

Customer: Transfield Pty. Ltd.
Location: Fang Cheng, China
Product: Grain
Date of installation: January 2001

Requirements:

Transfield placed an order with Airmax systems of Western Australia for the design and supply of critical components for five air supported conveyors in widths of 1000 and 1200 mm. This was for a new grain handling facility at the port for the Quangxi Grain Bureau. Installation of the conveyors and manufacture of other components was carried out in China by Chinese sub-contractors working under Transfield and acting on advice from Airmax. Attempts to commission the conveyors commenced in 1999 but none of the conveyors could handle the design tonnages because of motor overload.

Solution:

Transfield placed an order with Aerobelt Australia Pty. Ltd. in November 2000 for the extensive work required to remedy the situation. This was successfully completed in March 2001.



Technical information:

No. of conveyors:	5
Product:	Grain
Belt width:	1000, 1200 mm
Length:	Up to 291 m
Inclination:	Up to 10°
Capacity:	Present: Up to 800 TPH Future: Up to 1200 TPH
Belt speed:	Present: 2.36 m/s Future: 3.57m/s
Drive power:	Present: 137 KW Future: 160 KW
Fan power:	Up to 22 KW
Product density:	0.75 t/m ³



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