

Customer: Rice Growers Co-operative

Location: Moulamein, N.S.W.

Product: Paddy rice

Date of installation: January 2000

Requirements:

A new storage shed was built by Saunders International for The Ricegrowers Co-operative. One conveyor system was required to transfer the paddy rice from trucks into the storage shed for drying, and another to take the dried rice from the shed to the rail wagons.

The system had to:

- have sufficient capacity and reliability to reduce the truck waiting times
- have low capital costs
- preserve the integrity of the product
- improve the safety for the operators

Solution:

Aerobelt Australia provided a 200tph system to take the rice to and from the shed. The light weight of the conveyors reduced the supporting steelwork required, resulting in a lower capital cost of installation. The complete enclosure of the belts ensured no contamination of the product during delivery. The absence of carry rollers improved safety and results in lower noise levels. Ricegrowers' decision to purchase Aerobelt conveyors was influenced by the performance and minimal maintenance required on a similar belt installed at its Griffith terminal in March 1997.



Technical information:

No. of conveyors:	4
Product:	Paddy rice/ "trash" products
Belt width:	650/400 mm
Length:	Up to 40 m
Inclination:	Up to 19°
Capacity:	200/10 TPH
Belt speed:	2.6/1.6 m/s
Drive power:	Up to 11 KW
Fan power:	Up to 1.1 KW
Product density:	0.65/0.15 t/m ³



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