

Detailed Open Pit Mine Planning

MINEMAX TEMPO

WHO USES TEMPO:

- ✓ Medium Term Mine Planning Engineers
- ✓ Production Planning Engineers
- ✓ Consultants and Mine Planning Contractors

TEMPO

Tempo is an easy-to-use solution to quickly develop practical plans that satisfy all mining, processing and trucking constraints and that align with strategic plans. Tempo's interactive interface and its intuitive workflow make the schedule setup simple and straightforward. With its choice of powerful scheduling engines, Tempo is a highly functional tool for detailed mine planning that addresses real challenges facing mine planners in their operations.

To create a detailed schedule in Tempo, mine planners can bring in polygons, regularized block models or translate blocks into bench polygons. They can also use outputs from strategic scheduling software like Minemax Scheduler to guide their detailed planning.

KEY FEATURES AND BENEFITS

✓ **Fast block and polygon scheduling**

Develop practical block- and polygon-based schedules that meet your project constraints.

✓ **Automated scheduling**

Avoid the tedium of manually generating and evaluating schedules with automated scheduling

✓ **Haulage**

Model and constrain your trucking to develop a practical plan respecting trucking requirements

✓ **Detailed waste Dump scheduling**

Import waste dump designs to integrate mine and waste dump scheduling for more accurate trucking requirements and associated costs

✓ **Flexible precedence generation**

Streamline precedence generation with flexible options from simple automated setup through to advanced digitized dig lines

✓ **Mining, processing and blending constraints**

Create a schedule that is practically achievable and satisfies mining, processing and blending constraints

✓ **Multiple scheduling engine options**

1. Very fast scheduling engine using the Bienstock-Zuckerberg (BZ) algorithm

2. Optimal NPV scheduling using the same 20-year industry-proven MILP optimization technology found in Minemax Scheduler (polygon models only)

✓ **Versatile reporting and exporting**

Provide the right information to the right people with flexible reporting dashboards and exporting options

✓ **Minemax Scheduler Integration**

Easily transition from your strategic plan to a detailed plan through seamless integration with Minemax Scheduler

The mining industry called for a tool that quickly and easily generates practical plans that follow your strategic plan. We answered that call with Tempo.

Tempo makes it easy to:

- ✓ Generate practical mine plans that follow your strategic plans
- ✓ Create block-based and polygon-based schedules that respect trucking capacity
- ✓ Achieve mining, processing and blending constraints in your schedule
- ✓ Maximize retained value in transitioning from your strategic plan to your detailed plan.

Tempo Optimizer

An easy to use solution for high-value polygon-based detailed mine planning



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