

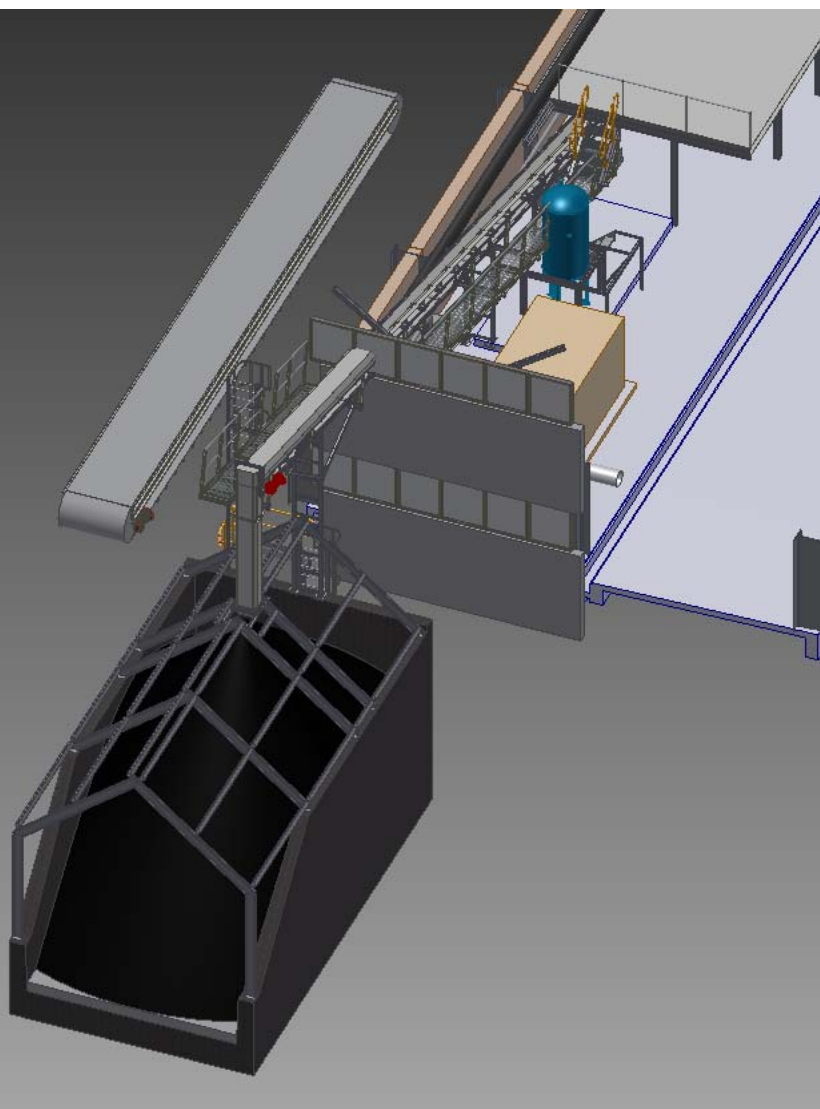
PYRITE CONCENTRATE CONVEYOR AND STORAGE

Dundee Precious Metals develops a pyrite recovery process plant. Our scope in this project was the design of a mechanical conveying system for transporting of bulk pyrite concentrate. It will operate as an auxiliary facility to the existing Copper and the new Pyrite processing plants. We also designed a bunker for temporary storage of pyrite concentrate.

Special requirements in the project were the space limitations for the conveyors route, the definition of optimal bunker volume based on all restrictions and the needed additional strengthening of the surroundings.

OUR SERVICES IN THIS PROJECT

- > Concept development
- > General arrangement
- > Permit planning
- > Structural design, calculation and detail design of the supporting structure for the conveyor to the bunker and ladders, strengthening of walls and floor on site
- > Author supervision



	Conveyor CV 1501	Conveyor CV 1504
Capacity	37 t/h	20 t/h
Speed	1,32 m/s	1 m/s
Slope	0°	13°
Belt width	650 mm	400 mm
Horizontal length	11,5 m	23,5 m
Drive motor	4kW	4kW
Bunker capacity	150 m³	
Commissioning	2013	
Site	Chelopech, Bulgaria	
Client	Dundee Precious Metals	

