



MAPLE PSP VOLUME 1

AIR LIVERY LTD

Maple 7:15 Paint Stripper Pump

Company Background

Air Livery Ltd is an aircraft refinishing company with 5 facilities in the UK and 2 in Europe. The company processes on average 300 aircraft per year. Within 12 days, an aircraft is stripped of its previous coating. The aircraft skin is inspected for corrosion and then repainted.

Problem

Aircraft are scheduled for work in tight timeframes and time equals money for the airlines while the work is being carried out. Air Livery need equipment to work reliably every time. They discovered that the water based hydrogen peroxide paint stripper was eating away the bonding agent for the TC seats and damaging the ball checks on the existing competitors pump. This caused the pump to fail and resulted in an expensive and time consuming 6 week service. The competitive manufacturer refused to warranty the pump and Air Livery were left to transport a pump from another facility. The competitors pump is very heavy and not easily moved around.



PRODUCT DESCRIPTION

Solution

- Binks R&D take the challenge head on**
 The successful Maple 7/15 was redeveloped with Suitable balls and seats for the ball check to work reliably with this special material, to resist the peroxide paint stripper. It was then packaged on a cart with filter regulator and a large diameter suction hose. Delivered with 1 or 2 gun set up
- New Pump Is Lighter**
 The Maple 7/15 PSP is less than half the weight of the entrenched competitor, making transportation around the hanger easier.
- A Better Pump**
 Tim Rosier, Production Manager at Air Livery Cambridge described the pump as "easy to use, easy to maneuver, more reliable, quiet running and simpler to flush than the existing pumps."



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