

imaginative engineering

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New cut-length machine for Godfrey Hirst Australia

Last year we installed a new cut-length machine at Godfrey Hirst in Australia. This was the first of the new generation of ETF's M 5630 cut-length machines. The complete machine was redesigned to meet today's engineering standards. We took into account the feedback we got from our customers over the many years that we have already delivered this type of machinery.

The main aspects of the redesign were:

- More solid construction of e.g. supply table cradle, unrolling wagon, belted table, etc.
- Only direct motor assemblies were installed on driven rollers, to save on future maintenance costs (no chains)
- The new generation has a high bed table, so it's easier for cleaning purposes
- New heavier duty cross-cutter, also with larger diameter cutting blades
- Improved operators' operation system



Dear reader,

Once again a new year has started. So let me begin by wishing you, your family and colleagues all the best for 2018.

We at ETF can conclude that we had a very good 2017 and that we are again optimistic for 2018. We hope that all our customers can say the same.

We recently extended our factory by another 1,200 m², something which was needed due to the growth of the last few years. Especially last year we experienced an increase of our machinery activities. In fact, for three years in row we were recognised by the Dutch economic newspaper 'Financieel Dagblad' as we have been growing at least 20 % per year. Because of this we are also changing our organization and we recently appointed an Operations Director and we are also recruiting more engineers in all fields.

I would like to thank all our customers for the trust they have given to us over the years. Thanks to all of you, we have been able to grow. We believe that our machinery technology and reliability are the main reasons for this. With the growing number of machines around the world, we also believed that our service levels should be increased. We therefore have extended our service hours and we can offer 18/6 support within a set time frame to all our customers who have modern connected ETF machines. We have also appointed an extra engineer for service support (see also page 4).

In this ETF News we will report about our recently fully modernized cut-length machine which is the leading product within the ETF range of machines. Service aspects and even further improving the reliability are the main features of this improved generation of cut-length machinery.

If you are visiting DOMOTEX this year, I hope that we can welcome you at our booth where our team can discuss with you the possible future plans. Listening to our customers and trying to fulfil their specific demands is still one of our strongest qualities. Our vision remains to sell custom-designed equipment and not just "standard" equipment. Our 67 years of experience is there to work in your benefit!

Ruud Koppens, President

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The cut-length line at Godfrey Hirst included the full machine with all its options. These included a foil dispenser for 3 different foil widths, a tube dispenser for 2 tube widths, a conveyor system which also integrated an already existing cut-length machine in order to bring rolls to a new roll-sorting system with 10 sorting positions. Furthermore, as is more or less standard today, the machine is directly linked to the customer's computer system for the direct transfer of data, such as width, length for cut-length, destination, etc. so that only minimum settings per order are required by the operator.

After having supplied already around 150 cut-length machines all over the world, the new generation will ensure that many more will follow!



ETF Versatile rolling machine type M 5728

COLUMN

DOMOTEX BOOTH NUMBER A23 HALL 011



ETF participates in DOMOTEX 2018

This world's leading exhibition in the field of floor coverings will take place from 12th to 15th January 2018 at the exhibition site in Hannover, Germany. DOMOTEX is the place where all the major suppliers come together every year to present the complete range of floor coverings available worldwide.

ETF Machinefabriek B.V. will be participating in this fair and you are very welcome to visit us on **a new location: booth number A23 in hall 011.**

We look forward to seeing you there!



DOMOTEX 2018, 12 - 15 January // Hannover

Outlet line for Mexico

At the beginning of 2017, ETF installed a new outlet line at one of its much valued customers in Mexico. Here, at the end of a production line which produces abrasive materials with a width up to 2 meters, an accumulator, a versatile rolling machine and a wrapping winder were installed.

After the abrasive material is produced it can be temporarily stored in an accumulator. This gives the operator the opportunity to, for example, eject a ready roll and start a new roll on the rolling machine without the need to stop the line. The accumulator is equipped with a motor driven balancing system for the accumulator bridge which results in a perfect tension control.

