



SQUAREPACK® line to produce pyramidal cans suitable for UN-approval

THIS LINE IS DESIGNED TO PRODUCE PYRAMID-SHAPED CANS WHICH CAN THEREFORE BE STACKED DURING PALLETISATION.

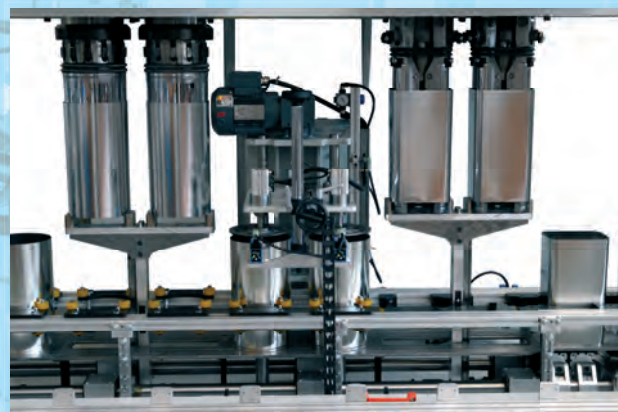
EXPANSION IN TWO OPERATIONS:

- 1° conical expansion
- 2° pyramid-shape expansion.

With one set of tooling, up to 60 cpm



With two sets of tooling, up to 100 cpm



Conical expansion

Indexing

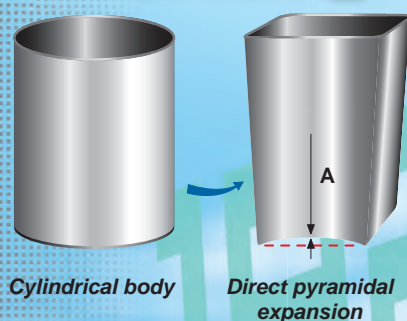
Pyramidal expansion

ADVANTAGES:

The edge panel deflection is reduced by 50%.

This is a key parameter to get a constant seam overlap for UN approval.

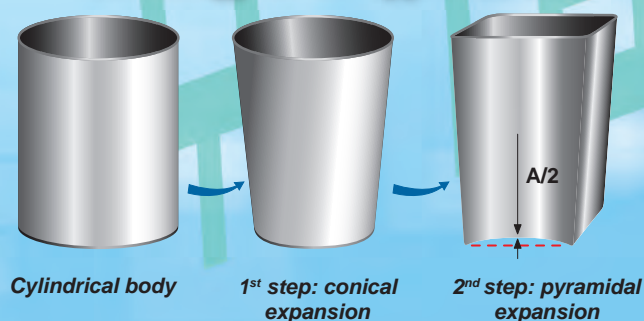
Standard technology



Cylindrical body

Direct pyramidal expansion

Technology for UN-approved cans



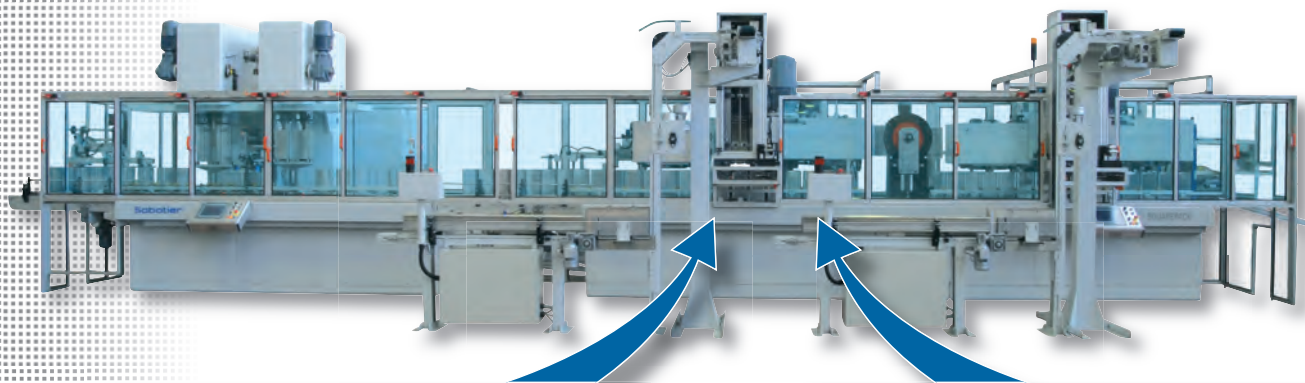
Cylindrical body

1st step: conical expansion

2nd step: pyramidal expansion

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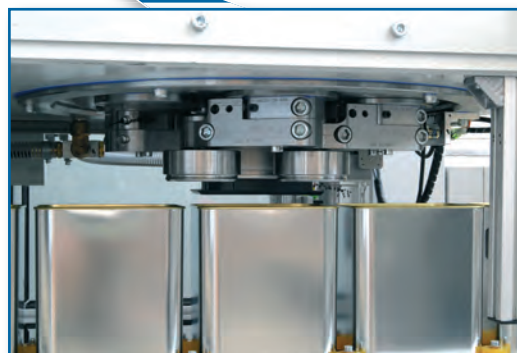
SEAMING PROCESS WITH 2 STATIONS:



1

1st station:

- Additional curling operation
- 1st seaming operation.



2

2nd station:

- 2nd seaming operation with 2 sets of 2 rollers.

ADVANTAGES:

- Two-side curled ends can be processed
- End hook and overlap can be easily mastered
- The flexibility of our process allows to seam different kinds of bottoms.



Technical specifications of the Squarepack 5

Volumetric capacity	2.5 to 6 litres
Min/Max length	100/166
Min/Max width	70/166
Min/Max height	70/350
Maximum cycle/minute	100 cpm

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