

ENGEL E- CAP 180 TON & CANTONI 48 CAVITIES REDUCED SIZE SYSTEM TO PRODUCE WATER & CSD CLOSURES

TECHNOLOGY

With its new conception of reduction in the size of the 48 cavities Cap Injection moulds, CANTONI continues its tradition of 50 years in tool making technology in line with state-of-the-art developments.

Systematic re-engineering in conjunction with ENGEL E- Cap 180 Ton IMM is the essential basis of this series of high-performance injection system with a better impact to client capital investment and running costs.

Because:

40 % reduction of capital investment in comparison to a conventional Injection system which usually requires a higher tonnage Injection Moulding Machine.

40% reduction of Electricity consumption in comparison to a conventional system.

100% same quality and output in comparison to a conventional system with a higher tonnage Injection Moulding Machine.

25% faster recovery rate of the investment in comparison to a conventional system.

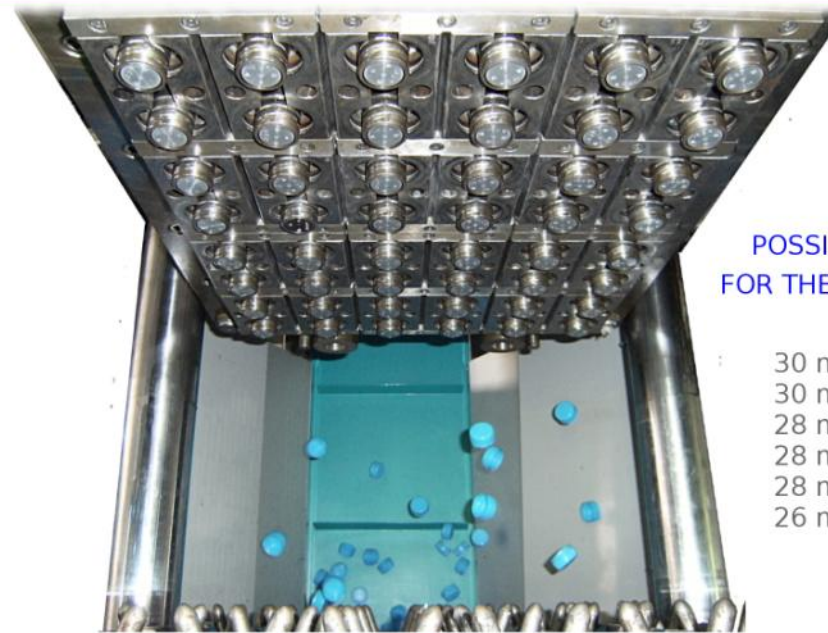
24/7 Customer assistance and support Worldwide

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POSSIBLE APPLICATIONS FOR THE 48 CAVITIES SYSTEM

30 mm 30/25
30 mm 30/25 short neck
28 mm PCO1810
28 mm PCO1881
28 mm PCO19
26 mm

TYPICAL ACHIEVABLE CYCLE TIME FOR 48 CAVITIES SYSTEM TO PRODUCE CAPS 1,8 g / 2,2 g WITH 30/25 NECK FINISHING

Nr. of cavities: 48	Mould Clamping phase:	0,74 s
Material: PE-HD	Injection time:	0,41 s
Part weight: 1.8 g	Holding pressure time:	0,8 s
Clamping force: 180 TON	Remaining cooling time:	1,2 s
Mould weight: 1.450 kg	Opening phase:	0,65 s
Mould Dimensions : 696 X 546 mm	Mould open time:	0,2 s
Mould Thickness: H 457 mm		
Cycle time: 4 seconds	Total	4 s

Special features: Plates made from stainless steel 1.2085

Mould's parts: High-quality tool steel, hardened, surface finished, surface coating and mould tolerance have been exactly determined for a long -trouble free production life.

All mould elements are made to drawing tolerances and are interchangeable.

Injection System: Individually nozzle controlled Hot runner system with built in filter

Ejection system : De-moulding by sleeves

Cooling: Independent pushed to each cavity

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INTRODUCTION

CANTONI ® production of moulds for closures has roots dating back to 1960's and continuously improves its products and directs its activities to study new tooling applications and new targets, to be shared with those customers who decide to work with us and our equipment. Real achievement to be shared with our clients made of strategies, men and plants improving results, applying the best example of technology.

CANTONI ® is capable to fulfill the ever increasing request for flexibility and high quality products which enable its clients to compete and achieve business results on the high International level.

In addition CANTONI ® is an innovator handling difficult special projects for major International Companies which operate in the Plastic injection field.

The wide commercial net provided by our regional and International offices along with agents and collaborators give us access to a world-wide marketplace that is demanding and in constant evolution.



Our turn key solutions in Cooperation with ENGEL consist of project engineering, injection moulds, training and service in the language you communicate with 24/7 customers assistance and support.

