

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.

The screenshot displays the XERAS 7.8 Advanced Budgeting software interface. It features a tree view on the left with 'Equipment Resource' expanded to 'Rope Shovel 4100'. The main window shows a table with columns for 'Code', 'Description', 'Units', 'BaseDate', and quarterly data for 2003, 2004 Qtr1, 2004 Qtr2, and 2004 Qtr3. A secondary window titled 'Activity: Labour - Summary\CPP\lab\CPP' is overlaid, showing a detailed breakdown of 'CPP Manning' and 'Labour Cost' with sub-rows for 'Operators 5 Day', 'Maintenance', 'Technical Staff', and 'Professional Staff'. The 'Labour Cost Total' is shown as 918,758 for 2003 and 928,855 for 2004.

Code	Description	Units	BaseDate	2003	2004 Qtr1	2004 Qtr2	2004 Qtr3	2004
4100	Rope Shovel 4100							
	Equipment Characteristics							
	Equipment Classification							
	Rated Power	kW		1,450	1,450	1,450	1,450	1,450
	Equipment Roster Type							
	Operating Labour Type							
	No of Operators	no		1				1
	Maintenance Labour Type							
	Equipment Utilization							
	CPP Manning							
	Operators 5 Day	no		38.0	38.0	38.0	38.0	38.0
	Maintenance	no		18.0	18.0	18.0	18.0	18.0
	Technical Staff	no		3.0	3.0	3.0	3.0	3.0
	Professional Staff	no		1.0	1.0	1.0	1.0	1.0
	Labour Number	no		44.0	44.0	44.0	44.0	44.0
	Labour Cost	\$						
	Operators 5 Day	\$	64,052	628,972	628,972	635,894	635,894	2,539,732
	Maintenance	\$	79,733	198,786	198,786	200,978	200,978	799,528
	Technical Staff	\$	85,000	63,676	63,676	64,274	64,274	255,900
	Professional Staff	\$	27,425	27,425	27,425	27,726	27,726	113,302
	Labour Cost Total	\$		918,758	918,758	928,855	928,855	3,708,462

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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