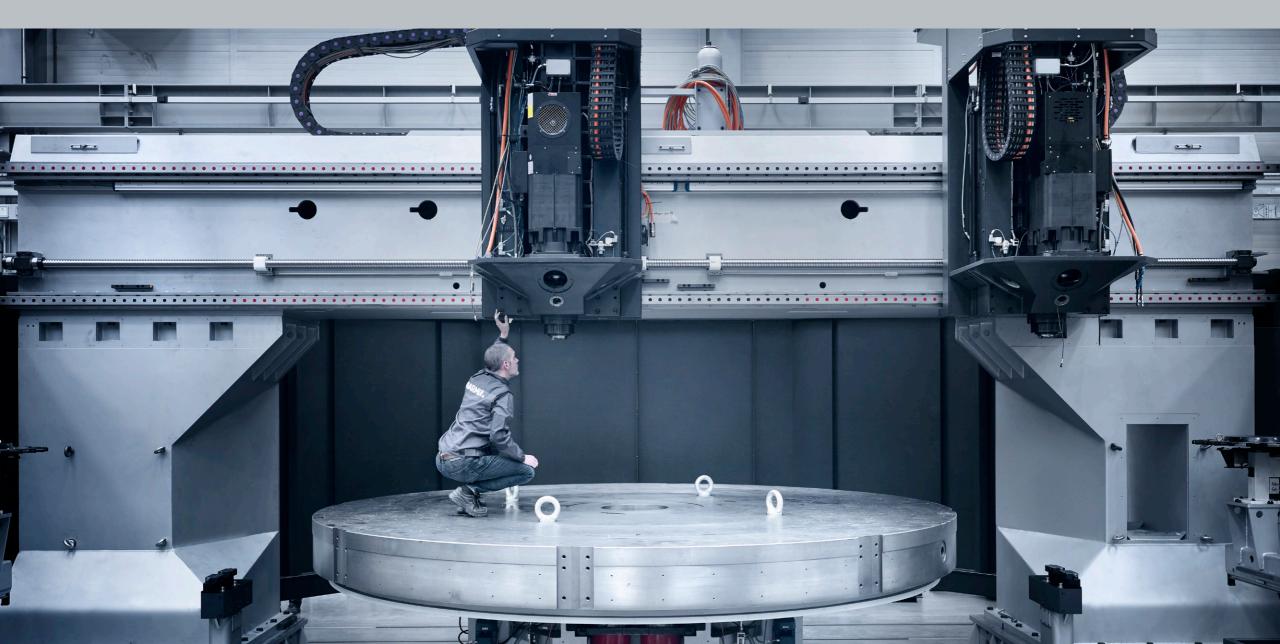
# **IBARMIA**•

# CSERIES MACHINING SOLUTIONS FOR LARGE RINGS

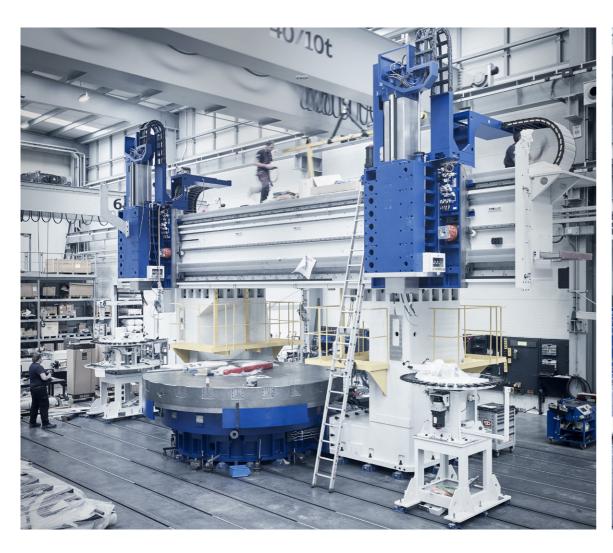
Complete range of solutions for machining large circular pieces up to Ø8000 mm.



## C SERIES IBARMIA.

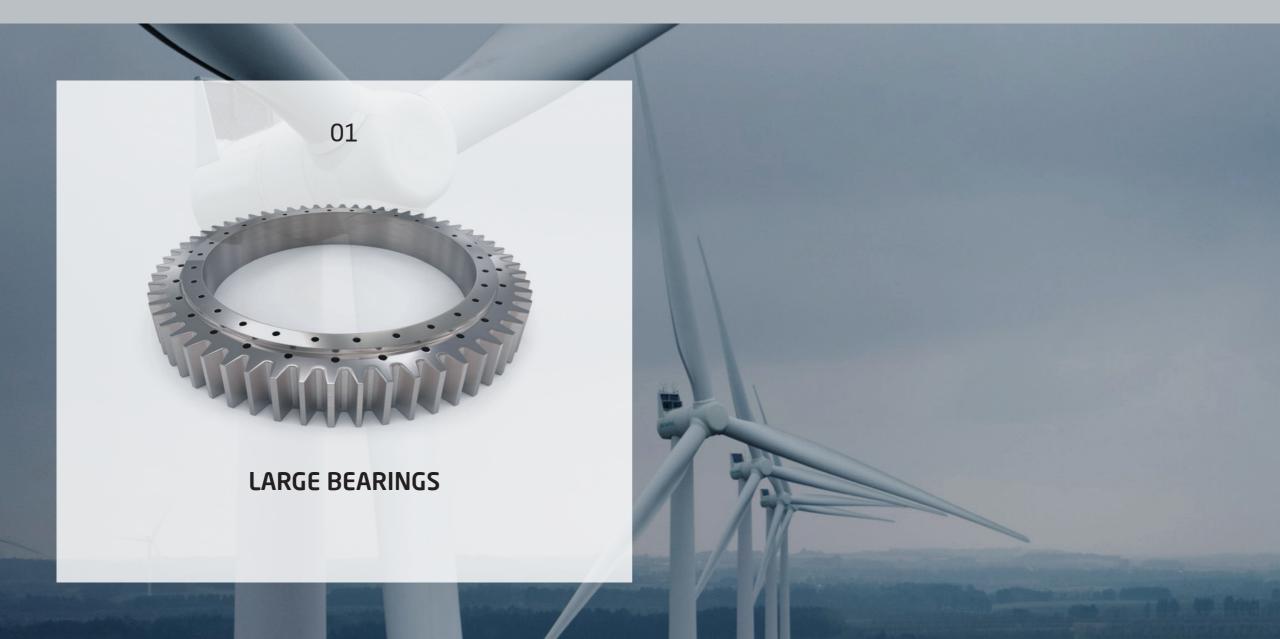


C SERIES IBARMIA.











