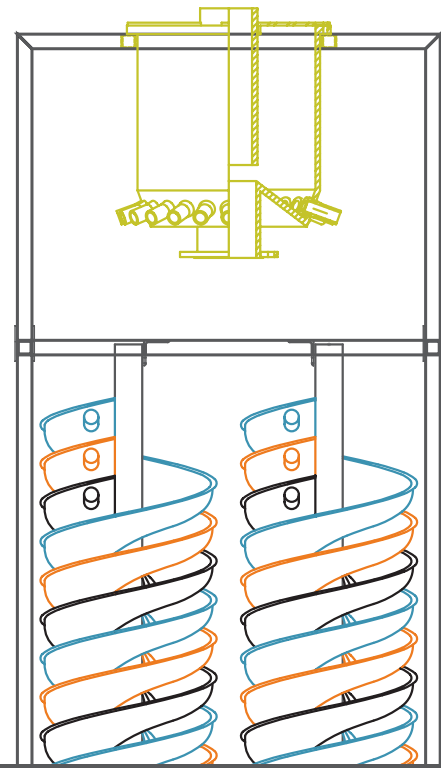


Model MC7000

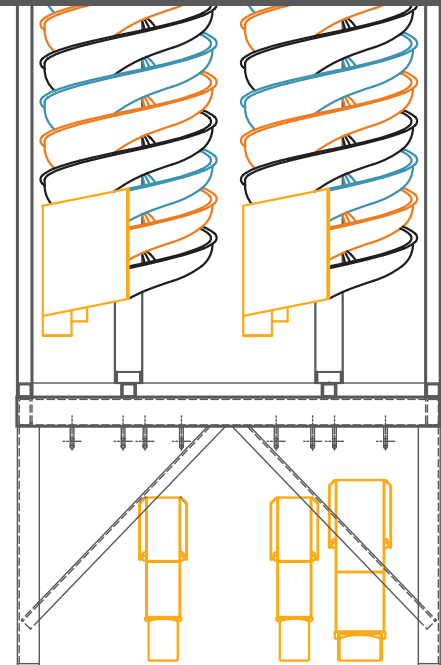


Medium grade spiral concentrators

The MC7000 model spiral is a seven-turn helix designed for separating medium concentrations of heavy minerals. Each spiral start has four super concentrate collection splitters designed for easy adjustment and repeatable positioning.

The product discharge box splitter has a similar design. All splitter handle indicators are readily visible so that the operators can see and adjust large numbers of handles accurately and quickly.

Spirals are supplied complete with detachable feed and product discharge boxes. The product box will simultaneously collect product, middlings and tails, from each spiral start.



Your process benefits

- Lightweight urethane over fiberglass, with wear resistance construction
- Durable molded polyurethane feed and discharge boxes
- Modular construction; easily replaceable wear component
- A single stacked product discharge box for each double start reduces number of outlet boxes

Outotec
More out of ore

MC7000 spirals

Spiral features

Model no.	MC7000
Designation	Heavy minerals (5-50%)
Configuration	Single, double or triple start

Construction

Construction material	Fiberglass/urethane lined
Diameter	25 in (64 cm)
Pitch	16 in (41 cm)
No. of turns	7
Concentrate collection	Inboard collecting trough
Concentrate splitters	Molded urethane
Splitters per spiral start	4
Frame	Welded steel
Feed box and product box	Cast polyurethane, detachable
Plumbing	Cast urethane elbows & PVC piping
Launders	Steel with rubber liners

Slurry distributor

Construction	Fiberglass with rubber or urethane liners
Adjustable outlets?	Yes, plug outlets will not affect flow

Dimensions of single spiral

	Single start	Double start	Triple start
Width - in. (cm)	25 (64)	25 (64)	25 (64)
Height - in. (cm)	138 (351)	146 (371)	154 (391)
Weight - lbs. (kg)	90 (41)	165 (75)	240 (109)

