

## Communication – January 2022

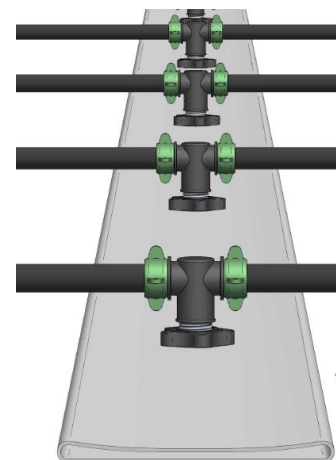
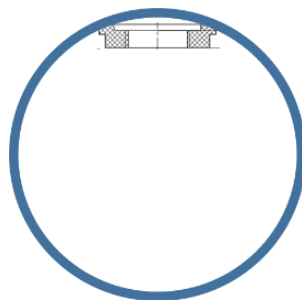
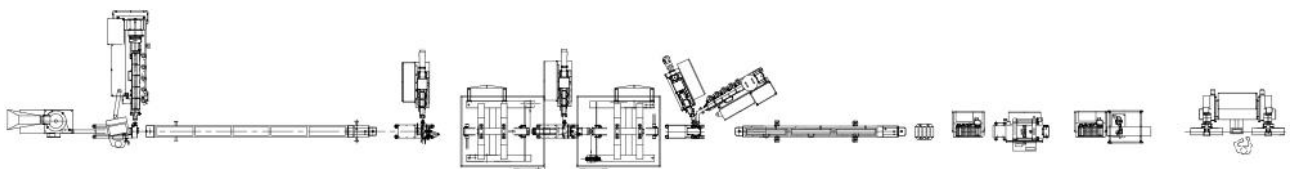
### PE Seamless LAYFLAT Hose Extrusion Line with Integrated Outlets

Supply and distribution of water to Irrigation laterals in the field has vastly evolved in the past 20 years. From aluminum, and later on rigid PE pipes, to PVC-polyester reinforced flexible & collapsible "Layflat" hoses, and onward to all-polyethylene dedicated solutions to this application.

Layflat hoses have rapidly proven their advantages over the "rigid" solutions with significantly reduced logistical & handling costs. Polyethylene Layflat emergence has taken the solution forward introducing recyclability and reduced weight. Additional step made to respond to market trends and demands was with integrated, dedicated outlets for quick lateral connections, enabling labour savings.

Challenges facing these evolved PE products are of twisting/"snaking" effects, mainly due to overlap construction, along with the fabrication complexity and consequent costs.

THE Machines has stepped up to the challenge and introduces a novel solution – an Extrusion line made to fabricate in a single step an all-polyethylene seamless reinforced Layflat hose, with integrated outlets.



## Features and benefits

- Polyethylene composition: recyclable & substantially lighter than PVC
- Seamless construction: dimensional uniformity when deployed in field
- Production line: made to fabricate the product in a "Single-Step"
- Integrated outlets: provide labour savings

## Applications

- Drip Irrigation Single Season
- Drip Irrigation Multi Season

## Technical data

Hose Diameter	Ø50 - 160	mm   2'' - 6''
Max Pressure	4.0	bar
Production Speed Max	10	m/min
Coil type	pad	
Integrated Outlets	optional	

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