



dragsim

DragSim

Description

DragSim — Runge's Dragline Simulation system — is used to model dragline stripping operations, with the aim of optimising waste movement and equipment productivity. DragSim simulates all facets of a dragline operation and is effective for both medium- and long-term planning.

Application

DragSim was developed so that users could reproduce dragline methods over a range of operational parameters. DragSim incorporates blasting, waste stripping and other mining equipment into the analysis to better simulate actual operations.

DragSim is a Windows software application with an industry-standard graphical interface for displaying and editing linked cross-sections for volume balancing. Users can create generic working methods with DragSim, which can then be run over a database of reserve blocks with varying geometry, such as those used in Runge's XPAC software.

Benefits

The key benefits of using DragSim include:

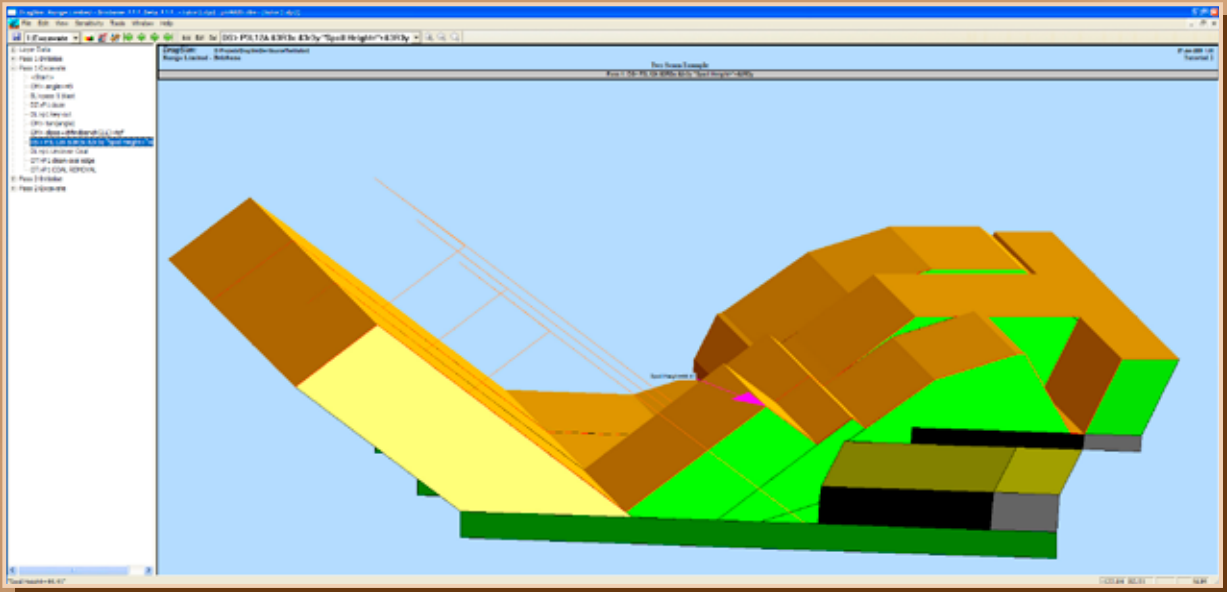
- A DragSim user can easily and quickly reproduce and modify all steps involved in the analysis.
- Productivity and cost of production can be quickly and accurately analysed.
- DragSim users can input real mine profile data, then calculate and simulate productivity, unit costs, rehandles and volumes. Users can make specific decisions that are based on important operational and dragline parameters.
- DragSim incorporates three dimensional control of the simulation through linked cross-sections and databases, and can output pit cross-sections, working plans and rendered 3D views.



mrm

runge





A screenshot taken from DragSim software

About Runge

Runge Limited (Runge) is a leader in the provision of technology products, consulting services, and training courses to the global mining industry, delivering solutions and services across a range of commodities.

With expertise across a range of mining disciplines, our approach to the *business of mining* is strongly grounded in economic principles and delivering mine planning solutions that are tightly coupled with our technological support and training. Through these solutions, mining professionals gain access to technology and knowledge that allows them to optimise their business planning process. We provide expertise from corporate advisory and strategic planning through due diligence and related financial services to resource and reserves management.

Runge currently owns and operates 18 offices in 10 countries throughout the world. Our team includes Pincock Allen & Holt, Minarco-MineConsult, MRM Mining Services Pty Ltd and GeoGAS.

Runge provides people and technologies from across our global offices. We have integrated processes which ensure consistency of quality deliverables for our customers around the world. For any given project we enlist the best combination of technology and people to suit the location, commodity, scope and specialist skill requirements.

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