



“Now we can just wake up the next day and find the warp beam being already finished due to the noticeable transformation in our manufacturing process.”

Zeng, Rui-Xiong
General Manager at Huaw Lon

Huaw Lon produces even more efficiently with shorter time and lower cost & waste as a result ...

PROFILE

Founded in 1990, Huaw Lon Special Textile Industrial Co., Ltd. was originally a small fabric trader. Now they become a mid-sized business, one of the major fabric suppliers and manufacturers in Taiwan, with around 90 percent of their sales coming from international markets. Their factory specializes in a full range of jacquard textiles, including leather for bag, sports fabric, luggage cloth, shoes textile, upholstery, office furniture fabric and so on.

By owning modern machines like high-end German made jacquard weaving machines and warping machines, Huaw Lon has the proven ability to handle any latest materials that customer requests. Many of their customers are famous global brands and have been building a long-term relationship with them for years.

Fast Facts of Huaw Lon

Industry:

Weaving Factory

Based in:

Taipei, Taiwan

Products Utilized:

LUTAN v5.0 | LUTAN v3.6
(Single-end Warping Machine)

CHALLENGES

As global fashion market towards fast fashion involves high turnover and short lifespan, weaving factories have to keep their capability on dealing with small batch production in diversified range of products. Especially, the whole industry compresses the traditional annual and seasonal cycles into just few weeks, but still put the inventory pressure on subcontracted factories. The trend changes the way it operates in this very traditional weaving industry, and therefore how to satisfy customer's diversified needs was also becoming a real issue for Huaw Lon several years ago.

Like most weaving factories, Huaw Lon was using the typical sectional warping machine which only caters to mass production. In order to get the creel ready for warping, a great number of yarns were required to be rewound into hundreds of yarn bobbin to meet the machine's unchangeable operating conditions, despite the fact that they didn't need that many yarns for weaving. In addition, during warping process, factory manager had to arrange three shifts of two workers each a day to watch the whole process. Apparently it's not a good way when they just need to make a textile sample as a trial or produce a small quantity order.

"We felt that the existing warping process was time-consuming and inefficient, and there certainly was "room" for improvement," said Zeng, Rui-Xiong, General Manager at Huaw Lon. To better achieve what their customers required, Huaw Lon started searching a solution which



Zeng, Rui-Xiong, General Manager at Huaw Lon in their show room

can help produce short-run warp beam effectively. That was when Huaw Lon met CCI and selected LUTAN v3.6, the Single-end Warping Machine, to solve their challenges.

SOLUTION & BENEFITS

Bringing LUTAN into production has enabled Huaw Lon to make operation of short-run order very seamless, delivering cost-effective scale and optimal resource utilization. In a break with the past, Huaw Lon no longer needs to prepare a large group of 200 yarn bobbins. Instead the new method just consumes about 8 to 10 yarn bobbins on average and there is no need to reconfigure yarn to required specifications, realizing material cost saving. Besides, benefited by computer-controlled technology, only one worker is required to take care of the operation from time to time. ***"The change in our manufacturing process has greatly increased the productivity, requiring less manpower and material,"*** said Mr. Zeng.

The warp beam generated by LUTAN at higher efficiency can be then sent to sampling studio and finishing factory for completing woven fabrics sooner than before. This leads to the greater capability of turning new design into textile sample or small volume production in a relatively short time scale, decreasing from around 7 days to 3 days. It's even possible to get warping process done within 3 to 4 hours on average. Moreover, they are now capable of taking order under 100 yards in length. This noticeable transformation has significantly impressed and delighted many of their customers.

"When the new machine had been installed for a couple of months and was already proving to be of huge benefit to us and our customers. Few years later, we bought 2nd warping machine, LUTAN v5.0, from CCI to further streamline our operations," said Mr. Zeng. ***"By using LUTAN, Huaw Lon can stay***

ahead of schedule on nearly every short-run beam production and enjoy a significant cost & time savings, encouraging more collaboration with our customers,” he added. Since introducing LUTAN into Huaw Lon, they have been already making over 12,000 warp beams in total. Overall, they are able to

drastically reduce costs on fabric sample and small quantity order, which would have cost them considerably had they chosen to go with traditional method.



CCI's LUTAN v5.0 and v3.6, Single-end Warping Machine, installed in Huaw Lon's factory

SUSTAINING SUCCESS

Huaw Lon believes innovation is critical. They always quickly respond to external challenges to adapt to evolving market trends, which is also the major reason their customers rely on them. In Huaw Lon, sampling has become the top-priority mission, just as important as fulfilling sales order. Their ultimate goal is to reduce lead time and elevate service & product quality by further reforming business procedure.

When talking about the market trend with the greatest potential, Huaw Lon points to green materials because of its considerable development

opportunities. It's now in high demand with the environmental awareness on the rise. They have already cooperated with many customers for the new material development and there have been good results. What is sure is that Huaw Lon will continuously improve themselves to deliver best quality to customers.

For more information, please visit our Website at <http://www.ccitk.com>.

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