

ALUCON
Aluminium Monobloc Aerosol Can Production Process



**Aluminium Ingot
(Upstream Raw Material)**

The slide illustrates the production process of aluminium monobloc aerosol cans. It includes three images: an industrial factory interior with a forklift, a collection of various brand aerosol cans (such as Gillette, Soft, Puff, Rexona, M, Lynx, and Dove), and stacks of aluminium ingots. A red arrow points from the ingot label to the stacks of ingots.

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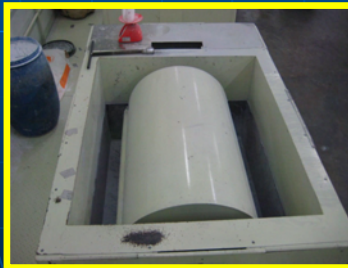
Aluminium Slug
AL 99.7 %
18-21 HB



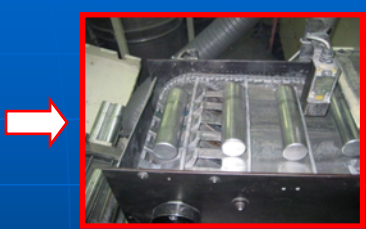
Slug
Lubricant



Slug Tumbling



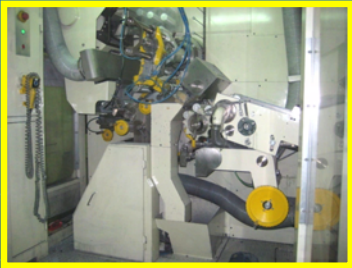
Extrusion Press



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**Trimming
& Brushing**



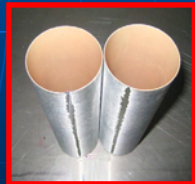
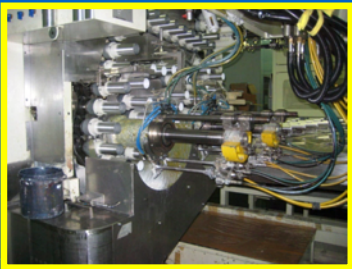
Washing



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**Internal
Lacquering**



**Polymerization
Oven
(Baking Oven)**



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Base Coating



Predrying Oven



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Printing



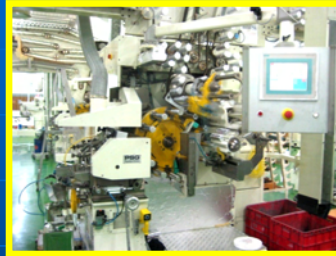
Drying Oven



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Over - Varnishing



Drying Oven



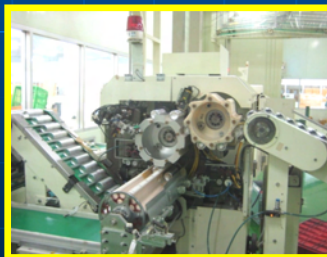
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Necking



Curl Tester



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Packing

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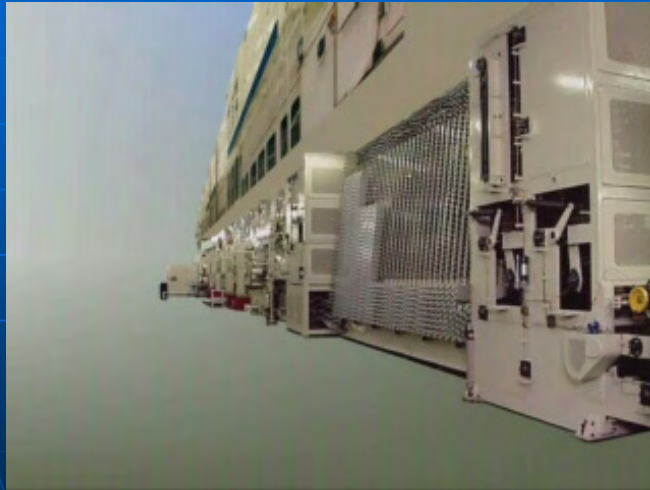


Finished Goods



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Production Process

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F.E.A.

**Federation of European Aerosol
Associations**

**Fédération Européenne des Associations
Aérosols**

**Föderation Europäischer Aerosol-
Verbände**

founded in Paris in March 1959
créée à Paris en mars 1959
gegründet im März 1959 in Paris

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FEA standardization

FEA standards are intended

- To facilitate communication within the aerosol industry,
- To assist economic operation,
- To foster uniform and safe production, storage and use of aerosols

By Standardizing Dimensions, Terminology and Methodology.

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Classification of FEA standards

FEA 100 to 199 Communication Standards
(Terms, Definitions and Classifications in general)

FEA 200 to 399 Dimensional Standards
(Dimensions and Associated Tolerances)

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Classification of FEA standards

FEA 400 to 499 Measuring – Techniques Standards
(Measuring Techniques and Measuring Devices
for Determination of Mechanical Properties)

FEA 600 to 699 Test – Methods Standards
(Standard Test Methods and Test Devices for
Determination of Other Properties of Aerosol
Products or Their Components)

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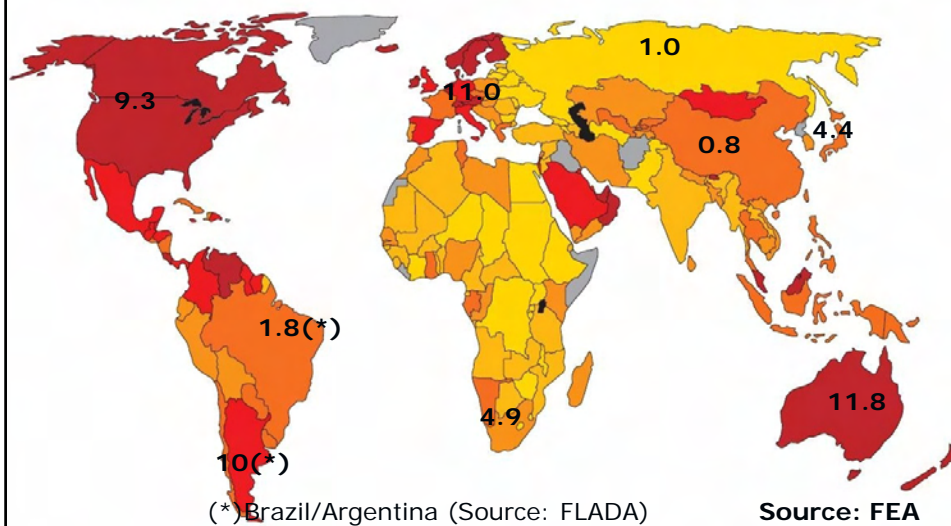
ALUCON TECHNOLOGY Deep Necking & Shoulder Rolling



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Aluminium Monobloc Aerosol Can Market Information

Aerosol cans : per capita consumption 2007 (in pieces)



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Products in Aluminium cans

Household Product



Hair mousses



Deodorants



Shaving foams



Perfume spray



Others



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Aluminium Monobloc Aerosol Can Market Information

HUB in ASIA

PackSys Global

Polytype Asia Pacific

Toyo Ink

PPG Coating

Alucon

Mitani

Precision Valve

Cyberpax

Thai Daizo

Toyo Filling

Customers

Thank you for your always strong support

Q & A