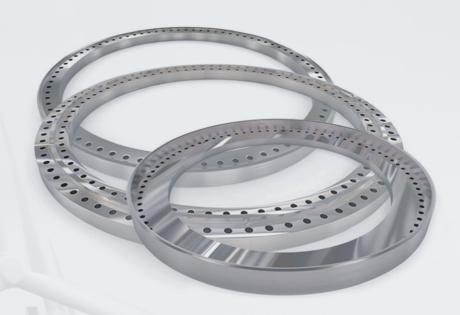
01 **LARGE BEARINGS** Up to ø6000 & H≤600 mm



01



LARGE BEARINGS Up to ø6000 & H≤600 mm 02

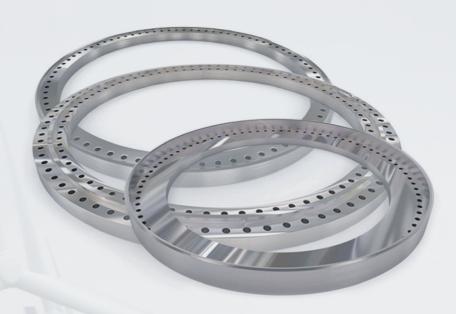


FLANGES
Up to Ø8000 & H≤400 mm

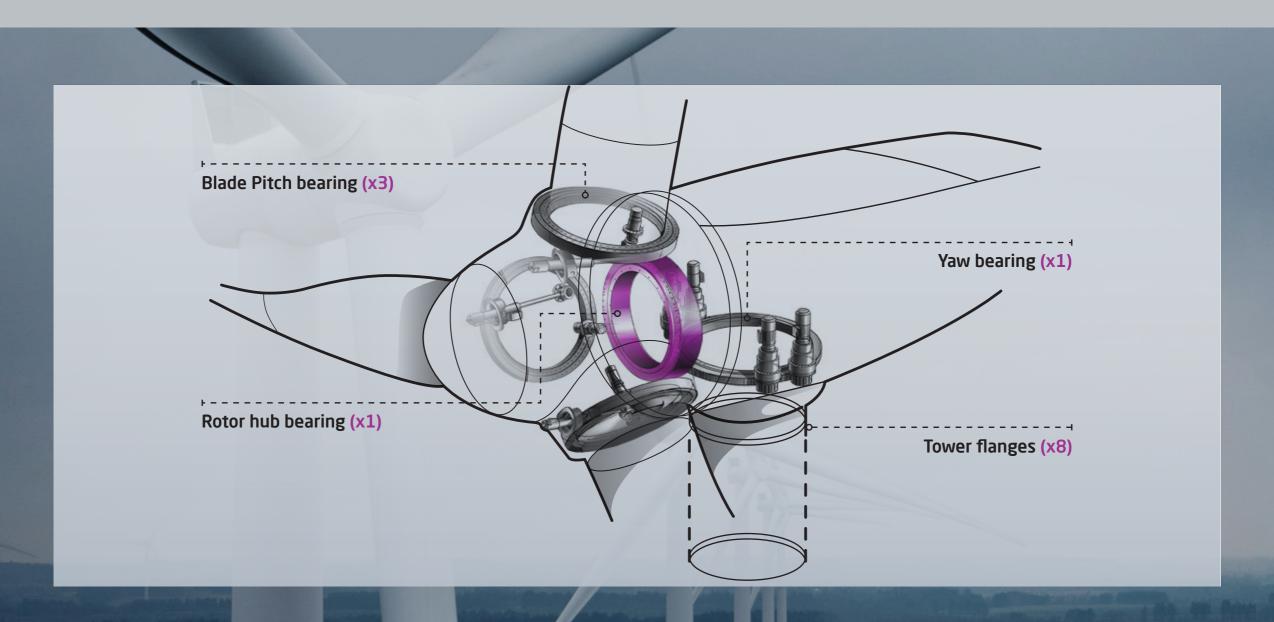
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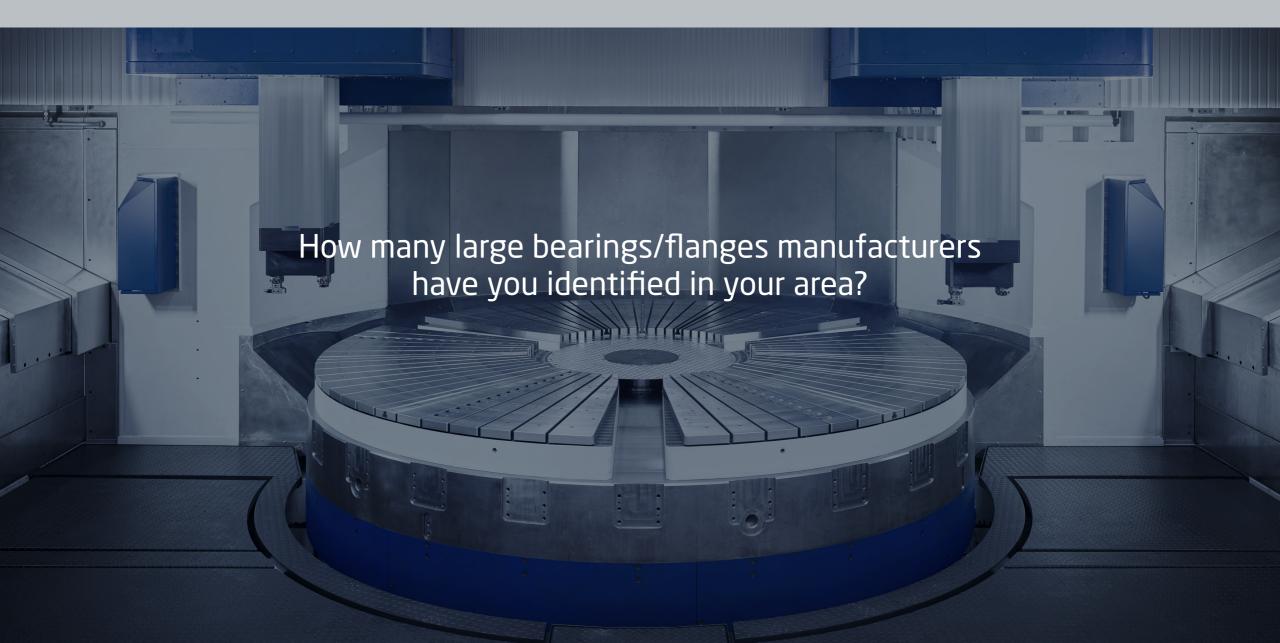
LARGE BEARINGS Up to ø6000 & H≤600 mm 02



