection sump**





## 3. Industrial Ovens and Drum Heating Cabinets

- » The division also realizes **industrial ovens** for different applications, up to 250°C
- » **Dynamic Conveyor Ovens** for continuous process cycles



- » Ovens for industrial **processes**



## 3. Industrial Ovens and Drum Heating Cabinets

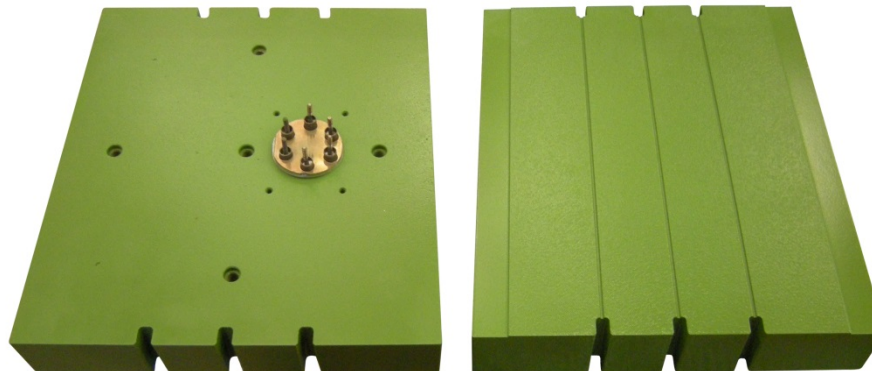
- » Ovens for Polymerization and Drying Processes



## 4. Cast Aluminium Heaters

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- » **AMARC** Cast Aluminium Heaters advantages:
  - » Mix more than any other heating system ; **longlasting life, reliability, efficiency** and **safety**
  - » They do integrate over the mechanical aspect, an **excellent heat exchange rate together with a precise heat uniformity**
  - » They may reach temperature of above 300°C and can be connected with Ip protection rate IP55/IP65
  - » **AMARC** high flexibility allows fast deliveries



## 5. Main References

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- Abb
- Avon Cosmetics
- Azko
- Basf
- Bayer
- Bp
- Dow Group
- Eni Power
- Estee Lauder
- Exxon Chemical
- GE Power
- H.B. Fuller
- Henkel
- Nalco
- Petronas
- Procter & Gamble
- Sanofi-Aventis
- Shell
- Sika
- Syngenta ltd
- Teva
- Texaco
- Total
- Unilever