



# Queensland Mining Industry Occupational Safety and Health Innovation Awards 2003

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## ***Southern Colliery***

### ***Face Bretby Handling System.***

Allan Gilby designed the Southern Colliery Longwall Face Shearer Bretby Handling system. The Bretby Handler consists of a roller, which is installed under the Bretby and rolls along the AFC on the spill plates and handrails.

Two employees advance the roller and the Shearer Bretby is automatically lifted to allow support brackets to be installed under the Bretby. The replacement of the Bretby is the reverse of the removal.

The Bretby Handler has practically eliminated the manual handling from the removal of the Shearer Bretby. It has made the task much easier and safer. For such a simple idea, the risk of injury has been almost eliminated. The Bretby Handler has been refined to make it more suitable to the task and now we find that it has an even wider application.

The removal of the Shearer Bretby at Southern Colliery has been made far safer than it has ever been before. The Bretby Handler has practically eliminated hazardous, back breaking manual handling tasks and Allan Gilby deserves the thanks.



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