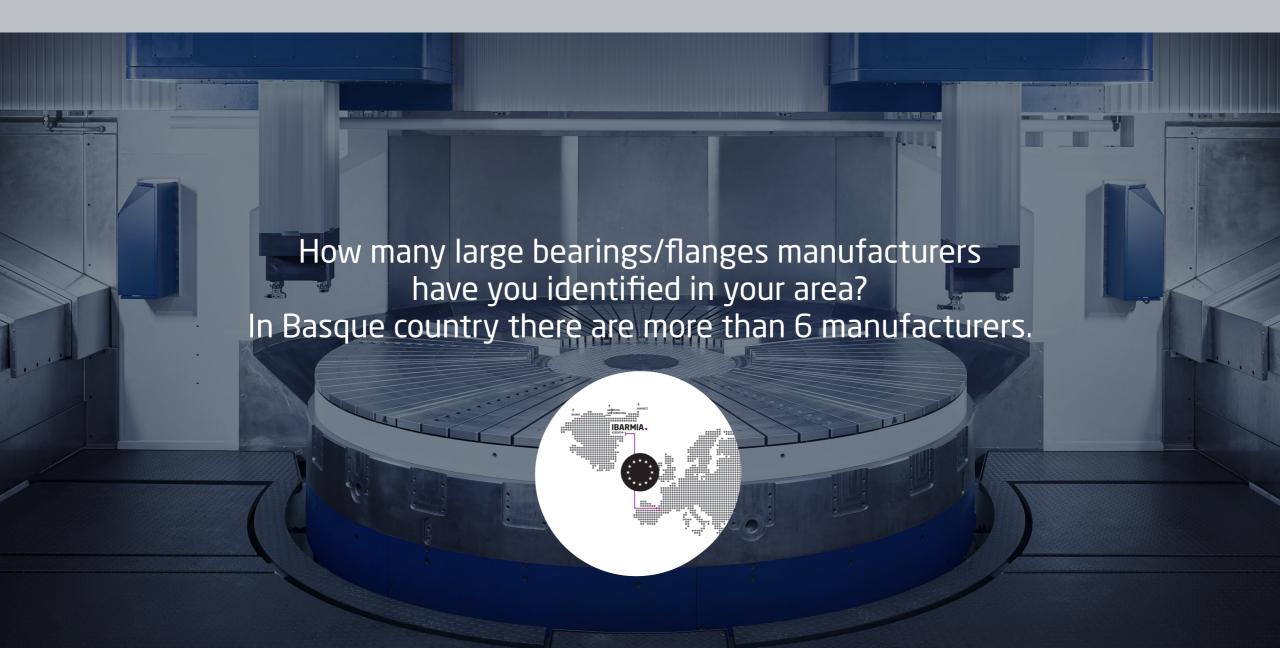
FLANGES
Up to Ø8000 & H≤400 mm
New developments up to Ø12.000 mm

