

ABB strengthens its position as a leading supplier of strip tension load cells to processing lines  
50 years of experience is the key to success



*In May 2004 ABB was awarded large contracts for supply of strip tension load cells for processing lines in Korea and China. The contracts included more than 50 metal strip tension measurement systems, strengthening ABB's position as one of the leading suppliers of dependable tension measurement systems for strip rolling and processing lines.*



ABB's high performance load cells, based on the unique Pressductor® technology principle, patented in 1954, are now celebrating their 50th anniversary.

The ABB PillowBlock load cells have proven their outstanding dependability in demanding strip tension measurement applications in both cold rolling mills and processing lines. The furnace section, always with high temperatures, is another important and demanding application where ABB PillowBlock load cells have been evaluated as the best solution.

The contract in Korea is for a Continuous Galvanizing Line (CGL). Totally 56 ABB PillowBlock load cells have been installed for strip tension measurement in different sections of the CGL, i.e. bridle rolls, furnace sections, entry and delivery loopers, the entry and the exit of the skin pass mill.

The contracts in China included more than 60 ABB Pillowblock load cells for installations in annealing & pickling lines and tension leveling lines.

The scope of supply for the contracts include Pillowblock Load Cells type PFTL 201 and PFCL 201 with ABB's new user-friendly digital Tension Electronics PFEA 11X-series.

The Korean and Chinese customers chose the ABB load cells due to the good experience of load cell installations in demanding applications and harsh environments. Compared to other types of load cells, the ABB load cells require a minimum of maintenance.

Strong local support from ABB has been another very important factor for the customers' evaluation of the different load cell suppliers.