

CADDY CONVEYOR

Integrated, modular conveyor design

Rapid installation and operation

Belt width from 1.2m to 2.0m

Single or dual drives up to 2 x 200kW

Maximum conveyor length can reach 4,000m on low lift applications

The ACE Caddy Conveyor is a robust, modular conveyor system featuring an integrated jib, drivehead and loop take up. It is flexible by design, providing a solution for roadway development, temporary or trunk extension conveyors.

The Caddy Conveyor is normally installed with 2 x 160kW VSD, drives but other drive technologies may be utilised.

The modular design of the Caddy Conveyor permits rapid installation and relocation. The jib and drive unit is a single module, with the loop take up assembled from 3m modules. Loop take up length can be added by inserting additional take up modules when required. This enables operation at extended conveyor lengths on long flat conveyors where belt take up capacity becomes the determining factor.

The loop take up consists of a fixed end, take up modules, single pulley carriage and separate winch module. The winch module includes an 11kW variable speed winch, hydraulic brake and winch drum.

The loop take up winch operates with load cell feedback permitting accurate control of belt tension.

The delivery jib is pivoted from the drive base frame. It can be adjusted for height and extension. Adjustment of the jib height can be done hydraulically if required. The jib can also be removed and relocated for operation as a remote jib.

The Caddy Conveyor can be supplied as a unit suitable for hazardous areas. The drives are then supplied with approved Ex d motors, with all conveyor instrumentation intrinsically safe.

The Caddy Conveyor can be supplied with a combined substation starter to provide all electrical requirements for the operation of the conveyor.