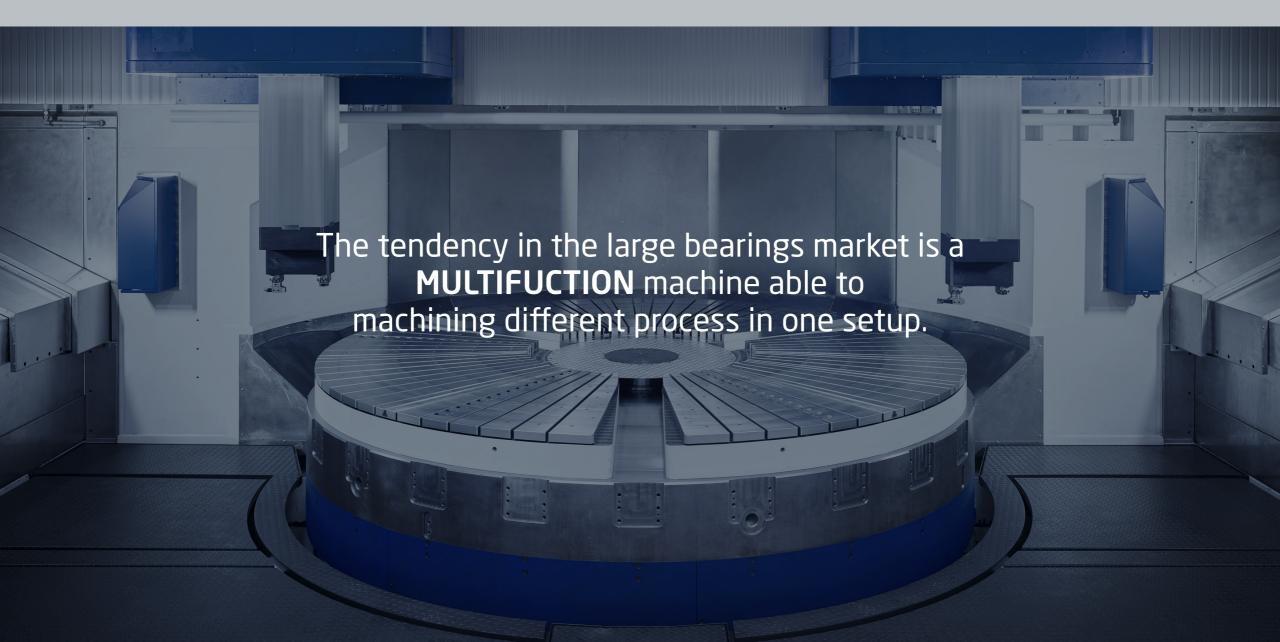














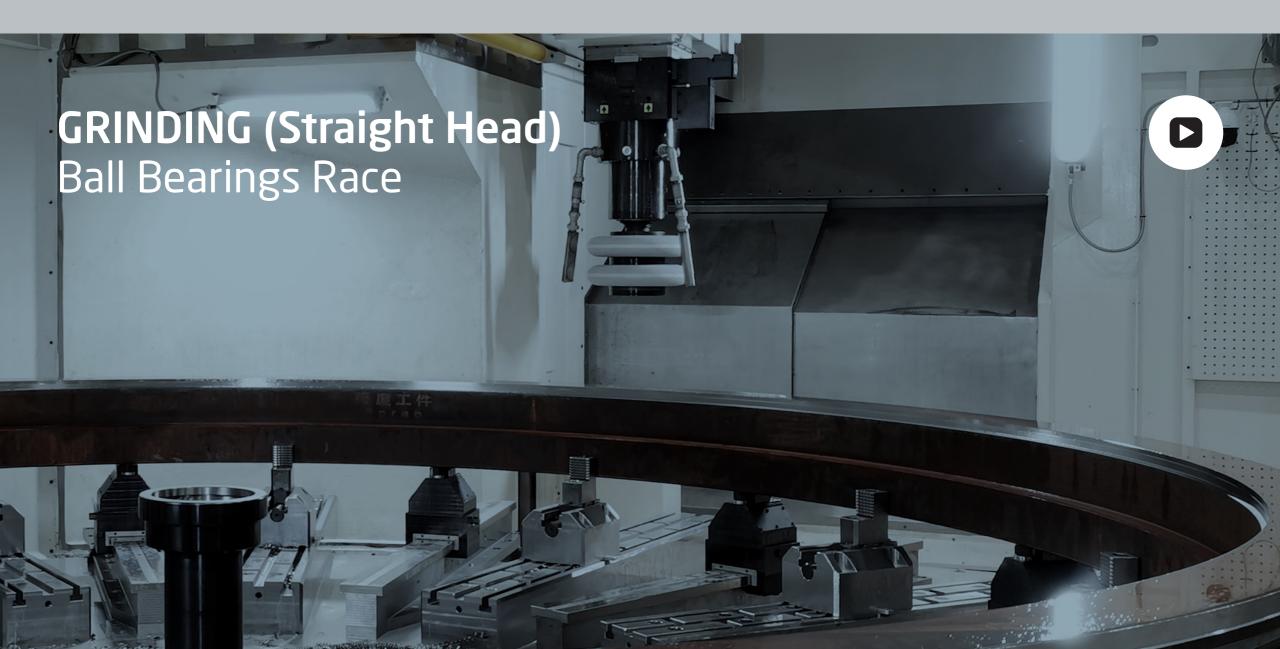








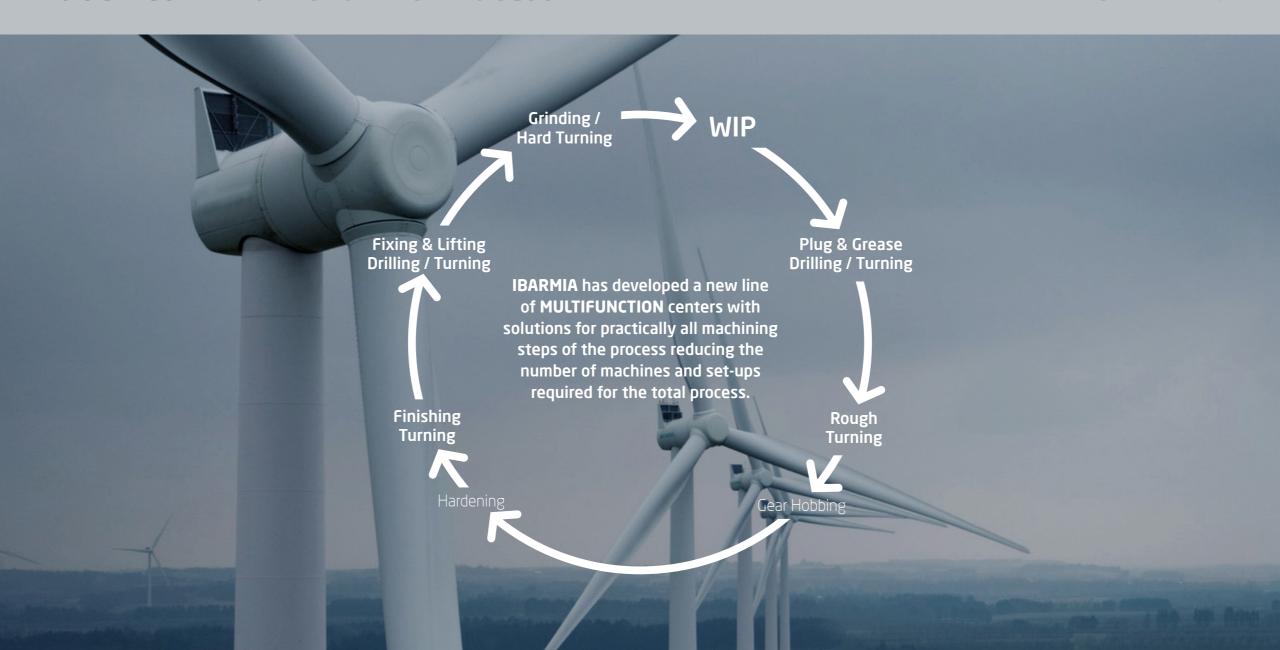








## **C SERIES** MANUFACTURING PROCESS



## **C SERIES** CLD MULTIPROCESS







## **C SERIES** CLD MULTIPROCESS









## **C SERIES** INTERCHANGEABLE HEADS





**Turning heads**Various configurations available.





**Turning heads**Various configurations available.



**Live spindle**For drilling, tapping and / or milling operations.





**Turning heads**Various configurations available.



**Live spindle**For drilling, tapping and / or milling operations.



Angular heads
For horizontal in-out/out-in drilling and/or tapping operations.





