

Application story



Degreasing Aircraft prior to Maintenance

Location	Argentina	Hydra-Cell model	D35XKCGHFEMB
Type of application	Degreasing Aircraft prior to Maintenance	Flow rate	90 L/min (24 gpm)
Liquid	Citrus Based Organic Solvent Gel Hot Water	Pressure	5.5 bar (80 psi)
Application details	Tech-Ops are a joint venture between Delta and Aero México. Its maintenance, repair and overhaul facility (MRO) in Argentina can service up to 11 planes at the same time. Prior to dismantling the plane a citrus based degreasing gel is applied to the fuselage, allowed to soak and then rinsed with hot water. The Company sought to reduce overhaul time from 45 to 40 days and by designing and installing a mobile wash rack, based on Hydra-Cell D35 pump, Blanko Pumps, the local Hydra-Cell distributor, was able to reduce washing time by a full day, saving the customer 20% of its target. The low maintenance Hydra-Cell pump was able to power 8 x high pressure lances at the same time, whilst the incumbent Graco pumps could only support a single lance, so to drive the increased number would have required 8 x pumps with the associated increase in cost and maintenance. Tech-Ops are so pleased with the wash rack solution that a further one is planned within the next two years as part of its expansion programme.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell was chosen for this applications for the following reasons: - Ability to offer a compact, reliable solution with a single pair of pumps. - Can pump 2 x completely different liquids, with ease.		

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