

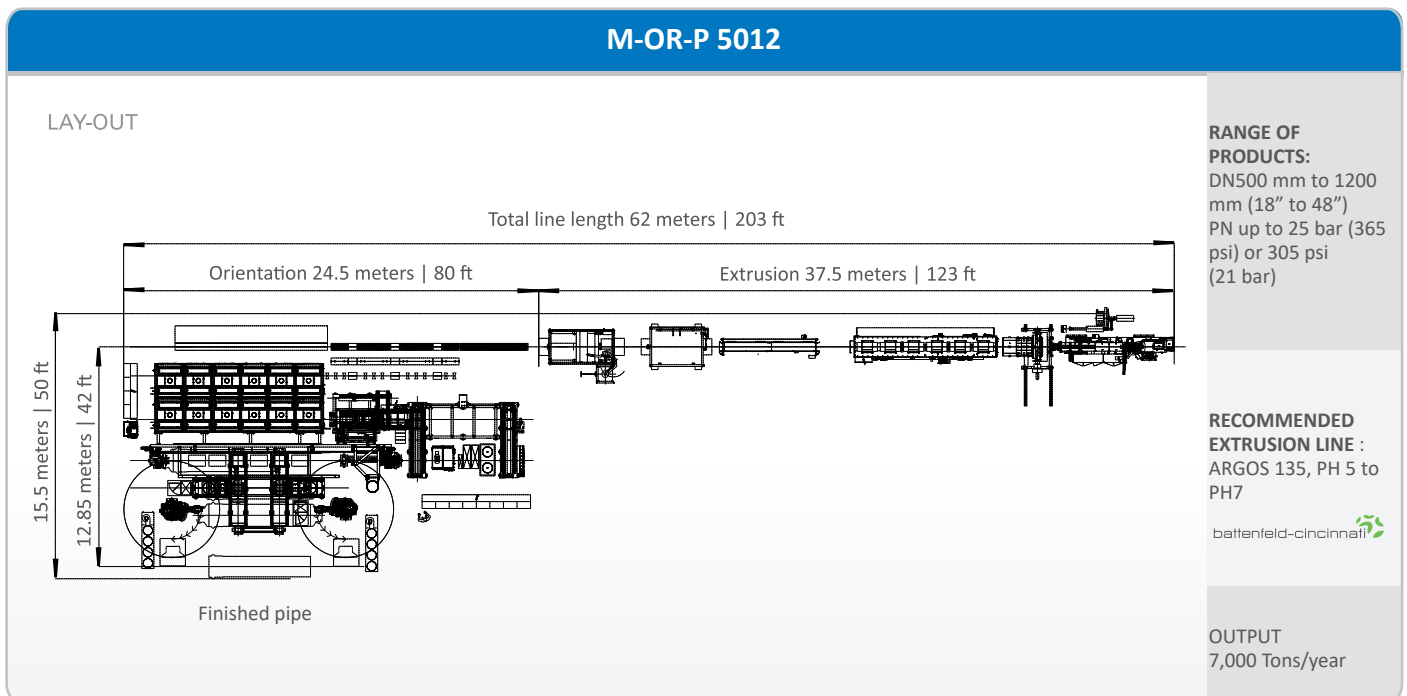
The Genuine Air Technology to achieve
the most of PVC-O pipes

M-OR-P 5012

The technology to manufacture the largest PVC-O pipes

Molecor has developed the first system in the world able to manufacture **PVC-O pipes** up to the diameter **DN1200 mm (48")**. This system **M-OR-P 5012**, is able to manufacture pipes from **DN500 mm (18") to DN1200 mm (48")** which can be used in the main distribution networks for high pressure water supply, uptake in lakes, desalination stations or other municipal or state major projects.

Lay-out



- **Diameter:** from DN500 mm to DN1200 mm / 18" a 48"
- **Pressure:** PN25 bar / 305 psi

- **Socket system:** integrated or ISS+
- **Orientation degree:** Class 500
- **Output:** 7,000 Tons / year

The biggest PVC-O pipe in the world

In only 62 meters length, this system allows manufacturing **PVC-O pipes** from DN500 mm (18") up to DN1200 mm (48"), something that had never been done before.

This 62 meters include the standard equipment of an extrusion line: the extruder, the vacuum tank, the spray tank, the haul off and the saw as well as the exclusive orientation equipment developed by **Molecor** which is fully compatible with standard extrusion lines of pipe factories.



Standards

M-OR-P 5012									
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		
500	500	500	20"	18"	18"	20"	18"	500	500
560	560	560		20"	20"		20"		560
630	630	600	24"	24"	24"	24"	24"	600	630
710	710	750	28"	26"	26"	28"	26"	710	710
800	800	800	30"	30"	30"	30"	30"	800	800
900	900	900	32"	34"	34"	32"	34"	900	900
1000	1000	900	36"	38"	38"	36"	38"	900	1000
1100	1100	1000	40"	40"	40"	40"	40"	1000	1100
1200	1200	1100	44"	44"	44"	44"	44"	1100	1200