

**Customer:** Graincorp Operations Ltd.

**Location:** Ungarie, N.S.W.

**Product:** Grain

**Date of installation:** August 1999

### Requirements:

The site at Ungarie had an existing chain conveyor that filled the storage bins at a rate of around 60 tph. The new conveyor system had to provide:

- increased capacity to a minimum of 200 tph
- be able to utilise the existing structural steelwork if possible
- maintain a high availability during the harvest season.

### Solution:

The existing chain conveyor was removed and replaced with two Aerobelt conveyors. The existing steelwork was structurally assessed, and could be reused with only slight modification due to the light weight of Aerobelt conveyors.

The farmers were pleased as the increased capacity reduced the unloading time on site and the conveyors were extremely reliable.



### Technical information:

No. of conveyors:	2
Product:	Grain
Belt width:	650 mm
Length:	23.9/15.28 m
Inclination:	5.25/1.5°
Capacity:	200 TPH
Belt speed:	2.0 m/s
Drive power:	5.5/4.0 KW
Fan power:	2.2/1.5 KW
Product density:	0.78 t/m <sup>3</sup>



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