

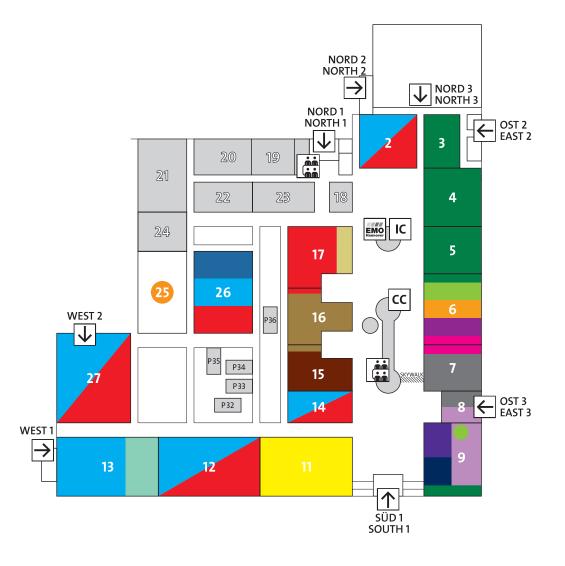


CC Convention Center

Informations-Centrum Information Center







**Lathes** (Halls 2, 12, 14, 16, 17, 26, 27)

Lathes and automatic lathes

**Milling machines · Machining centres · Flexible manufacturing** (Halls 2, 12, 13, 14, 26, 27) Milling machines / Machining centres / Flexible manufacturing cells and systems

# Transfer and special production machines • Unit heads (Hall 17)

Transfer and special production machines / Unit heads

Precision tools (Halls 3, 4, 5, 6)

Cutting tools / Workpiece and tool holders

# Measuring technology and quality assurance (Hall 6)

Measuring and testing technology / Quality assurance

#### **Tool grinding machines** (Hall 6)

Tool grinding machines / Workpiece and tool handling

# **Components · Coolants and lubricants · Accessories** (Hall 6)

Hydraulic and pneumatic components / Cooling and Iubrication / Workshop equipment / Accessories / Materials

#### **EDM** (Hall 13)

Electroerosive and abrasive machines

# Grinding machines · Surface technology · Honing, lapping, polishing machines · Heat treatment (Hall 11)

Grinding machines / Abrasive tools and products / Machines and systems for use in surface technology / Honing, lapping, polishing and deburring machines / Industrial ovens and heat treatment systems / Machines for marking and engraving

## **Sawing machines · Drilling machines** (Hall 15)

Sawing and cutting-off machines / Sawing blades / Drilling and boring machines

**Sheet metal working machines · Forming machines · Associations** (Halls 15, 16) Sheet metal working machines / Shearing, nibbling, blanking and punching machines, lasers / Presses / Metal forming (massive) machines / Bar, section and tube working machines / Welding, cutting and gas cutting machines / Associations

## **Industrial electronics · Robotics · industry 4.0** (Halls 8, 9)

Control and drive systems / Electrical and electronic equipment for machine tools / Industrial robots, assembly and handling / industry 4.0 area / umati

# Software (Hall 9)

Software for product development, machines and manufacturing

## **Gear cutting and finishing machines** (Hall 26)

Gear cutting and finishing machines / Planing, shaping, slotting and broaching machines

#### Additive manufacturing (Hall 9)

Machines for additive manufacturing, materials for additive processes

## **Mechanical components · Disposal** (Halls 7, 8)

Mechanical components, spindles, gear units, couplings / Disposal

#### Safety and environment (Halls 6, 7)

Filters, air filtration systems, wastewater purification, protection systems

## Start-ups · BMWi stand · Young Tech Enterprises (Hall 9)

Special Youth Show (Hall 25)