

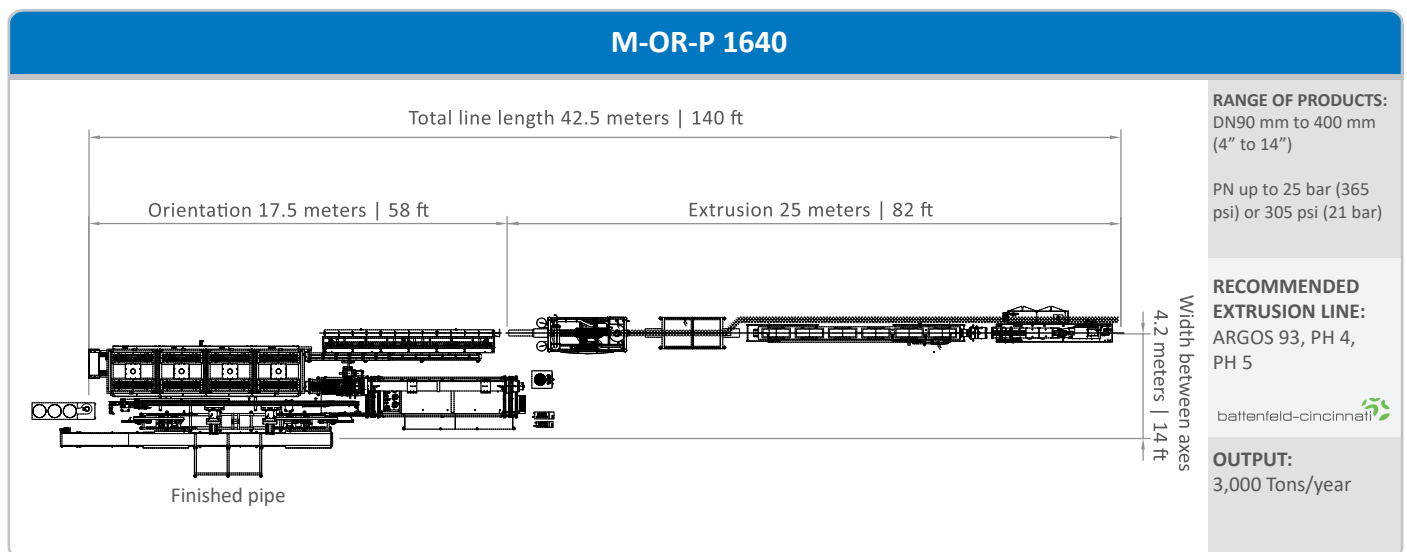
The Genuine Air Technology to achieve
the most of PVC-O pipes

M-OR-P 1640

The greater range of diameters and pressures

The **M-OR-P 1640** technology makes pipes for the supply of potable water under pressure in cities and secondary networks, for urban and industrial applications, reclaimed water systems, fire networks and irrigation, for the private and public sector.

Lay-out



Overcoming technologicas walls

Molecor Technology manufactures **class 500 PVC-O pipes**, the highest, in line with the extrusion line, achieving the best mechanical properties in a **cost efficient process** and the **maximum savings**, of around 50%, according to specific local criteria. The improved mechanical properties of the PVC-O allow its production with **lower consumption of raw material** versus pipes with the same requirements of working pressure.

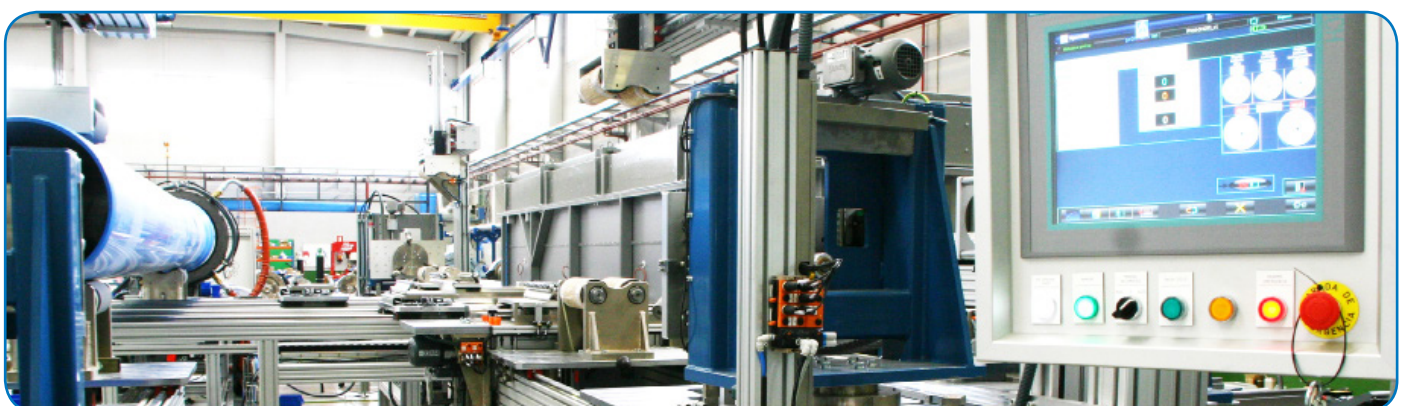
Diameter: from DN90 mm to DN400 mm / 4" to 14"

Pressure: PN25 bar / (365 psi) or 305 psi (21 bar)

Socket system: integrated or ISS+

Orientation degree: Class 500

Output: 3,000 Tons / year



Molecor, leader in the development of technology for PVC-O pipe production



Molecor is a leader company specialized in the development of the latest technology applying **molecular orientation** to pipeline solutions with astonishing mechanical properties.

Molecor offers the **technology for PVC O pipe manufacturing** adapted to any specific need, technical requirement and market standard.

For that purpose, Molecor builds long term relationships with its clients to back up every phase of the project, before, during and after the industrial technology implementation.

- **Efficiency and productivity:** air system.
- The **highest product range**.
- Continuous **technical service**.
- Maximum **savings** in costs: class 500.
- **Compatible** with conventional extruding line.

Standards

M-OR-P 1640									
CEN	ISO	AS/NZS	ASTM		AWWA	CSA		NBT	SASO ISO
17176	16422	4441	1483-05		909-09	B137.3.1		15750	16422:2009
DN mm	DN mm	DN mm	DN inch		DN inch	DN inch		DN mm	DN mm
			IPS	CIOD	CIOD	IPS	CIOD		
90	90	80							90
110	110	100	4"	4"	4"	4"	4"	100	110
125	125								125
140	140								140
160	160	150	6"	6"	6"	6"	6"	150	160
180	180								180
200	200		8"		8"	8"			200
225	225	200		8"	8"		8"	200	225
250	250	225							250
280	280	250	10"	10"	10"	10"	10"	250	280
315	315								315
		300	12"	12"	12"	12"	12"	300	
355	355		14"		14"	14"			355
400	400			14"	14"		14"	350	400