

# Seasol Cobot Palletiser

*"Seasol partnered with Diverseco to install the first robot on site. We were manually packing pallets and this was a very demanding role and created risk of injury to our employees. The installation and commissioning of the system was very smooth, and the result is a dependable palletising solution that has reduced stress on our employees and made our process more efficient. I would recommend this to anyone who needs to palletise boxes."*

**Steve Morrison,**  
Operations Manager, Seasol



Seasol, a leading manufacturer of liquid seaweed and plant nutrients, needed to improve efficiency in their packaging process. Located in Boronia, Victoria, they partnered with Diverseco to automate palletising with the Doosan H2017 Cobot Palletiser.

## Challenge

Seasol's packaging operations required the manual stacking of boxed products onto pallets, a physically demanding and repetitive task performed daily. This process posed several challenges, including worker fatigue, potential safety risks, and inefficiencies in output. As Seasol continued to scale its operations, the need for an automated solution became apparent to enhance productivity and improve workplace ergonomics.

## Solution

Diverseco provided Seasol with the Doosan H2017 Cobot Palletiser, a state-of-the-art collaborative robotic palletising solution. The system featured:

- Two pallet locations for continuous operation
- A vacuum gripper for efficient product handling
- Additional safety elements to enable higher running speeds while ensuring a secure working environment



Diverseco's team handled the design, manufacturing, and installation of the system at Seasol's site, ensuring a seamless transition from manual to automated palletising.



### Results

The implementation of the Doosan H2017 Cobot Palletiser has significantly improved Seasol's palletising operations. Key outcomes include:

#### **Elimination of Manual Stacking**

Reducing strain and fatigue on workers

#### **Increased Efficiency**

The system palletises 5 boxes per minute

#### **Enhanced Workplace Safety**

Minimising manual handling risks

#### **Operational Flexibility**

The ability to adapt to additional product recipes

### Conclusion

Seasol's partnership with Diverseco transformed their palletising process. The automation improved efficiency, enhanced safety, and future-proofed operations. Diverseco continues to provide support and optimisation for long-term success.