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Straight grinding head

## **C SERIES** INTERCHANGEABLE HEADS





**Turning heads**Various configurations available.



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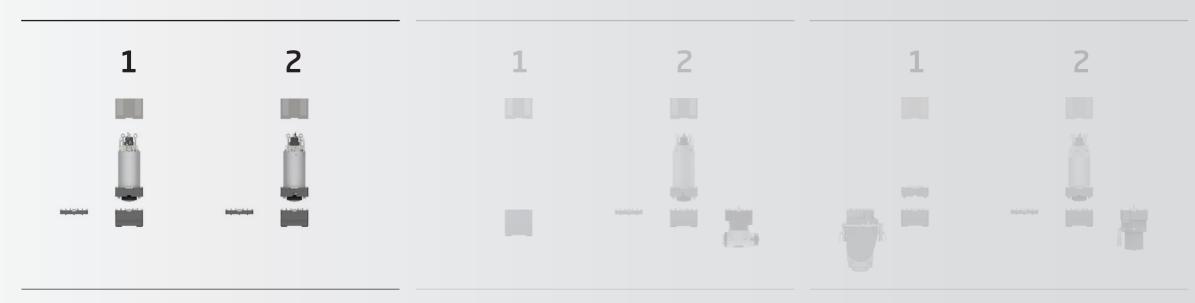
Straight grinding head



Fork grinding head

#### **C SERIES** CONFIGURATIONS





## **FDT**

#### FIXING Drilling Turning

Machining solution for vertical drilling/tapping operations: LIFTING & FIXING holes and Soft Turning.

#### PDT

#### PLUG Drilling Turning

Machining solution for vertical drilling/tapping operations:
PLUG & GREASE as well as LIFTING & FIXING holes and Soft Turning.

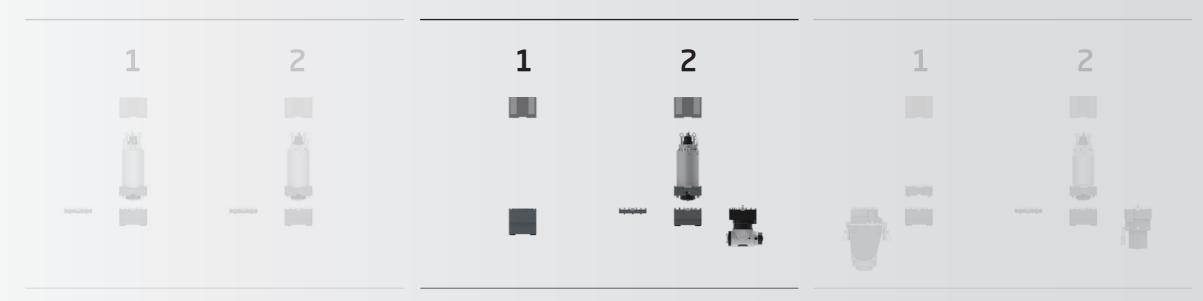
#### GT

#### **G**rinding **T**urning

Grinding Fork head for FINISHING & Straight head for BALL BEARING RACE grinding operations,
Vertical Drilling / Tapping & Soft Turning.

#### **C SERIES** CONFIGURATIONS





## FDT

#### **FIXING Drilling Turning**

Machining solution for vertical drilling/tapping operations: LIFTING & FIXING holes and Soft Turning.

#### **PDT**

#### PLUG Drilling Turning

Machining solution for vertical drilling/tapping operations: PLUG & GREASE as well as LIFTING & FIXING holes and Soft Turning.

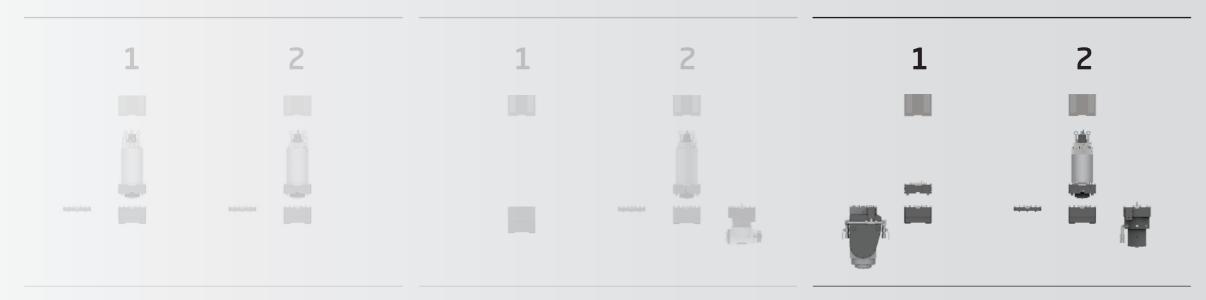
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#### **G**rinding **T**urning

Grinding Fork head for FINISHING & Straight head for BALL BEARING RACE grinding operations,
Vertical Drilling / Tapping & Soft Turning.

#### **C SERIES** CONFIGURATIONS





## FDT

#### **FIXING Drilling Turning**

Machining solution for vertical drilling/tapping operations: LIFTING & FIXING holes and Soft Turning.

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#### PLUG Drilling Turning

Machining solution for vertical drilling/tapping operations:
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#### **G**rinding **T**urning

Grinding Fork head for FINISHING & Straight head for BALL BEARING RACE grinding operations, Vertical Drilling / Tapping & Soft Turning.