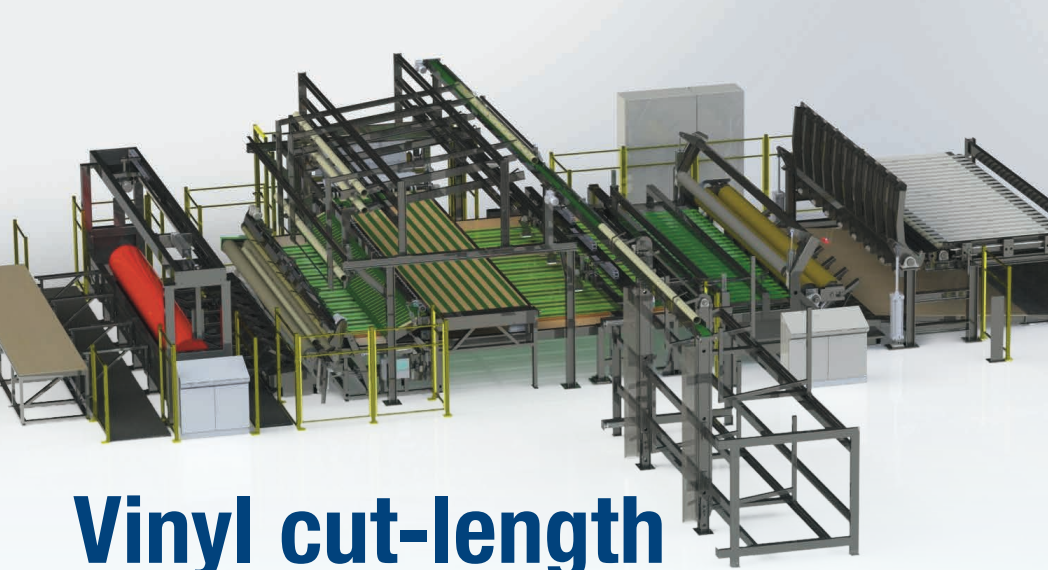
The versatile rolling machine type M 5728, which was completely redesigned in 2015, creates straight and tight rolls. Since the material is only

cut in the cross direction after the ready roll is ejected, the material stays between the main rollers continuously which means that this type of rolling machine is also very beneficial for both very flexible and lightweight materials. A width guiding system under the rolling machine controls the straight winding of the rolls.

In order to create tight rolls, e.g. to save transport volume, the rolling machine is equipped with a driven push roller. This roller pushes on the roll during winding which creates extra tension.

Since the push roller is driven, no material loops will be formed in front of the roller.

After the roll is wound, it is ejected onto a wrapping winder where the roll is manually wrapped while the next roll is already being prepared on the versatile rolling machine. The wrapping winder is equipped with load cells to measure the weight of the total roll.



Vinyl cut-length machine USA

For one of our US customers, a cut-length table was shipped out of the ETF facilities in early October. The machine has been designed to handle vinyl rolls up to a width of 5 meters and rather large diameter rolls of up to 565 mm combined with weights of up to 1000 kg.

Though the machine is known as cut-length table, the machine can also re-roll parent rolls for e.g. inspection or a re-wrap. Depending on the productivity requirements, the machine can be operated with one or two operators. As the machine will be operated in a higher-end product range, the machine has been provided with an accurate non-contact length measuring

system, on line wrapping, guided slitters, a tube dispenser and several more options which allow the machine to perform to expectations in a highly demanding environment. The machine will be linked with a management warehouse system for easy and efficient management of the roll data to and from the machine.

Extension ETF Service Support

As of January 3rd, 2018 ETF is extending its service support to its valued customers. At the moment the ETF service department can be reached during weekdays from 07:30 till 17:00 hours. However, as many of our customers also operate their ETF equipment outside of these hours, we feel that some additional service support would be very welcome to them.

What are the benefits for our customers of this extended service support?

- An experienced ETF service engineer will be available for telephone support from Monday up to and including Saturday from 6.00 till 23.00 hours (Amsterdam time*).
- Within one (1) hour after contacting our service department, the service engineer can log into your ETF equipment through the modem to analyse the functioning of it and to trace the cause of any problem.
- If a problem cannot be solved through telephone support, the service engineer will try to arrange a visit of an ETF engineer, or arrange for parts to be sent as quickly as possible.

For more information or to register for the extended service support, please contact our sales department at sales@etf.nl.

* Amsterdam time = GMT/UTC +1 (winter) / GMT/UTC +2 (summer)

ETF Machinefabriek B.V.
P.O. Box 2703
6030 AA NEDERWEERT, HOLLAND
Phone: +31 (0)495 677000
Fax: +31 (0)495 632323
E-mail: sales@etf.nl
www.etf.nl

ETF-USA Corporation
P.O. Box 2506
DALTON, GA 30722, USA
Phone: +1 (706) 278 1511
Fax: +1 (706) 278 3511
E-mail: harrell@windstream.net

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