

EmBrace - Automatic Ring Latch Closing Solution

Safe and Solid Production

Decades of Emballator experience put into practice makes EmBrace automatic solution packed with technical know-how, quality and a high service level.

emballator.com

An innovation, developed and produced at Emballator with all the experience accumulated over decades put into practice.

EmBrace – Automate your Work

Always aiming for ongoing and steady development Emballator has developed an automatic lid closing solution. The innovative construction of our ring latch allows it to be automatically closed in your production line.

This plug-and-play solution is easy to install, and it is easy to switch between EmBrace closing tool and other closing tools for change of lidding types, to simplify your production flow and improve logistics.

A high UN classification promises a delivery of a sturdier packaging secured from damage and leaking. CE approved and meeting EX environment conformity, EmBrace will suit most industry requirements.

Generated from a growing customer interest and feedback, we offer EmBrace to fulfil the need of automated mechanical lidding. EmBrace, the automated ring latch system.



High UN Classification

Safe and sturdy packaging, strongly withstanding damage or leakage, EmBrace packaging fulfils high UN classification.



Speed and Efficiency

Automatic, and with a speed of closing up to 14 cans per minute, EmBrace meets industrial efficiency requirements and ensures a stabile production output.



Plug and Play

Smoothly applied or removed to existing production line, the EmBrace system is cost-efficient. This means minimal installation cost, operational reconfiguration and disruption.



Pre-packed Solution

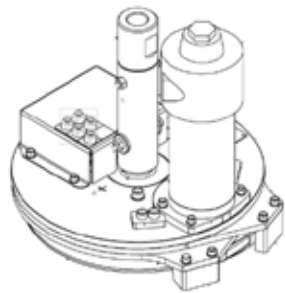
Emballator delivers pre-packed lid and ring latch, including sprint, facilitating handling and improving logistics.

How it Works

The tool is plugged into the filling line and the sealling cycle is automatically steared by your control system. On a signal, the pneumatic motor handles the drive, and a vertical movement is closing the ring latch locker. When the cycle reaches end position, the tool turns, signalling finished operation and the tool is lifted into its home position ready to close next lid.

Installation Requirements:

- To be used for closure of EmBrace 285. Same equipment for UN and non-UN.
- Closing force max. 7,300 N.
- Air cylinder Ø125 mm
Air pressure of 6 bar. High stability of the base.
Well centered positioning of pails.



Speed

EmBrace closes up to 14 pails per minute, equal to 840 pails per hour.

XE Environment

EmBrace is certified to ATEX Ex II 2G Ex h Iib T4 Gb X.

HSE Benefits

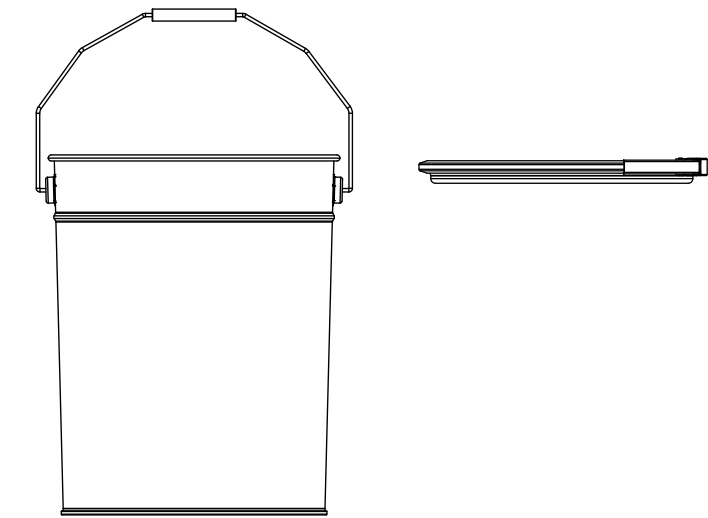
Safety increase when manual closing transfers to automatic closing.

Transport of Hazardous Goods

EmBrace is certified to UN Y1.6/100.

EmBrace Products Ø285

EmBrace UN certificate is valid combined with UN Pails in volumes 10-20 L. For non-UN the range is 10-25 L. Available as plain, lacquered or decorated, and with spout options.



Nominal Volume (L)	Height (mm)	No of Beads	EmBrace Ring-latch and Lid UN	EmBrace Ring-latch and Lid
10	210	0	-	Yes
10	208	1	Yes	Yes
12	236	1	-	Yes
12	234	2	-	Yes
15	283	1	Yes	Yes
20	370	1	Yes	Yes
20	369	2	-	Yes
25	460	1	-	Yes
25	457	2	-	Yes

Development range, please contact Emballator for further possibilities.