

Hot Forming Technology



BENTELER 
makes it happen

ipma PROCESS.
MADE BETTER.

Hot Forming Line

Together with our partner, Benteler Maschinenbau, we can plan and support your strategic journey to a new hot forming line with great efficiency and sustainability.

IPMA is the official representative of **BENTELER Maschinenbau CZ s.r.o.** for North and Latin America in the domains of Marketing, Selling, Commissioning, Maintenance and After Sales services of the Benteler Hot Forming lines.

Recent Furnace technologies

With the Benteler experience and actual 143 hot forming lines running around the world, we represent the very latest furnace hi-tech in the market.

All our proven applications are based on production feedback provided by Benteler hot forming manufacturing and cover the period of at least last 11 years.

The Modular Concept

Expandable and Easy transport for future modernization.

Easy installation – No special heavy equipment for assembly on site.

Easy maintenance – long-life components and materials.

Easy usage and Effective energy saving concept (IE3 drives, best quality isolation).

New Added value to the market

- Roller drives – bevel shaft with gears – no chain drive – reduced friction – lower electric consumption and at least 10x higher lifetime
- Insulation lifetime – Professional assembly and first-class materials
- No radiant tubes or heaters placed below the rollers, optimized housing with lower thermal losses
- Dew point regulation – active system with control and regulation of flow rate
- No compromises in safety – safety fencing and circular emergency stop line in basic configuration

286

285

Hot Forming Tooling

IPMA delivers

- **Hot Forming Planning** of process and tooling
- **Hot Forming Engineering** including temperature flow and takt simulation
- **Consulting / Troubleshooting** for hot forming production

IPMA key staff

- **longtime experienced** specialists with hot-forming technology and hot-forming implementation in manufacturing process

IPMA Lean Manufacturing consultants specialized in the TPS (Toyota Production System) who can effectively complement your team to make your project(s) even more successful!

www.ipma-group.com

YOUR CONTACT PERSON

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