

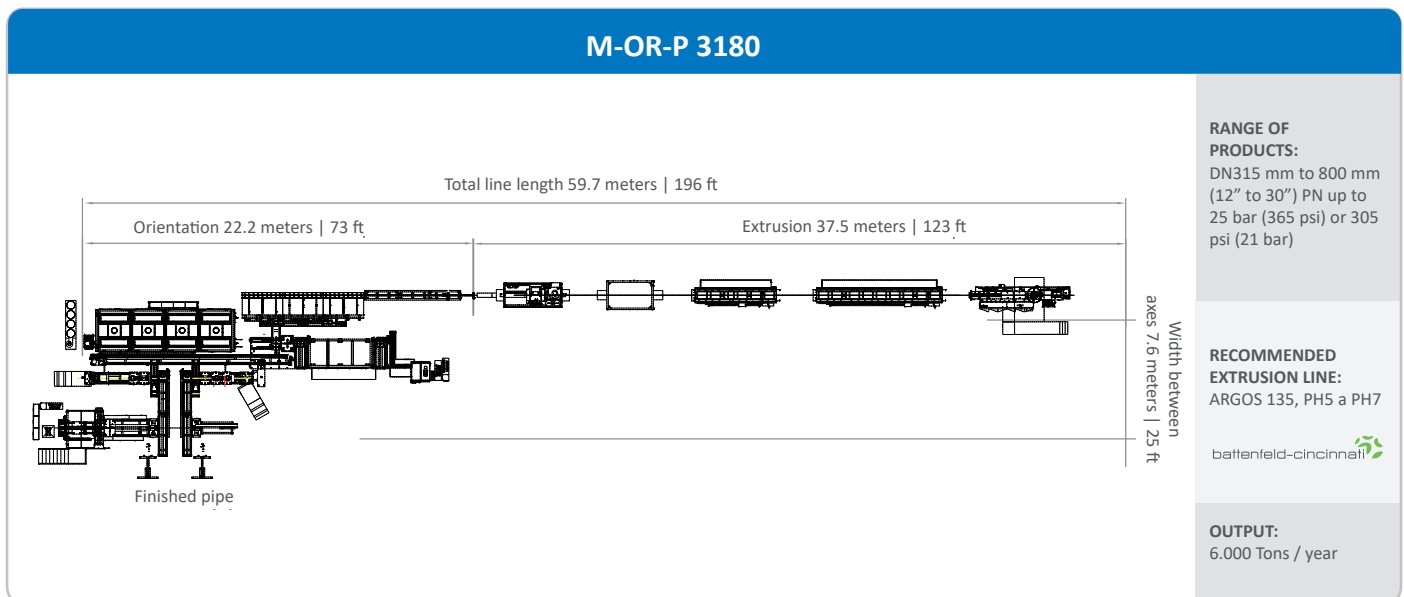
The Genuine Air Technology to achieve
the most of PVC-O pipes

M-OR-P 3180

A robust equipment for the most demanding projects.

The **M-OR-P 3180** system has been designed to manufacture large diameter pipes 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



Standards

M-OR-P 3180									
EN	ISO	AS/NZS	ASTM		AWWA	CSA		NBR	SASO ISO
17176	16422	4441	1483-05		909-09	B137.3.1		15750	16422
DN mm	DN mm	DN mm	DN inch		DN inch	DN inch		DN mm	DN mm
			IPS	CIOD	CIOD	IPS	CIOD		
315	315		12"		12"	12"		300	315
355	355	300	14"	12"	12"	14"	12"		355
400	400	375	16"	14"	14"	16"	14"	350	400
450	450		18"	16"	16"	18"	16"	400	450
500	500	450	20"	18"	18"	20"	18"	450	500
560	560	500		20"	20"		20"	500	560
		560	24"				24"		
630	630	600		24"	24"	24"	24"	600	630
710	710		28"	26"	26"	28"	26"		710
800	800	750	30"	30"	30"	30"	30"	710	800
								800	

Technology to manufacture the widest range of PVC-O pipes

The DN800 mm (30") PVC-O pipe was developed by Molecor, becoming the only company in the world able to manufacture this diameter achieving thus a new milestone for the company and a new inflection point for the sector.



Due to the demand of sustainable and efficient pipeline infrastructure projects a development on bigger diameters and higher pressures was pursued, reaching PVC-O pipes of DN800 mm (30") diameter and pressures of PN25 bar (365 psi).

This system allows, in less than 60 meter length, to manufacture PVC-O pipes from DN315 to DN800 mm.

This length includes the extruder, a nine meter vacuum tank, a six meter spray tank, the haul off, the saw, and the orientation equipment. It is 100 % compatible with standard layouts on plastic pipe factories.

- Very robust system for heavier pipes
- Molds and receivers with high safety factors using international designing code: ASME VIII
- Mechanical and electrical security systems. Fail-Safe concept
- Servo-Hydraulic devices in order to achieve more accurate results
- More powerful and energy efficient oven

- **Diameter:** from DN315 mm to DN800 mm / 12" to 30"
- **Pressure:** PN25 bar / (365 psi) or 305 psi (21 bar)
- **Socket system:** ISS+
- **Orientation degree:** Class 500
- **Output:** 6,000 Tons / year

