

Customer: Ricegrowers Co-operative

Location: Whitton, N.S.W.

Product: Rice seed

Date of installation: April 2001

Requirements:

The Ricegrowers Co-operative need to store various types of rice seed for subsequent weighing and loading into trucks for distribution to the growers. The system had to be designed so that contamination between various grades was avoided.

The system had to:

- prevent seeds mixing with no chute collection edges
- provide accurate batch weights within 0.5%
- give push button control on batch weights and settings linked back to the PLC for outloading conveyor.

Solution:

Aerobelt Australia Pty. Ltd. supplied a system comprising three conveyors to load 3 x 800 tonne silos and three outloading conveyors which had four Flowforce Impact weighers installed.



Technical information:

No. of conveyors:	6
Product:	Rice seed
Belt width:	500 mm
Length:	Up to 29.5 m
Inclination:	Up to 16°
Capacity:	100 TPH
Belt speed:	2.3 m/s
Drive power:	Up to 4.0 KW
Fan power:	Up to 1.5 KW
Product density:	0.65 t/m ³



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