

**Customer:** Cooperative Bulk Handling Group  
**Location:** Forrestfield, Perth, WA  
**Product:** Barley / Malt  
**Date:** 1997 / 2005  
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### Requirements:

Joe White Maltings we constructing a second malting plant adjacent to the first system that was installed in 1997. Additional barley was required to ensure the new facility had sufficient grain and the first conveyor installed in 1998 did not have capacity to provide this. The new conveyor was required to:

- Carry Barley 177m to Joe White Maltings and be capable of returning the finished product to CBH storage silos.
- The design must be able to be attached to the existing steelwork and not require additional civil works.



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### Technical Information

Conveyors:	2
Belt width:	800 mm
Length:	177 m
Inclination:	1.7°
Capacity:	300/150 tph
Belt speed:	2.5 m/s
Drive Power:	22 kW
Fan Power:	7.5 kW
Prod. Density:	0.62 t/m <sup>3</sup>



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### **Solution:**

Aerobelt Australia was able to attach additional steelwork braced to the existing trestles, with no requirement for new civil works or extra trestles. This was due to the light weight construction of Aerobelt conveyors enabled the design to be completed and meet the design criteria. New triangular pipe spans were attached to the braces that were bolted to the side of the trestles and the new conveyor was installed adjacent to the original conveyor.

Full capacity tests with both conveyors running were completed, and Joe White Maltings could receive over 600 tph of Barley to supply both malting plants.

Aerobelt Australia also supplied the new conveyors for the new malting system during the same period.



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