

Corma Vacuum Forming Corrugators

Model 430

For pipe sizes:
0.25 inches I.D. to
6.30 inches O.D.
(6 mm I.D. to
160 mm O.D.)



Model 430 illustrated*

Some of the advantages of Corma Corrugators that have made the Model 430 series a best seller, the world over:

- Corma corrugators feature very strong and precise construction, able to withstand the rigorous demands of day to day production. All Corma corrugators are backed by a three year mechanical warranty.
- Corma corrugators are of vertical construction. This design is extremely user friendly and has been proven for over 40 years. The top and bottom housings are held in place by four columns which keep the machine in perfect alignment. With the centre height adjustment, each Corma corrugator can make a very large range of pipe sizes; providing production flexibility at lower capital investment.
- Corma corrugators accept almost all blow and vacuum formable materials including PVC, PE, PP, Nylon, TPR, Teflon and others. Modifiers such as flame retardants, EVA etc. can be added.
- Corma corrugators are available in either blow molding or vacuum forming design.
- Corma corrugators are manufactured under strict ISO 9001-2008 procedures to meet customers' requirements and bear the CE stamp of conformity to the European technical and safety standard.

Corma offers standard systems capable of producing pipes of virtually all sizes, from extremely small pipes with inside diameter measuring as little as 1 mm (0.040 in.) to enormous pipes with outside diameters measuring as much as 3000 mm (120 in.).

Corma supplies Single Wall, Double Wall, Triple Wall, Rib Pipe, Ultra Rib, and Corma Solid Wall Pipe production systems as complete turnkey installations or as individual components.

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Technical Data

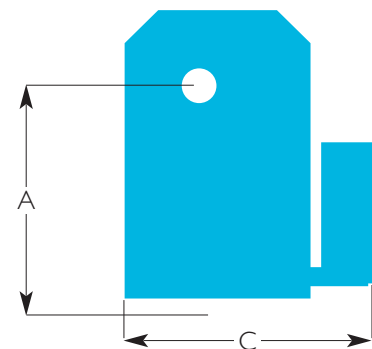
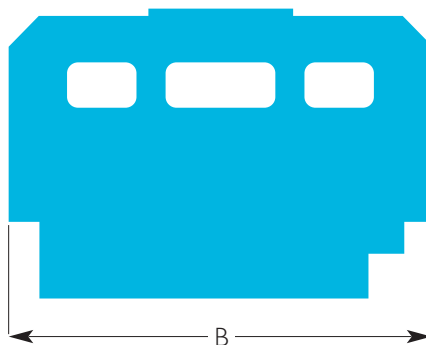
Specifications	Model 430-6	
Pipe range Min I.D.	6 mm	0.25 in
Pipe range Max O.D.	160 mm	6.30 in
Max. line speed*	35 m/min	115 ft/min
Max output*	450 kg/hr	990 lbs/hr
Set of moldblocks	120 pairs	120 prs.
Moldblock length	50.8 mm	2.00 in
Moldblock chain length	6100 mm	240 in
Forming section length	2665 mm	105 in
Corrugator drive motor	2.3 kw (x2)	3 hp (x2)
Cooling unit fans	0.195 kw (x4)	0.26 hp (x4)
Corrugator lifter motor	0.56 kw	0.75 hp
Corrugator hook-up	5.4 kw	7.2 hp
Water cooling required	75 l/min	20 gl/min
Air pressure hook-up	6 bar	87 psi

* Line speeds and outputs are theoretical and depend on: pipe diameter; type of plastic; machine model; cooling options; mold track length; temperature and quantity of cooling water; profile configuration; extruder capacity, etc.

Note: Corma reserves the right to change specifications in the interest of progress without prior notice.

Dimensions

	Model 430-6	
A) Centre height	1160 mm	45.75 in
B) Length	3400 mm	134 in
C) Width	1560 mm	61.5 in
D) Weight approx.	2720 kg	6000 lbs



* Picture not exactly as shown and may include, among other things, attached guards and safety devices, as set out in manufacturer's specifications.

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