



XPAC Open Cut Design

Description

Runge's XPAC Open Cut Design software module is a simple, easy-to-use, design and reserving system for open cut coal deposits, and open cut deposit where the geology has been modelled with grids.

Application

In combination with XPAC, the Open Cut Design module is used to model vertical batter blocks and simplifies the main tasks of this process namely through the:

- Importation of gridded topographic, structural, and quality grids generated from any geological modelling system
- Generation of block and strip layouts
- Generation of *in situ* vertical batter reserves based on the block and strip layout
- Automatic building and maintenance the XPAC main database structure, and populating that structure with *in situ* reserves information.

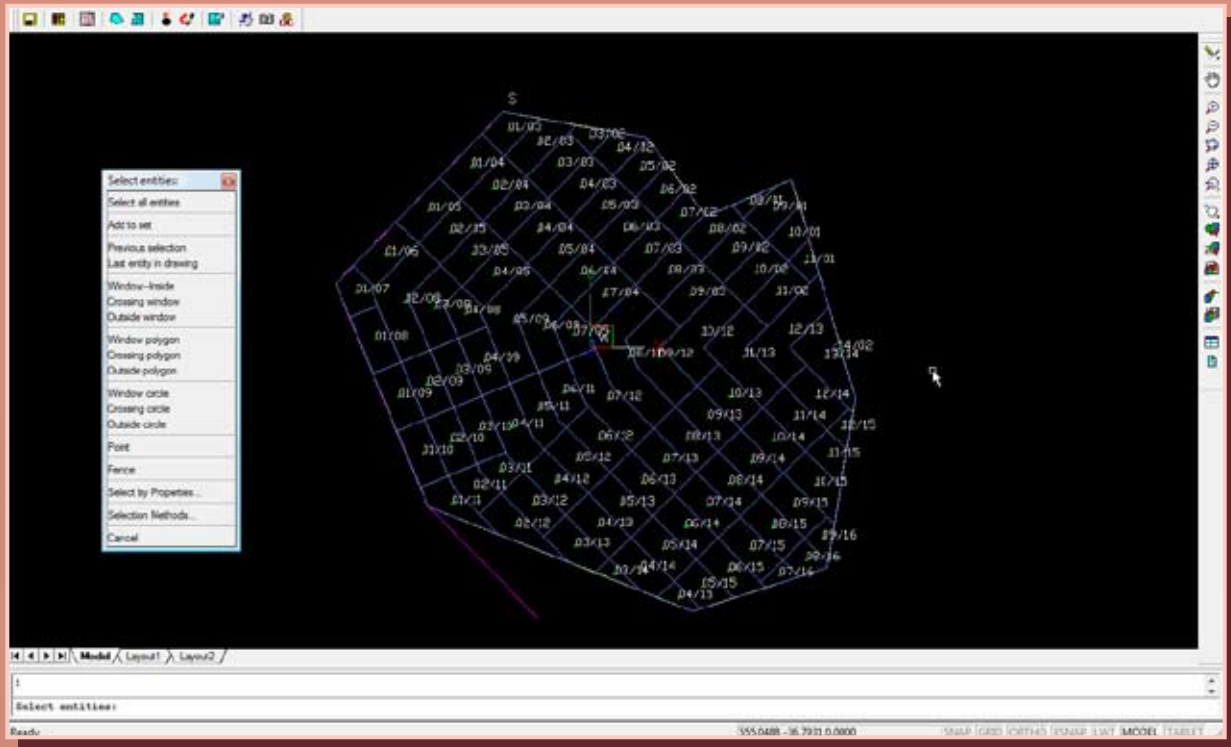
Benefits

The XPAC Open Cut Design module is an IntelliCAD plug-in. As a result, it leverages standard available CAD tools to provide greater power and flexibility. IntelliCAD is compatible with AutoCAD — plans can easily be imported in standard formats. New XPAC Open Cut Design users have a much reduced learning curve if they are already familiar with AutoCAD.

XPAC Open Cut Design provides an environment for fast assessment of deposits for margin ranking and reserving. It can also be used for short-term work and detailed design work, depending on the layout complexity required.

XPAC Open Cut Design is compatible with XPAC Underground Coal, offering users a simple and easy transition between both applications.





A screenshot taken from XPAC Open Cut Design 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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