

TERMINALS



MCE have developed a series of Conveyor terminals that offer the lowest total cost of ownership, by designing the equipment for efficient manufacture, simple robust design considering transport and simple installation. Each design is structurally analyzed by FEA and signed off by a registered engineer, and our manufacturing process incorporate ISO9001 compliant quality systems, resulting in robust, high quality equipment for the harsh mining environment.



Maingate Underground Transfer & Impact Station

TRANSFER JIB & TRANSFER - JIBAROO

The MCE maingate jib and transfer is designed for high capacity maingate conveyors. It offers pre assembled transport reducing setup and installation time, is demountable for Pulley change out if required, and requires zero roof support structure. The hood and spoon arrangement can be modified to accommodate a range of transfer angles. Impact stations are provided with retractable idler frames and hard facing on skirt plates.



Controlled Start Transmission (CST) Drive Module

DRIVE MODULES AND TRIPPERS

Drive modules and tripper/booster drives are built in a modular manner to maintain a consistent design across conveyor systems, adapting to belt types, pulley diameters, tensions and relaxation distances between drives. MCE can adapt various drive technologies via rigid coupling torque arm mount or aligned drives on pedestal bases. Drive Powers are commonly in the order of 750KW per drive, combining to give 1.5MW per drive station.



TAIL / BOOT END

MCE offer boot ends from 1050 to 2000mm belt widths in a loading or static configuration. They can be built with either trough bars or retractable impact frames. Mobile track driven boot ends can be provided upon request.



Two Pulley Drive Configuration



LTU Pulley Carriage