

Web Tension Measurement

Force Measurement

Z212e – Web-based training (External version)

Course duration

1.0 hour, depending on personnel knowledge

Course type

This is a web-based training course. The course includes self-study material and self-assessment questions. The language of the course is English.

Course goal

The goal of this course is to introduce the product basics of the web tension measurement.

The training covers the following topics:

- Technical principles
- Product portfolio & technology
- Applications

Student profile

All ABB stakeholders (customers, universities, partners, ...)

Course objectives

Upon completion of this course, students will be able to:

- Describe what web tension is
- Describe at least one customer benefit that can be achieved by measuring web tension
- Explain the main characteristics of the Pressductor technology and its customer benefits
- Recognize the parts that ABB Web Tension measurement systems consist of.
- Describe use/application of each load cell type and Tension Electronics type
- Recognize different parts of paper mills and converting lines for which the system is designed
- Describe the benefits from applying ABB web tension measurement products in paper manufacturing
- Describe the benefits from applying ABB web tension measurement products in converting applications
- Recognize the ABB web tension measurement products application limitations