

## KlassENgineering Inc.

KlassENgineering is a small engineering company specializing in the design, commissioning, and troubleshooting of web handling and roll handling equipment. Much of the drive experience is with winders and machines for paper and plastic films, foil and flooring and roofing products. KlassENgineering was incorporated in 1999.

We have designed, upgraded and commissioned numerous drives for all the major paper machine builders for Paper Machines, Winders, Rereelers, Supercalenders and Off-Machine Coaters. In the plastics industry we have designed drives for orienters, turret winders, cast and bubble extruders. We continue to troubleshoot problems in the paper, film, membrane and cable industries.

In our independent consulting, we do not manufacture or resell drives or web handling equipment. We provide drawings, Bill of Material and engineering services.

## KlassENgineering Inc.

### SERVICES

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#### *Drive Troubleshooting*

**KlassEngineering** provides drive system audits on a scheduled or as required basis. We do not resell any drives and can provide independent audits of drive system performance.

#### *Drive Training*

**KlassEngineering** provides training in the application of drives for web handling through AIMCAL or at your site. We concentrate on the web handling requirements of your drive system.

#### *Pre-Start Health and Safety Reviews*

**KlassEngineering** is authorized to prepare Pre-Start Health and Safety Reviews as required by the Ontario Ministry of Labour. Our expertise is in areas of electrical protective devices and guarding for rotating machinery.

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## KlassENgineering Inc.

### COMMISSIONING

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#### *On-Site Commissioning Assistance*

**KlassEngineering** provides engineering assistance for commissioning of the new line. We have consulted with the end user or the machine supplier during the commissioning stage of the project.

Commissioning services include:

- Web Handling experience
- Support for construction Electricians
- Scheduling
- Safety considerations
- Calibration
- Drive Tuning
- Commissioning plan and coordination