



Film



Flexible



Post-  
consumer



With ink



High  
moisture



Contam-  
inated



Pre-  
washed



## Main characteristics /



1 **Feeding belt** with metal detector to work with film or materials with very low bulk density.

2 Large **compactor** to precondition the material and obtain the maximum extrusion performance. The material is cut, heated, dried and agglomerated.

**Optimum performance** with very low density materials (i.e. LDPE Film) thanks to a specific design and the Heat Energy Transfer (HET) Technology.

3 Large (L/D 40) **single-screw extruder** to ensure maximum homogenisation and plasticisation of the material.

- Includes the best reducer for extrusion applications and the highest efficiency motors.
- Precise and efficient temperature control by infrared (heating) and thermal oil (cooling).

4 Double outlet **degassing system** with vacuum pump for the removal of gases and volatiles. Different configurations to adapt to the conditions of each material.

5 **High-performance filter** for processing highly contaminated materials. Filter option pistons with self-cleaning or continuous laser filter (FIMIC or Ettlinger).

6 **Water ring pelletiser** suitable for all materials with MFI <30 and moderate filler content.

7 **Vibrating sieve and centrifugal drier** to remove water and particles of unwanted sizes. Innovative system for filtering and collection of fines.

8 **Silo with weighing system** to control the production and bagging of the pellets.

## Benefits /



### Maximum profitability

- Highly competitive prices
- Optimal production/energy consumption ratio
- Wear parts repair



### Quality pellets

- Screw and barrel made of the best bimetallic steel
- Premium quality components
- Full control of critical parameters



### Efficient after-sales service

- Excellent response time to breakdowns
- Remote assistance through augmented reality
- Immediate availability of key parts



### Flexibility

- Development of customised solutions
- Solutions for specific needs
- Integration of new existing technologies

## Models /

	Velox 80	Velox 100	Velox 120	Velox 140	Velox 160	Velox 180	Velox 200
Output (kg/h)	250-350	450-550	600-800	900-1100	1500-1600	1600-2000	2000-2300
Screw diameter (mm)	80	100	120	140	160	180	200
L/D	40	40	40	40	40	40	40
Compactor diameter (mm)	1100	1300	1500	1500	1700	2000	2000
Energy efficiency (kWh/kg)	0,2-0,32	0,2-0,32	0,2-0,32	0,2-0,32	0,2-0,32	0,2-0,32	0,2-0,32

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