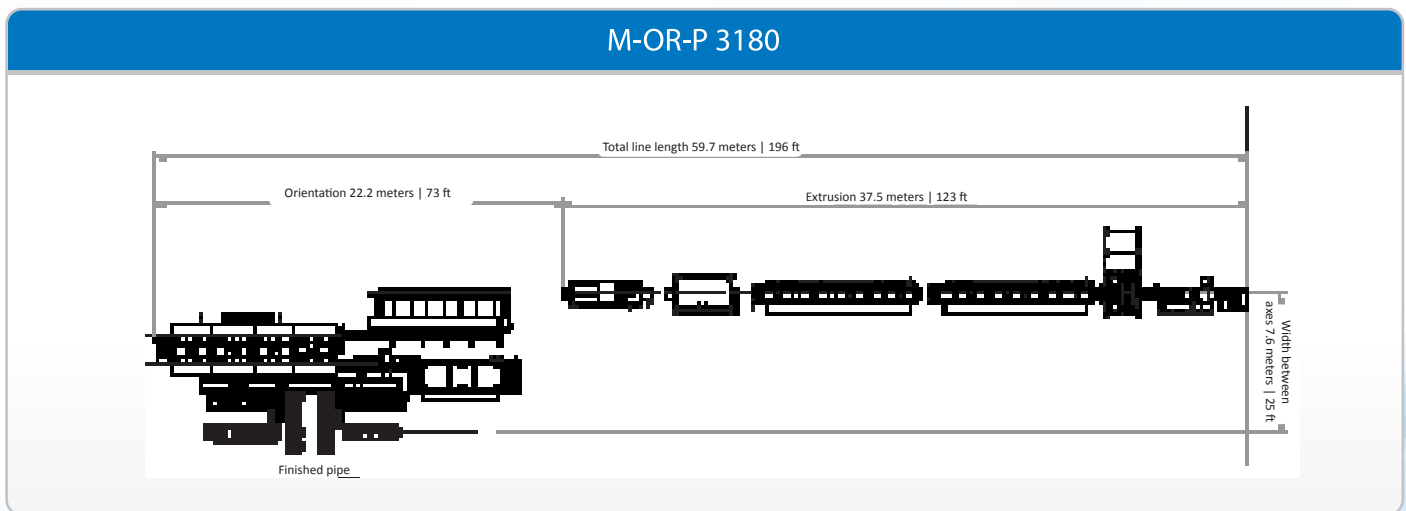


The Genuine Air Technology to achieve
the most of PVC-O pipes

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.



- Diameter: from 315 mm to 800 mm / 12" a 30"
- Pressure: PN 25 bar / 305 psi
- Socket system: ISS+
- Orientation degree: Class 500
- Output: 6,000 Tons / year

Standards

M-OR-P 3180								
ISO	AS/NZS	ASTM		AWWA	CSA		NBT	SASO ISO
16422	4441	1483-05		909-09	B137.3.1		15750	16422:2009
DN mm	DN mm	DN inch		DN inch	DN inch		DN mm	DN mm
		IPS	CIOD	CIOD	IPS	CIOD		
	300	12"	12"	12"	12"	12"	300	
315		14"	14"	14"	14"	14"		315
355	375	16"	16"	16"	16"	16"	350	355
400		18"	18"	18"	18"	18"	400	400
450	450	20"	20"	20"	20"	20"	450	450
500	500	24"	24"	24"	24"	24"	500	500
560	560						560	560
630	600						600	630
710	750	30"	30"	30"	30"	30"	700	710
800							800	800

The biggest PVC-O pipe in the world...

The biggest PVC-O pipe has been developed by Molecor®, a pipe of **DN 800 (30")**.

The manufacturing of this pipe is preparing the field for our next development DN 1000 (36").



Due to the demand of sustainable and efficient pipeline infrastructure projects a development on bigger diameters and higher pressures has been pursued, reaching PVC-O pipes of DN 800 mm (30") diameter and pressures of PN 25 (365 psi).

This system allows, in less than 60 meter length, to manufacture a 800 mm PVC-O pipe.

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

