Packaging Machinery & Integrated Packaging Lines for the Pharmaceutical Industry

- Khimsaria R.
The Company

- Founded in 1989
- Pioneers in Flat Bed Blister Packing technology for thermoformed & cold formed blisters
- Widest range of cartoning applications handled
- Installation base of over 2000 machines
- Large no. of Blister Cartoning lines – over 150 installations worldwide
ACG-Pampac Product Portfolio

ACG-Pampac product line covers the pharmaceutical, nutraceutical, food, confectionery, personal care segments.

We offer:

✓ Blister packing machines & change parts
✓ Cartoning machines
✓ Integrated Blister Cartoning lines
✓ Tablet Thickness Sorter
Snapshot Of ACG Worldwide Group

• Multi – faceted Global Group
• 50th Year Of Operation
• 15 world class factory locations
• Serving 15,000 Customers spread across 90+ Countries
• Over 12,000 machines installed worldwide
Rotary Blister Packing Machines
Flat Bed Blister Packing Machines

ACG-pampac

ACG Worldwide

www.acg-world.com
Innovative applications handled on BQS machine

Powder in Blisters

Desiccant & Tablet in Blisters
Innovative applications handled on BQS machine

Lozenge in Blisters

Auto feeding solution for Lozenges on ‘BQS’
Innovative applications handled on BQS machine

Multi-Product Blisters
Special Application Blister Machines - ‘TROPAC’
Special Application Blister Machines – ‘MAGNABLIS’
Cartoning Machines

ACG-pampac®

ACG Worldwide

www.acg-world.com
Product Transfer Systems

Blister Transfer
Product Transfer Systems

Bottle Transfer
(Star wheel & Screw type)
Product Transfer Systems

Cluster ampoule transfer

ACG-pampad

ACG Worldwide

www.acg-world.com
Product Transfer Systems

Vial transfer
Product Transfer Systems

Vifor Ampoule Transfer
Product Transfer Systems:

Tube transfer
Integrated Pharma Packaging Line

Tablet/ Capsule Elevator up to Shrink Wrapping
‘ End-to-End Solutions under one roof ‘
Integrated Blister Cartoning Line

‘B45’ Blister Packing & ‘K120i’ Cartoning Machine
Integrated Line features

✓ ‘B45’ Blister Machine suitable for Thermoformed & Cold formed blisters
✓ ‘K120i’ Intermittent Cartoner
✓ Fully Servo powered machines
✓ cGMP Compliance
✓ Balcony Design construction
✓ Line Integration with SCADA
✓ Easy & Quick Changeovers
Dynamic Check Weigher – DCW 1000

- Speed: 150 products/minute
- Weighing Range: 5 to 500 grams
- 100% online weighing
- Ensuring compliance with standards
- Stainless Steel Construction
Autopack Shrink Wrappers
ACG i - Online Camera Inspection System

✓ Inspection includes:
  - Blister inspection
  - Pharma code, Bar code, 2D Matrix code detection
  - OCR/ OCV

✓ Single camera for Code detection & OCR on carton/ label

✓ Integration with all available blister machines
Inspection on Primary Line
Inspection on Secondary Line
Inspection in Packaging

**PRIMARY**

- Pin Hole
- Product Recovery
- Inspection of Alu Foil Splice

**SECONDARY**

- Code on Leaflet Both Sides
- Leaflet Presence Absence
- Code on Carton
- Coding, OCR/OCV Verification

- Rejection

**Additional Processes**

- Inspection of Web Splice
- Blister Inspection
- Check After Sealing
- Coding, OCR/OCV Verification

[Diagram of inspection processes with various icons and arrows indicating flow and rejection points.]
Some Interesting facts in Food / Personal Care Segment:

- ACG-Pampac serves 23 Leading Brands in India
- Market share of over 45% in Cartoning applications
Thank You!