

Customized Flow Rates Produce VFX for Film's River Simulation



Working with the Production Co.'s Visual Effects team, Rain for Rent used four 30-inch DV600c pumps to create variable flow rates within a simulated river.

PROJECT SCOPE

A simulated river created by a Production Company's Visual Effects team required a pumping system to safely circulate the water while producing variable flow rates.

CLIENT

Film Production Company

INDUSTRY SEGMENT

Film Production / VFX

EQUIPMENT

- 4 - 30" DV600c pumps
- 30" HDPE pipe

BACKGROUND

Santa Paula, CA – A film production company required a pumping system that would safely circulate water within an on-set simulated river. The customer required a way to control the pumping rate so that water flow could be produced at various speeds.

OUTCOME

Rain for Rent designed and installed a simple yet powerful circulation system utilizing four 30" pumps. Depending on direction from the Visual Effects team, the system moved water at various rates - from 60,000 GPM to 110,000 GPM - to create the desired water-flow effect.

HIGHLIGHTS & CUSTOMER FEEDBACK

- Safety is always top priority. With actors and set-crew in the water, Rain for Rent designed the pumping system to ensure suction points in the water were set up with appropriate distance from areas where people would be located.
- The customer said that they look forward to working with Rain for Rent on future visual effects projects because the outcome they received was exactly what they wanted.

