

# TRIPPER DRIVES

Extended Conveyor Length

Maximum Reliability

Minimum Cost

Braking Units for Downhill Tension Control

Rapid Installation/Removal

Accurate Tension Distribution

Coordinated PLC Control

Australian Conveyor Engineering manufacture tripper drive systems to extend the length or lift of a conveyor system.

The insertion of a tripper drive gives the ability to dynamically control the tension along the conveyor.

ACE has many years experience designing, manufacturing, installing and commissioning high power tripper drives. We have developed extensive experience in the PLC control of tripper drives. Communication is maintained between head and tripper drives to permit viewing of the entire conveyor operation from a single location.

Multiple tripper drives can be installed to further increase the length of a conveyor.

Using tripper drives on a downhill conveyor permits control of belt tensions through regeneration or braking at the tripper drive. Tripper drives can similarly be used for horizontally curved conveyors to reduce tensions prior to a curve to permit smaller curve radii.

Tripper drive conveyors have been successfully commissioned on maingate conveyor systems at lengths up to 6.4km.

