



# Corma Future Generation Vacuum Forming Corrugators

MODEL  
**054**  
SERIES



**MODEL 054**  
**FOR PIPE SIZES:**  
0.12 inches I.D. to  
1.60 inches O.D.  
(0.3 mm I.D. to  
40 mm O.D.)

## Following the success of the 053 Series, the new versatile Model 054 Future Generation Corrugator has double the pipe range without increasing the footprint.

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.

- 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 45 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 manufactured under strict ISO 9001-2015 procedures to meet customers' requirements and bear the CE stamp of conformity to the European technical and safety standard.

# Technical Data

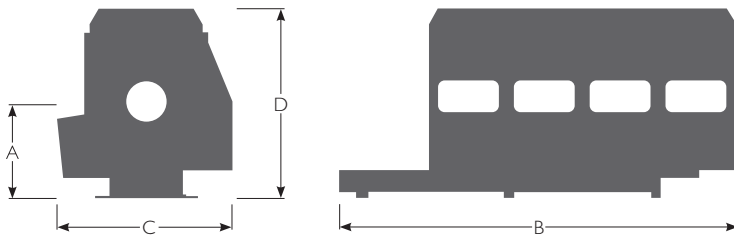
Specifications	Model 054	
Pipe Range Min ID	3 mm	0.12 in.
Pipe Range Max OD	40 mm	1.6 in.
Max line speed*	50 m/min	165 ft/min
Max output *	40 kg/hr	88 lbs/hr
Set of moldblocks	80 pairs	80 pairs
Moldblock length	25.4 mm	1.00 in.
Moldblock chain length	2032 mm	80 in.
Forming section length	832 mm	33 in.
Corrugator drive motor	0.4 kw (X2)	0.5 hp (X2)
Mold cooling fan (2)	0.195 kw (X2)	0.26 hp (X2)
Corrugator lifter motor	Manual	
Corrugator hook-up	2.4 kw	3.1 hp
Water cooling required	25 l/min	6.5 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

Specifications	Model 054	
A) Centre Height	1150 mm	45.25 in.
B) Length	1600 mm	63 in.
C) Width	1060 mm	41.8 in.
D) Overall Height	1575 mm	62 in.
* Weight Approx	700 kg	1540 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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Corma reserves the right, in the interest of technical advancement, to change the designs and specifications without prior notice.

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