

Application story



Cleaning Agricultural Components after Heat Treatment

Location	USA	Hydra-Cell model	T100KRSGHFEPA x 4
Type of application	Cleaning Agricultural Components after Heat Treatment	Flow rate	682 l/min (180 gpm)
Liquid	Hot Water	Pressure	193 Bar (2800 psi)
Application details	With over 25 years of experience in manufacturing aqueous cleaning equipment, ADF have developed one of the largest families of parts washing equipment in the US industry. ADF not only manufacture washers for low pressure / high flow applications, but also have a large range of high pressure / low flow options as well. With the high-pressure impingement, ADF can achieve shorter cleaning cycles, and with the lower volumes we have smaller tanks to heat, meaning much lower operating costs. For this application of descaling large, agricultural components after a heat treatment process, ADF looked no further than Hydra-Cell. The parts are loaded onto a conveyor and travel past stationary nozzles, contained within the washer, effectively and efficiently descaling all surfaces. This installation utilises 4 x T100 pumps on a single skid to provide the changing flow requirements dependent upon the part size.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell was the only pump considered for this application due to its seal-less design and known reliability.		

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