

xeras

financial modelling

XERAS Financial Modelling

Description

XERAS Financial Modelling — Runge's activity-based costing software — is designed for strategic decision making, long-term planning, and annual budgeting.

XERAS is intimately intertwined with the mine planning process. It is an iterative system, which allows for quick, easy and auditable financial evaluation of mine plans and scenarios. Customised data handling routines link XERAS inputs and outputs with other systems such as SAP.

Application

User of XERAS Financial Modelling software can compare planned financials against actual costs and can forecast and re-forecast rapidly.

With the power and organisation of a database, XERAS also has the flexibility of multiple spreadsheets and can import data to and from existing spreadsheets and enterprise systems.

XERAS has been built to handle sophisticated equipment replacement calculations using recognisable text for variables instead of cell addresses, thus making formulas easier to understand.

Features

XERAS Financial Modelling is a robust software solution that has a range of features including:

- Powerful audit tools that contribute towards achieving corporate governance and organisational control
- Easy to use audit trail to track data from financial reports back to source data entry points
- Ease of navigation
- Instant access to any level within the multi-layers of the system whilst seeing an overall visual representation of the model.

Benefits

With XERAS Financial Modelling, users can:

- Custom-build the model to suit mine specifications
- Forecast total and unit costs using either equipment-based or process-based calculations
- Master specific tasks including capital depreciation and discounted cash flow
- Incorporate variable curves to calculate productivity, operating and maintenance costs and other variable information
- Create accurate and credible budget forecasts, and complete re-forecasting without the need for intensive data gathering.



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The screenshot displays the XERAS 7.8 Advanced Budgeting software interface. The main window shows 'Resource: Equipment Resource: Shovel_41' with a table of units and costs for the years 2003 and 2004 (Qtr1, Qtr2, Qtr3). A smaller window titled 'Activity: Labour: Summary: CPP, Lab, CPP' is overlaid, showing a table for 'CPP Manning' with columns for 'Code', 'Description', 'Units', 'BaseData', and quarterly data for 2003 and 2004. The table includes rows for 'Operators 5 Day', 'Maintenance', 'Technical Staff', 'Professional Staff', and 'Labour Number', along with a 'Labour Cost' section showing 'Average Annual Cost' for each category.

Code	Description	Units	BaseData	2003	2004 Qtr1	2004 Qtr2	2004 Qtr3	2004 Qtr4	2004
CPP	CPP Manning								
OP5D	Operators 5 Day	no		38.0	38.0	38.0	38.0		152.0
MNT	Maintenance	no		18.0	18.0	18.0	18.0		72.0
TST	Technical Staff	no		3.0	3.0	3.0	3.0		12.0
PRO	Professional Staff	no		1.0	1.0	1.0	1.0		4.0
LAB	Labour Number	no		44.0	44.0	44.0	44.0		176.0
LABC	Labour Cost	\$	Average Annual Cost						
OP5D	Operators 5 Day	\$	64,052	628,972	628,972	635,884	635,884		2,533,712
MNT	Maintenance	\$	79,733	158,786	158,786	200,978	238,378		756,928
TST	Technical Staff	\$	85,000	63,676	63,676	64,274	64,274		255,900
PRO	Professional Staff	\$	110,000	27,425	27,425	27,726	27,726		113,302
LABC	Labour Cost Total	\$		918,758	918,758	928,855	928,855		3,663,842

A screenshot taken from XERAS Financial Modelling 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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