Providing customized solutions, special load cells and weighing instrumentation on the market. Performance in harsh process environments. Our transducers and instruments are designed for filling levels, capacity load cell systems that also control and batching.

Vishay Systems weigh finished “Jumbo” rolls with overhead crane tension measurement for machine operation, we have an in-depth experience in pulp and paper mill process control. Vishay Nobel and Vishay BLH have four decades of experience in pulp and paper industry. Our transducers and amplifiers for industrial applications. Throughout the years, we have gained unique knowledge in the area of measurement and control, and were among the pioneers in strain gage techniques and in transducers goes back to the 1940s, when our predecessors were leading manufacturers of advanced measurement and control systems for the pulp and paper industry. Our history in the measurement field goes back to the early 1970s, Vishay BLH and Vishay Nobel have been leading manufacturers of advanced measurement and force control systems. We continue to build on this tradition of innovation.

Patented web tension and force control systems have been designed and field-tested with major inputs from the pulp and paper industry. This guarantee that our applications. In the late 1970s, we launched our own first to use microprocessor technology for industrial digital process control systems. We continue to build on this tradition of innovation.

Load cell

Vishay Systems

Vishay Blit • Vishay Nobel

Industry Leadership

Since the early 1970s, Vishay BLH and Vishay Nobel have been leading manufacturers of advanced measurement and force control systems. Our transducers and amplifiers for industrial applications. Throughout the years, we have gained unique knowledge in the area of measurement and control, and were among the pioneers in strain gage techniques and in transducers. Vishay BLH and Vishay Nobel have been leading manufacturers of advanced measurement and force control systems.

Vishay Nobel KIS and TAD3

Load cell

Vishay BLH KDH and LCp-104

Vishay Nobel KIS and TAD3

Load cell

Vishay BLH KDH and LCp-104

Load cell
Web Tension Systems

Dynamic Resultant Force Measurement

The DXt-40 Web Tension Controller is a Hydraulic Force and Position Control system designed to eliminate wrinkles and cracks during the web process. This system is a hydraulic force and position control system, with a digital servo position controller, used to control the nip load variations or loss of power. The position of the discs is maintained independent of wear. The gap can be set either manually or remotely. An electronic unit controls and monitors disc gap and cone movement of the arm, and a correct nip load from the grinding plate and a transducer for measuring the disc position.

Disc Gap

Refiner Position and Pressure Control

Vishay Nobel offers two standard solutions: Refiners Position and Pressure Control and Disc Gap Control (DGC) Systems. These systems were designed to fit most new disc refiners and enable easy retrofit of old ones.

Disc refiner with SK 700 tracer valve

DGC microPOS digital system

Optimizing Logger

The system provides length and diameter measurement, and includes a feature for calculating the required tambour diameter for the scheduled winder sets. The system provides very accurate length and diameter measurement, and includes a feature for calculating the required tambour diameter for the scheduled winder sets. The system provides very accurate length and diameter measurement, and includes a feature for calculating the required tambour diameter for the scheduled winder sets. The system provides very accurate length and diameter measurement, and includes a feature for calculating the required tambour diameter for the scheduled winder sets.