



ALLFLO
PUMPS & EQUIPMENT



CASE STUDY

Irrigation and water transfer at New Gokula Farm.

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At Allflo Pumps & Equipment, we are a leading supplier of pumps and pump accessories. We've worked with a wide range of companies across Australia, giving us the necessary experience to manufacture pumps that exceed expectations. Our experts are dedicated to providing our customers with custom solutions that are built to deliver exceptional performance. We also have a team of friendly sales and service staff, earning us a reputation for outstanding customer service and support.

ABOUT

Situated in an idyllic and pristine valley just outside Millfield in the Lower Hunter Valley of New South Wales is New Gokula, a Hare Krishna community farm. Devotees come from all over the world to live and worship, as well as make a practical and spiritual contribution to farm life.

The farm harvests their own rain water, grow their own organic produce, raise their own cattle and run a dairy operation that produces organic fresh milk products. The farm is committed to sustainability and is self-sufficient in many areas, such as water usage and food production.

CHALLENGES

Wayne and Mana from New Gokula contacted the Allflo Pumps & Equipment team who they found while comparing pumps online. They were searching for a pump to replace their long serving tractor driven pump. For many months they had been looking for a company that not only produced a quality product and was interested in listening to their needs, but was also ethical and customer focused.



DECISION MAKING PROCESS

Allflo Pump Systems Engineer and Business Development Manager, Tony Kersten, was invited to meet with Wayne and Mana at the farm and discuss in detail their needs, survey the application and recommend the correct pumping equipment. Careful calculations were required to ensure the new pump achieved the customer's required outcomes.

A competitive proposal was created for Wayne and Mana and they were happy to proceed. The Production Team at Allflo Pumps & Equipment swung into action and produced a quality "Built To Be Tough" REMKO Diesel Irrigation Pump.

SOLUTION

The pump selected for the application was a REMKO 65-260, delivering a maximum performance of 22L/sec at 80m Total Dynamic Head. The Duty Point is 21L/sec at 70m Total Dynamic Head.

The pump is driven by an Allflo Model Eurotech E4945 4 Cylinder Water Cooled Diesel Engine, which is controlled by a REMKO Eurotech Controller that has features including low oil pressure protection, high temperature protection and displays the temperature, oil pressure, alternator amps, hour meter, tachometer and an emergency stop button.

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IMPLEMENTATION

There was limited lifting capability at the farm, meaning planning was required to unload the pump from the transportation upon delivery. The Allflo Pumps & Equipment team assisted in organising the unloading of the pumping solution for a smooth set up.

OUTCOME

The REMKO pump will be at the heart of the farm’s complete irrigation and water transfer needs for many years to come. The new solution will provide elevated performance and reliability, compared to the previous pump. With the new solution in place, water security and irrigation performance will be improved, assisting with farm operations. Specifically, the pump will provide water to paddocks to grow feed for the dairy herd.

Wayne and Mana were extremely satisfied with their new pump, mentioning they were impressed with the build quality of the pump and the value for money they received. They were also grateful for the high level of personal service delivered by all team members involved from Allflo Pumps & Equipment.



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