



# Drive technology for strip systems and rolling mills

## Drive technology in theory and practice

Seminar No: 120

### Purpose

Basic knowledge of drive technology for strip systems and rolling mills.  
Basic knowledge of mechanics, design calculations, calculation models, drive technology, Antriebstechnik, regulation methods and control strategies.

### Target audience

Design, commissioning, Operator and development engineers.



### Prerequisite

Fundamental knowledge of basic electrical engineering

Duration: 5 days

Lecturer : Prof. Dr. Hambrecht

### Fees/ Dates:

See price list and time schedule.

### Location

Global Technical Learning Center Berlin / Beuth-Hochschule für Technik/University of Applied Sciences.

### Content

- Basic mechanics
- Basic drive technology – electrical machinery/frequency converters
- Basic control technology, regulation of drive technology
- Basic metals (mass flow, storage, belt tension model, rolling gap)
- example coupling strip tandem mills
- Overview drive technology in metals
- Component parts of strip processing lines and rolling mills
- Regulation and control of strip processing lines and rolling mills

Time	
8:30 am	Approx 5:00 pm each day
Start	1 <sup>st</sup> day 10:00 am
End	5 <sup>th</sup> day 3:00 pm