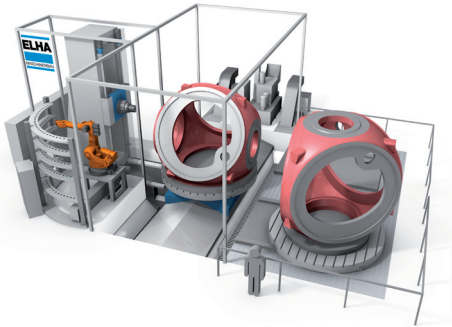


Manufacturing Systems for Wind Power Generation

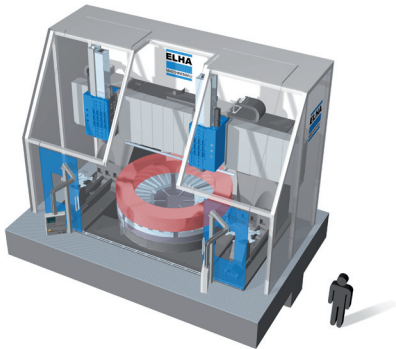


HB-W

Horizontal Machining Center in cross-bed design with hydrostatic ram table 2,000 mm – 4,000 mm

use:

- rotor hubs
- heavy casing components
- transmission components



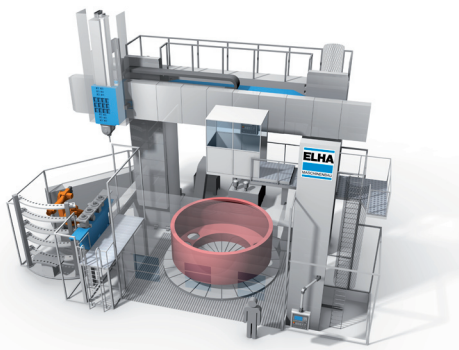
VTM

Vertical Turning Machine with fixed cross-rail and hydrostatic axes

Ø 1,600 mm - 6,000 mm

use:

- large bearing rings
- bearing covers
- transmission components



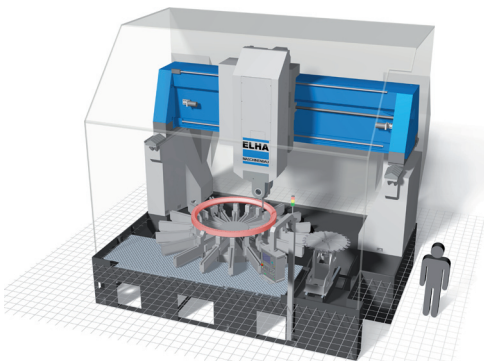
VTM-W

Vertical Turn-Milling Machine with height-adjustable cross-rail

Ø 2,500 mm - 8,000 mm

use:

- lower deck component (offshore turbine)
- bearing cover
- complete machining of large and complex work pieces



VHB

Vertical Machining Center with positioning table, gantry portal and CNC tilt head

Ø 1,600 mm - 6,000 mm

use:

- rotary couplings
- large bearing rings
- ring shaped work pieces

