

**CASE STUDY PRODUCT:**  
**DAVEY CF PUMP**

**DAVEY DEALER:**  
**Lanson Trading**  
77 North St,  
Casino NSW 2470

# River Pump Solution for Flood Zone, Delivers 10 x More Performance

## The Challenge

A customer in Northern NSW, within an hour's drive from Davey Master Dealer Lanson Trading, required a high-capacity pumping solution for river water. The key requirements were:

- Largest size available, limited only by water license
- 6-inch discharge capability
- Minimum duty point of 500m<sup>3</sup>/hr @ 50m
- Mobile unit for use in flood zones
- Diesel-powered for on-site operation
- Significantly higher performance than their previous competitor pumpset

## The Solution

Lanson Trading designed and engineered a complete, custom-built, OEM solution utilising a Davey ISOSpec CF Pump.

1. Davey CF ISO Pumpset: 200x150-315 model
2. Powered by a John Deere 404T turbo charged 125hp engine

Key features of the OEM solution:

- High Capacity: Capable of moving 10 times more water than the previous pumpset
- Robust Construction: Built to withstand challenging river and flood zone conditions
- Reliability: Combination of Davey's high-quality ISO pump and John Deere's reputable engine
- Custom-Designed: Tailored to meet the specific high-flow, high-head requirements



## Implementation

The customer has reported extremely high satisfaction with the OEM solution, including the Davey ISOSpec Pump.

Exceptional Performance: The new pumpset is moving 10 times the water volume compared to the previous competitor unit

Build Quality: The customer is very impressed with the quality of construction

Meets Specifications: Successfully achieves the required duty point of 500m<sup>3</sup>/hr @ 50m

## Results

Lanson Trading chose to partner with Davey Water Products due to their relationship with Davey as a Master Dealer, knowing that they can "Depend on Davey". The customer was more than satisfied with the end product, as it outperformed the previous solution that was in place.

Custom Engineering: Ability to design a solution meeting the exact specifications required

Quality Components: Use of Davey's top-tier ISO pump series and a reliable John Deere diesel engine

Performance: Capability to deliver a solution that dramatically increased pumping capacity

Expertise: Understanding of the unique challenges posed by river water pumping and flood zone operations

