









Module 6: Custom Filling Cans









Fillers

Clears and Primers

RAPTOR





Custom Cans







Getting the most from your custom can machine





Why Sell U-POL Custom Cans

- Superior tip technology
- Wide uniform fan
- 100% compatible with U-POL 2K products
- "Like spray gun" results
- Similar range as Premium Aerosol offering
- Valuable customer expansion opportunity
- For Professional or DIY applications
- Develop customer base outside of traditional automotive industry.







Choosing the right machine for in store or end user usewhat's the volume

1 to 20 cans per week

- Best Choice = manual machine
- Perfect for offering to large body shops / dealerships
- Commercial
- Light Industrial

100 + per month

Automatic is a most suitable choice







Custom Filling Can application range and advantages

Professional body shop and DIY
Spot and SMART repairs
Small part and component painting
Cut-in / Jambing parts
Under hood
Municipal / Township / State fleets
Sign Companies installation touch up
Reduces masking time
Reduces material waste and clean up
Lower skilled operators can use





Custom Can selection - what products

can be filled



0851 Solvent Based

Acrylic enamel
Base Coat
Activated 2K (hot pot)
Solvent based cleaners

0852 Water Borne

VOC compliant water borne base coats



Proper set up of pneumatic machine is key for consistent function

Key take away points

- #1 Consideration Inlet pressure.

 120 135 psi = proper op pressure

 110 120 = inconsistent filling,
 especially with thick products

 100 120 = function and fill issues
 Every 35' = 10-13 psi pressure drop
- #2 Clean, dry, oil free air, otherwise internal parts can foul. Use an inline disposable filter.
- #3 Do not open the door prematurely, interrupts fill cycle and can unseat filling cup disc







Proper set up of pneumatic machine is key for consistent function

Key take away points

 #4 Press down in the center of the cup when seating in aluminum cup.

 #5 If an aerosol cap is difficult to remove from the cup, place on a hard surface and press down





 Next slide covers the fill sequence for custom can application

Typically 1K products – base coat or acrylic enamel

 Shows "art of the possible" when using custom cans



Application video with 0851 Custom Cans:

- 2K Primer application
- Acrylic enamel paint







upol

Maintenance and trouble shooting

Filling machines are "low" maintenance but they are not "no" maintenance. Most common issues are associated with material build up in the machine: #1 "Short cycling"

Incorrect inlet pressure – 120 – 135 required

 Opening the door before filling cycle is complete.

result can be partial fill, disk pops off
 #2 Over filling reservoir cup

- causes paint spill#3 Not cleaning and wiping up those spills
- fouls piston head
- prevents door from fully closing
- platform won't rotate or rise





Maintenance and trouble shooting

#4 Keep piston head clean from paint build up for easy disc installation and seating

Poorly maintained piston head has paint build up in grooves, preventing proper disc seating









Custom Can / Filling Machine Summary

- Highly profitable
- Place with volume body shops
- Commercial / industrial application
- Professional results
- Easy to use
- Wide range of products can be filled
- Including 2K solvent and water borne paints
- Low maintenance