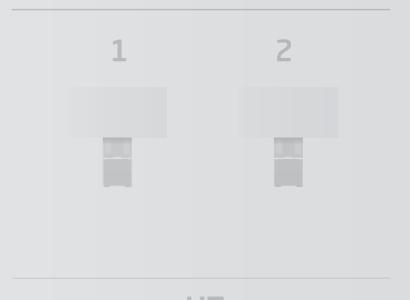
1 2

#### **RT**

Rough Turning

Machining solution for ring sizes & BALL BEARING RACEWAY





HT Hard Turning

Machining solution as alternative Grinding process

#### **C SERIES** CLD CLASSIC

Machining solution for

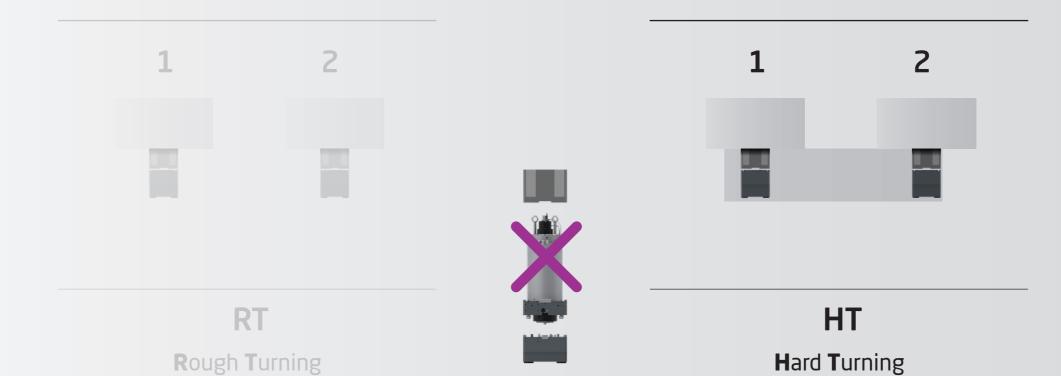
ring sizes &

BALL BEARING RACEWAY

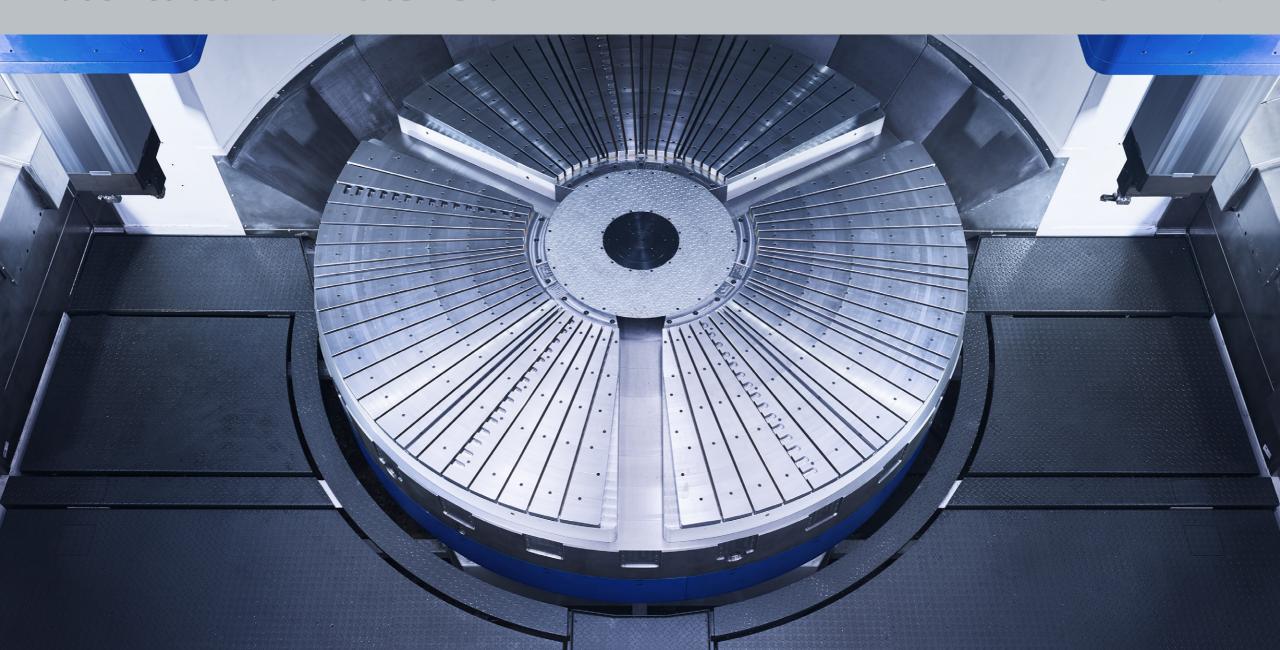


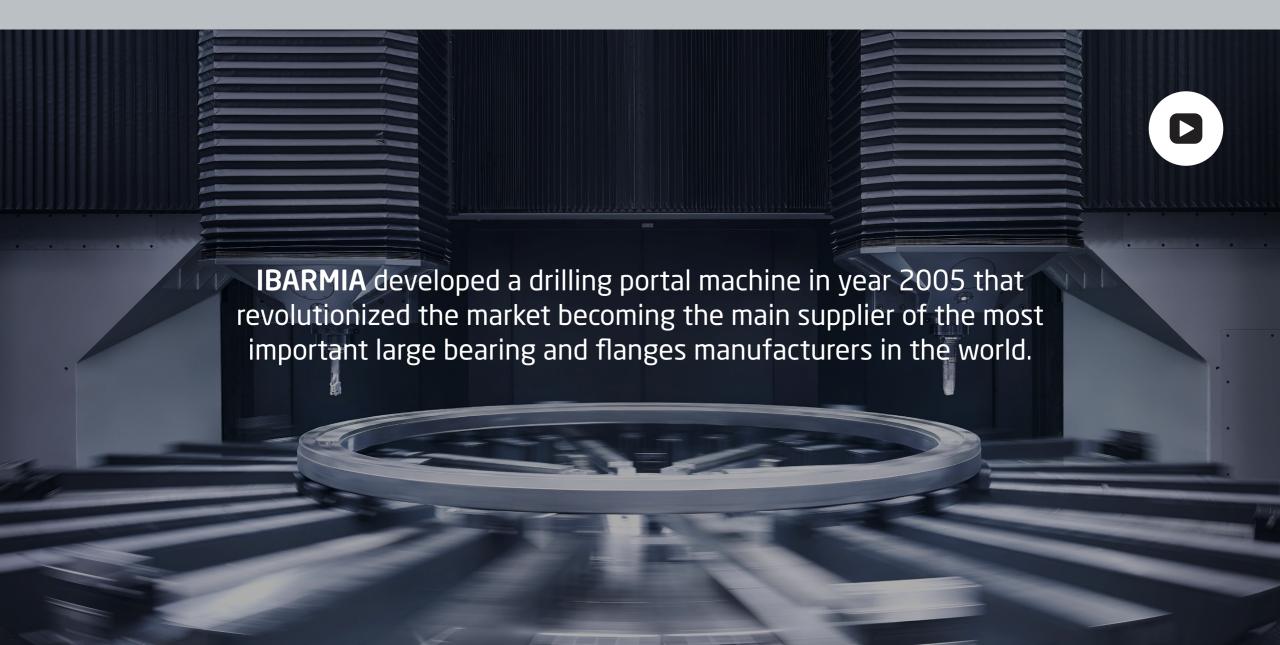
Machining solution as alternative

Grinding process



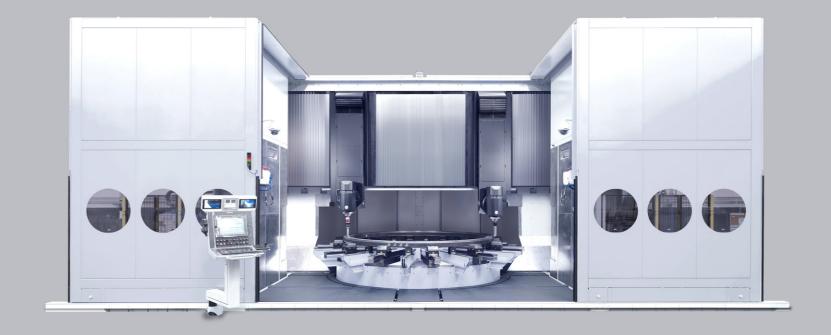
# **C SERIES** CLD TURNING CENTERS





# **C SERIES** CPD DRILLING CENTERS





#### **C SERIES** CPD DRILLING CENTERS

#### **Double Head:**

Drilling/tapping operations



**V CLASSIC** 

**V EXTREME** 

**H EXTREME** 

Possible to combine:

