



Sustainable Mechanical Engineering, e-commerce and More!

Despite extremely difficult conditions during the pandemic, Enpro performed well, keeping to promised delivery dates. By placing orders with its own suppliers well in advance, Enpro were able to keep delivery times short as usual.

Like all other machine builders, Enpro had to deal with extreme difficulties of parts availability during the pandemic. Double order intake with delivery times from suppliers of up to more than one

year, especially in the electrical sector, made this seem almost impossible at first.

Some customers have postponed deadlines, as they also had to overcome special challenges due to the difficult availability of parts for preparation at their facilities. In particular, last-minute postponements required a particularly high degree of flexibility on the side of the Enpro service team.

Now that the high demand has normalised as the pandemic subsides, the time has come when they can once again focus on new developments.

Automatic Reel Splicers

The fully automatic splicer for silicone paper developed by Enpro can now be offered for sale after all work, including the patent application, has been completed. From now on, there is no longer any need for production downtime during reel change. The fully automatic splicer is integrated into the unwind of new presses and

therefore requires no additional floor space. Of course, the fully automatic splicer can also be retrofitted to existing lines. For this purpose, Enpro provides the customer with loan units during the rebuild phase of its units. The company always keep a number of rental units available for customers at short notice. These can also be rented from Enpro to cover order peaks. As of now, the fully automatic splicer can be ordered for disc rolls in widths from 20mm to 30mm.

In the future, this concept is to be extended to all widths that Enpro has so far processed for non-self-adhesive strips from 6mm to 80mm. The thicker and stronger reinforcing strips pose a particular challenge here.

Special challenges also have to be overcome with narrow strips. Here, too, developments are progressing in great strides. The self-adhesive 3-30mm strips currently in use are to be taken into account in the fully automatic reel change in the future. Since the self-adhesive materials are traditionally supplied on cross-wound reels, these have considerably more linear meters, which means that the need for automatic reel change is not as urgent here. But here, too, machine downtime during reel change is associated with lost production time. Special challenges also have to be overcome with narrow strips. Here, too, developments are in progress.

Sustainable Machine Builder

Enpro has always been committed to sustainability. This is reflected in the solid and durable construction of the products. Likewise, much emphasis is placed on the possibilities of upgrading the equipment to the

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latest technological standards. In the future, Enpro would like to focus more on the development of machines and aggregates that produce products that meet all the latest sustainability criteria. Since in the future more and more processes will be sought to replace plastic products with products made from renewable raw materials, Enpro sees great potential for further and new development in this area. Here, Enpro develops concepts in close communication with customers that make this possible in the best possible way.

Just as Enpro brought the application of silicone paper to a new technical level more than 10 years ago, they are happy to make their potential available to customers in other areas as well. They will be able to do this better than ever because they employ designers, programmers, electronic engineers and assemblers from all branches of mechanical engineering. Furthermore, the company benefit here from the short manufacturing times for prototype systems, due to state-of-the-art machining as well as 3D printing.

With the expansion of the production facility, Enpro has set the best conditions for an innovation center. Since it cannot be ruled out for prototypes, even with the best possible tested equipment, that unexpected anomalies may

occur at the customer's site under prolonged production conditions, the 24/7 service benefits customer.

At the beginning of 2020, Enpro introduced a 24/7 service hotline, and customers have had a good experience. At any time, direct contact with a technician is possible, who can connect directly online to the system and also provide the best possible visual support with camera glasses. This 24/7 service is also available to our partners and subsidiaries in other countries.

Safety Technology

Of course, Enpro's products have always been CE certified. In the future, the products will also carry the GS mark for 'Proven Safety'. Furthermore, additional safety devices such as light curtains and area scanners are available in various options at the customer's request. The various expansion options can be individually adapted to the relevant customer requirements.

Mechanical Engineering as a Passion

Starting with the company founders, the enthusiasm for mechanical engineering is found in the whole staff of Enpro. Thus, new processes are constantly sought and developed, as well as existing solutions optimised, which are of great value in production at the customer.

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