

OUTOKUMPU CERAMEC DISC FILTERS

used ex-Lennard Shelf Pillara Mine, Western Australia

2 x complete units ID nos. 331-FL-03 and 331-FL-04

offered as an option c/w building, structural framework, conveyors and ancilliary fittings

- 2 complete units of model Outokumpu Ceramec model CC30 (now Larox) continuous capillary disc filters
- 30 m² nominal filter area capacity each (some plates may need replacing)
- 14 kW power each with fixed speed 7.5 kW 4 pole motor / filtrate pump
- fully integrated PLC system
- integrated vacuum pump
- dismantled and packed FOT Pillara mine, WA



Option - the 2 x disc filters can be offered complete with their own section of colorbond steel-clad shed including structural steelwork and attached transfer conveyors



16.5 metre length of colorbond steel-clad shed with one end wall and external vent



structural steelwork and internal fittings including internal lights, walkways, handrails, cable trays, pipework, control valves, and overhead crane rails



two internal transfer conveyors with hoppers and chutes



Conveyor #1 ID no. 356-CV-10

- 26 m long fabricated truss / stringer conveyor
- enclosed, flat-profile belt conveyor with side skirts and cover
- 24 tph capacity @ 4 t / m³ density
- 0.5 m / sec belt speed for product sizes minus 0.1mm
- 5.5 kW shaft mounted motor drive with holdback – Fenner H20 gearbox
- 600 mm wide rubber belt with 6mm top cover, 2 mm bottom cover
- PN 200 4 ply Grade M cover
- walkway at one side with platform at head for drive maintenance
- head pulley scraper and tail belt plough for cleaning
- lanyard protection with underspeed switches and beltdrift
- Prok series 15 idlers
- 420 mm diameter drive tail and pulleys – rubber lagged and crowned
- 400 mm gravity takeup – plain crowned – cold vulcanised splice
- head chute

Conveyor #2 ID no. 356-CV-11

- 26 m long fabricated truss / stringer conveyor
- enclosed, flat-profile belt conveyor with side skirts and cover
- 12 tph capacity @ 5 t / m³ density
- 0.5 m / sec belt speed for product sizes minus 0.1mm
- 7.5 kW shaft mounted motor drive with holdback – Fenner H20 gearbox
- 600 mm wide rubber belt with 6mm top cover, 2 mm bottom cover
- PN 200 4 ply Grade M cover
- walkway at one side with platform at head for drive maintenance
- head pulley scraper and tail belt plough for cleaning
- lanyard protection with underspeed switches and beltdrift
- Prok series 15 idlers
- 420 mm diameter drive tail and pulleys – rubber lagged and crowned
- 400 mm gravity takeup – plain crowned – cold vulcanised splice
- transfer chute