

Application story



Nut Processing with High Pressure Water

Location	Turkey	Hydra-Cell model	G35XKCTHFEYA
Type of application	Nut Processing with High Pressure Water	Flow rate	140 l/min (40 gpm)
Liquid	Water	Pressure	40 bar (580 psi)
Application details	Aynut Makine is a Turkish manufacture of nut processing plants ... roasting ovens, hoppers, inspection stations and high-pressure water membrane peel separation systems. The Company tried several pump types and all, apart from a Hydra-Cell pump, failed on the grounds of reliability, especially when the water contained solid particles. Dry running had also been an issue in the past but the Hydra-Cell pumps solved the problem and proved 'operator proof'. Standardising on Hydra-Cell pumps dramatically reduced maintenance and spare parts costs while reducing expensive downtime in the production environment. Aynut Makine is now able to market and export its membrane peel separation systems with renewed confidence in their reliability.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell was chosen for this application for the following reasons: - Ability to pump this recycled liquid with particles, reliably and with ease. - Ability to withstand "operator errors" and potentially run-dry indefinitely.		

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