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## 2 STACKING SYSTEMS ON SALE

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4 000 WORKING HOURS

Each of the two Stacking Systems consists of:-

- 17 off 1350mm wide belt Grasshoppers
- 1 off 1350mm wide belt Transverse
- 1 off 1350mm wide belt Stacker Feed
- 1 off 1350mm wide belt Stacker  
1350mm wide belt Stinger





### GRASSHOPPER CONVEYORS:

These are 1350mm wide, 38 meters long wheel mounted towable conveyors each powered by 2 x 75kW drives.

Each Grasshopper has to be positioned so that it receives ore centrally in its feed hopper and discharges centrally into the next conveyor feed hopper.

Each Grasshopper has its own MCC mounted on the conveyor and has the following safety switches:-

- Pull wire.
- Underspeed.
- Belt alignment.





**TRANSVERSE CONVEYORS:**

These are 1350mm wide, 29 meters long wheel mounted towable conveyors each powered by 2 x 75kW drives.

Each Transverse has to be positioned so that it receives ore centrally in its feed hopper from the last Grasshopper and discharges centrally into the Stacker Feed conveyor feed hopper.

Each Transverse has its own MCC mounted on the conveyor and has the following safety switches:-

- Pull wire.
- Underspeed.
- Belt alignment.

**STACKER FEED CONVEYORS:**

These are 1350mm wide, 44 meters long wheel mounted and powered crawler mounted conveyors each powered by 1 x 90kW drive.

Each Stacker Feed has to be positioned so that it receives ore centrally in its feed hopper from the transverse and discharges centrally into the stacker conveyor feed hopper.

Each Stacker Feed has its own MCC mounted on the conveyor and has the following safety switches:-

- Pull wire.
- Underspeed.
- Belt alignment.

The crawler power unit is hydraulically powered and is manually operated on the machine. As the heap is built, the Stacker Feed indexes back up the leach pad towing the stacker with it.

**STACKER / STINGER CONVEYORS:**

These are 1350mm wide, 40 meters long Stackers each with a 10 meter extendable Stinger wheel mounted towable conveyors. Each Stacker conveyor is powered by 2 x 75kW drives. The Stacker / Stinger has hydraulically powered slewing utilising wheel drive motors and the stinger extend operation is hydraulically powered at the machine.

When being towed up the leach pad, the slew wheels are hydraulically retracted allowing the tow wheels to sit on the leach pad.

Each Stacker / Stinger has to be positioned so that it receives ore centrally in its feed hopper and discharges centrally into the next conveyor feed hopper.