V CLASSIC + H EXTREME V EXTREME + H EXTREME

#### **Application:**

Fixing & Lifting Holes

#### **C SERIES** SPINDLE HEADS





V CLASSIC

Vertical Head

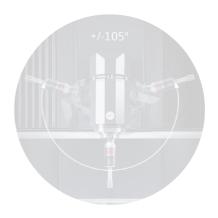
Belt & Pulley transmission



V EXTREME

Vertical Head

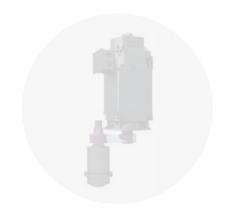
Electrospindle



**H EXTREME**Vertical-Horizontal Tilting Head
Equipped with Electrospindle

#### **C SERIES** SPINDLE HEADS





V CLASSIC

Vertical Head

Belt & Pulley transmission



V EXTREME

Vertical Head

Electrospindle



**H EXTREME**Vertical-Horizontal Tilting Head
Equipped with Electrospindle

#### **C SERIES** SPINDLE HEADS



V CLASSIC

Vertical Head

Belt & Pulley transmission



V EXTREME

Vertical Head

Electrospindle



**H EXTREME**Vertical-Horizontal Tilting Head
Equipped with Electrospindle











# C SERIES COMPETITION IBARMIA.





**C SERIES** COMPETITION

#### **IBARMIA**



**Drilling Machines** 



Japan



Taiwan



Germany

# CLV CLASSIC & MULTIPROCESS

**Turning & Multifunction Machines** 



Italy



Taiwan



starrag

Switzerland



**Spain** 

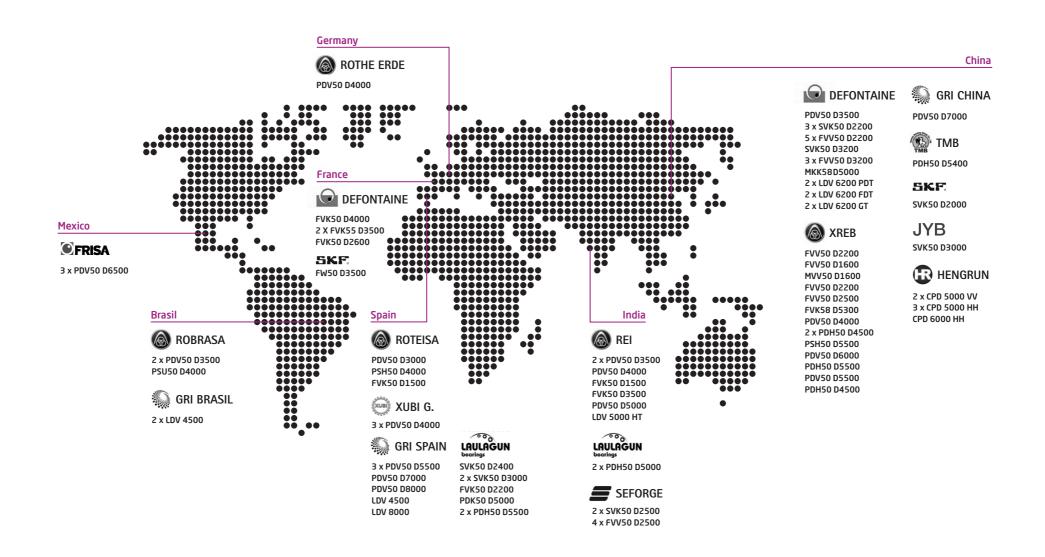
#### **C SERIES** OTHER APPLICATIONS



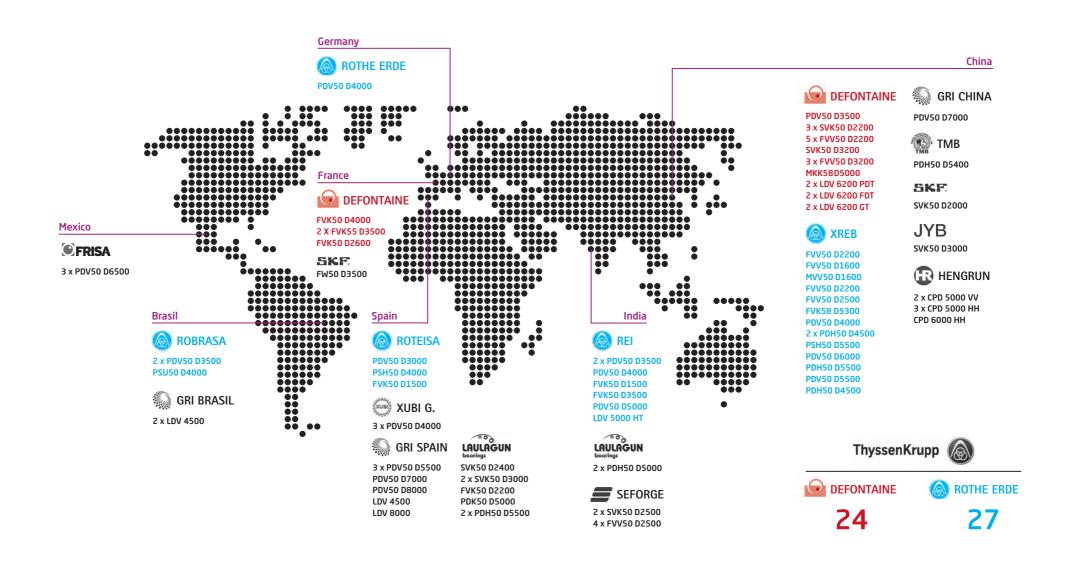
#### **C SERIES** OTHER APPLICATIONS



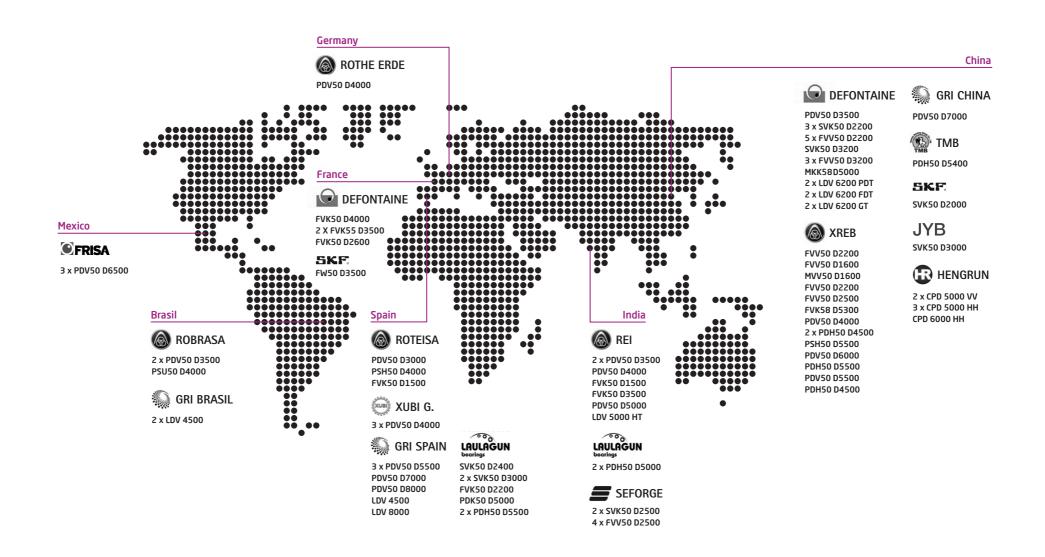




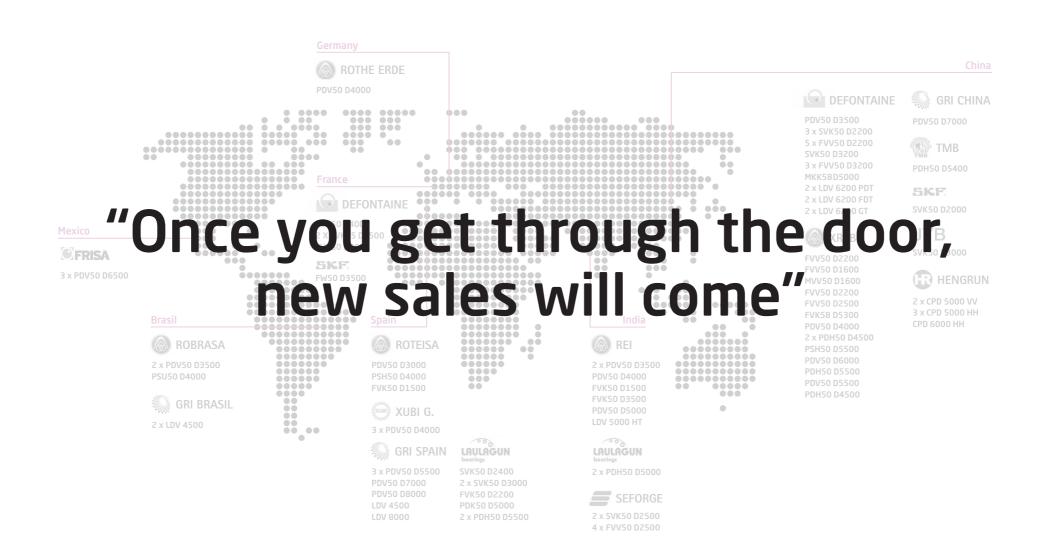
















# YOUR MACHINE TOOL POINT







www.ibarmia.com