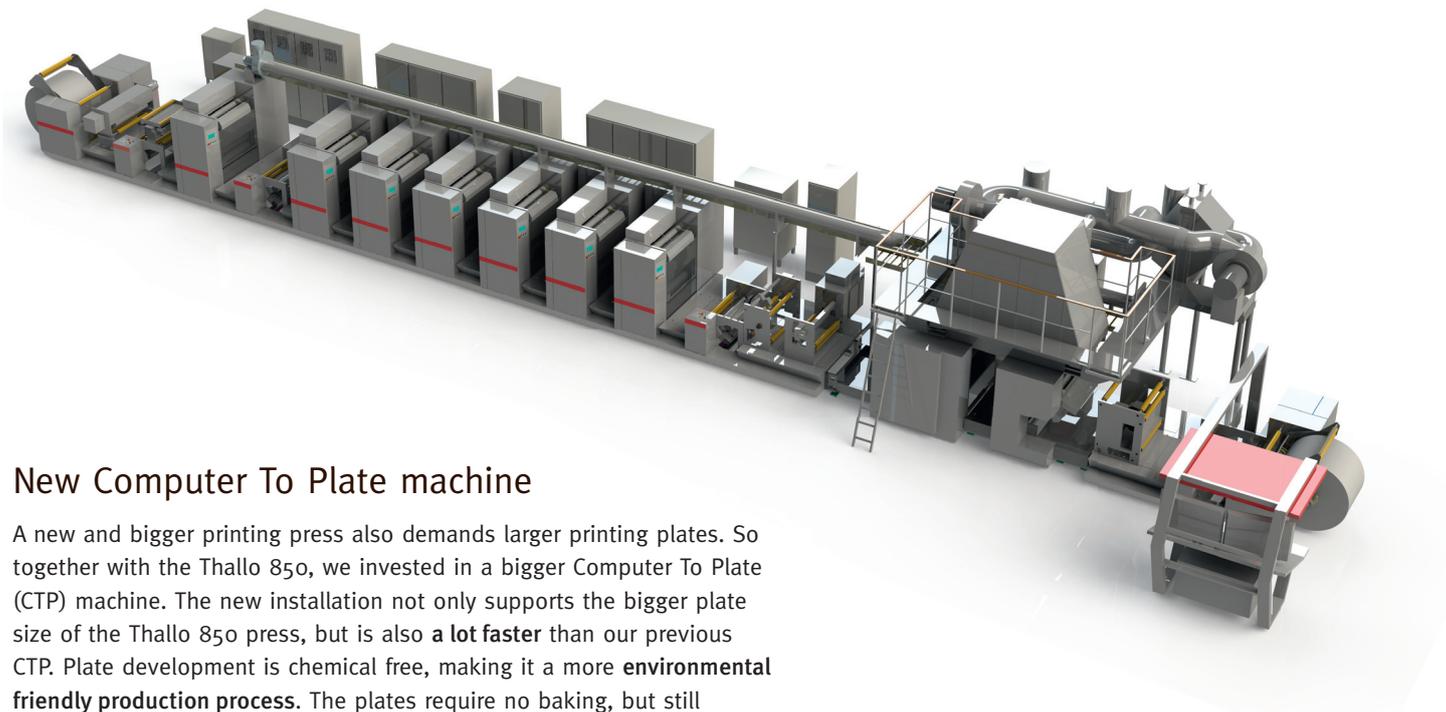


New Thallo 850 web offset press

As the demand for labels has been growing year after year, our production capacity was no longer up to the task. To solve that shortcoming, we have recently installed the latest generation of DG Press Machines' variable sleeve web offset press for flexible packaging printing. The new Thallo 850 web offset press has a **larger web width of 850 mm** and is capable of **printing both IML and WAL labels at a speed of 400 m/min on substrates ranging from 12 to 200 µm.**

We believe that offset still offers numerous key advantages over the established flexo and gravure printing techniques. **High quality, flexibility, cost advantage and food safety**, just to name a few. Furthermore, since this web offset press uses no solvent based inks, it is an environmental friendly way of printing. For all these reasons we decided to stay with this technique and invest in the new Thallo 850 printing press.

Just like our other presses the new Thallo 850 press is equipped with **variable sleeves**, making it possible to **easily change sizes** without having to completely change the unit, thus a **very cost effective way of printing different repeat lengths**. This highly innovated press is equipped with next generation technologies, such as **motion control**, allowing for unique control of the web tension and substrate flow through the press. It has **inline color measurement**, resulting in **consistent color stability** throughout the entire print run. The 850 mm web press generates a **40% higher output** than our existing machines and makes it possible to print **bigger labels** or combine more different designs in the same run. With its 7 colors and lacquering unit, the **Thallo** is therefore ideally suited to produce even the most demanding designs at the best printing quality.



New Computer To Plate machine

A new and bigger printing press also demands larger printing plates. So together with the Thallo 850, we invested in a bigger Computer To Plate (CTP) machine. The new installation not only supports the bigger plate size of the Thallo 850 press, but is also **a lot faster** than our previous CTP. Plate development is chemical free, making it a more **environmental friendly production process**. The plates require no baking, but still **support bigger print runs without loss of quality**. In short; bigger, faster and improved image quality on the plate.

Central cooling and improved air humidification

More machines produce more heat, and our existing cooling system was having a hard time keeping temperatures within the required margins for a stable production environment. Besides air cooling, several units of our offset presses, such as the dampening and inking system, need to be cooled as well. So instead of installing several decentralized units, we opted for a centralized glycol cooling installation. **The new cooling system is powerful enough to efficiently dissipate all the heat generated by our entire printing plant.** This glycol cooling technique, in combination with water-cooled systems, is **a lot more energy efficient than traditional cooling systems**, making it also more environmental friendly. This resulted in a dramatic drop of our energy consumption. At the end of the day, all these efforts result in **making labels more green.**

New laminator

To support our new Thallo 850 press, **we installed a bigger custom build laminator.** As you might know already, Vuye Flexible Packaging is one of the few packaging specialists who **cover labels with an additional transparent laminate.** Thanks to this **unique process**, your labels will not fade and are **more scratch resistant.** The perfect solution for products involving autoclaving and pasteurization, or with a long service life.

New Slitter Rewinder

In accordance with our bigger print format of 850 mm, we also expanded our machine park with a DCM slitter-rewinder with two rewinding shafts. Thanks to both standard and circular knives, the machine has a **higher production rate** resulting in a greater machine output for both paper, foil and laminate applications. An electronic web tension control assures a constant web tension for precise cutting with smooth and uniform reels as a result.

New rotary die cutting machine

This rotary die cutting machine was custom built for us to support our printing width of 850 mm. It is a **totally independent offline machine**, designed for the fast production of **labels of various shapes and thickness.** From printed reels, the machine is able to cut a variety of materials such as OPP, PVC or paper. A running speed of up to 100 LM/min contributes to achieve maximum production output with minimum manual operations.

*As you could read, we are constantly working to **improve the quality of the labels we produce for you.** Investing in machines that make use of the latest innovations and technologies is an important part of this strategy, but it doesn't stop there. A lot of 'invisible' work behind the scenes is also done to improve our service. Training and education of our staff is also an important part of the continuous **investments we make to give you a better service and products.** We hope you enjoyed reading our newsletter, and look forward to seeing you soon when **you come to visit us.***