

## Communication – April 2021

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### KEEPING YOU AHEAD IN DRIP IRRIGATION

THE Machines Yvonand SA – Switzerland present its latest serial build of 3 production lines to make seamless labyrinth tape drip irrigation tubes.

Severe drought, especially but not only in the summer months, is now reaching more countries and threatening farmers' yields every year. In the past THE used to supply irrigation technology for regions mainly around the equator, today we already install every 2nd line in Europe. The continuous serial production of complete lines allows us to continuously develop processes, thus achieving the highest productivity ratios, an important prerequisite for realistic ROI periods. THE is specialized in planning and commissioning of complete turn-key projects, also for newcomers in this fast growing segment.

Available on  YouTube <https://www.youtube.com/watch?v=Y0aW95JaTd8>



#### The key performances of our technologies include:

- Production speeds at 300 m/min
- From cold-start to quality product in ~1h and 3 full quality spools in less than 1h50'
- Short heat-up time of the complete line to "Production Ready" state
  - With optimized heating cycles to save on electrical power consumption
- Short polymer dwell time means less polymer degradation.
- Low purging time and start-up waste < 15 kg
- Proven THE extruder with smaller size, yet high performance
  - Less noise pollution (< 80 dB) and low energy consumption (~ 45 kW thin wall, ~ 60 kW thick wall)
- Ease of use – Simple Line Control (HMI) - Single operator process

For further more detailed information, please don't hesitate to contact us.