

## Web Tension Start-Up

**Application**                      Service

**Industry Sector(s)**        Paper and Pulp

### The Customer

The customer is a major paper producer located in Sweden.

### Customer Inquiry

The customer wanted to replace an aging and increasingly inaccurate system for web tension in one of its paper machines. Spare parts and technical support from the supplier were becoming more and more difficult to come by. Together, these problems had caused quality issues and downtime.

The customer also wanted to add more web tension units to get better control of the paper production process, enabling monitoring and control of the entire process, from the wet end to the dry end and also between each side (tending and drive side) of the machine.

### Solutions and Equipment

We supplied the G4 instrument with force software, customized FMU- web tension units adapted to fit existing bearing houses, and mechanical installation supervision, start-up, calibration, and training.

#### Key Features:

- G4 multichannel instrument for monitoring the web tension
- Force software adapted for web tension, one and two channel blocks
- Short delivery and installation time
- Easy connection to the supervising control system
- Quick and easy start-up and calibration

### Customer Comments

The customer was very happy with its upgraded web tension monitoring system, and in particular was pleased with our fast delivery, easy installation process, and fast learning curve for operators—since the measuring functions in the G4 instrument are based on configurable function blocks, and no mechanical adjustments are required.

BLH / Nobel Weighing Systems  
Brands of VPG Process Weighing

***“Professional service throughout the process”***

Other Applications: The G4 with force software and FMU-blocks can be used in all types of paper winding machines and for strip tension in the metal industry.

Click here to open the Web version: <http://www.vishaypg.com/process-weighing/case-study/41033/>

(web version offers links to product datasheets and related documents including manuals, brochures, and any available videos)

## Contact Information

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