

Coal Spiral Concentrators

Model CS2000

Spiral Features

Model No.	CS2000
Designation	Coal Spiral
Configuration	Single, Double or Triple Start

Construction

Construction Material	Fiberglass/Urethane Lined
Diameter	37 in (94 cm)
Pitch	16 in (41 cm)
No. of Turns	4 to 6
Concentrate Collection	Inboard collecting trough
Concentrate Splitters	Molded Urethane
No. 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 No. of Outlets?	Yes, plug outlets will not affect flow

Dimensions of Single Spiral

	Single Start	Double Start	Triple Start
Width - in. (cm)	37 (94)	37 (94)	37 (94)
Height - in. (cm)	106 (269)	106 (269)	106 (269)
Weight - lbs. (kg)	125 (57)	225 (102)	325 (147)



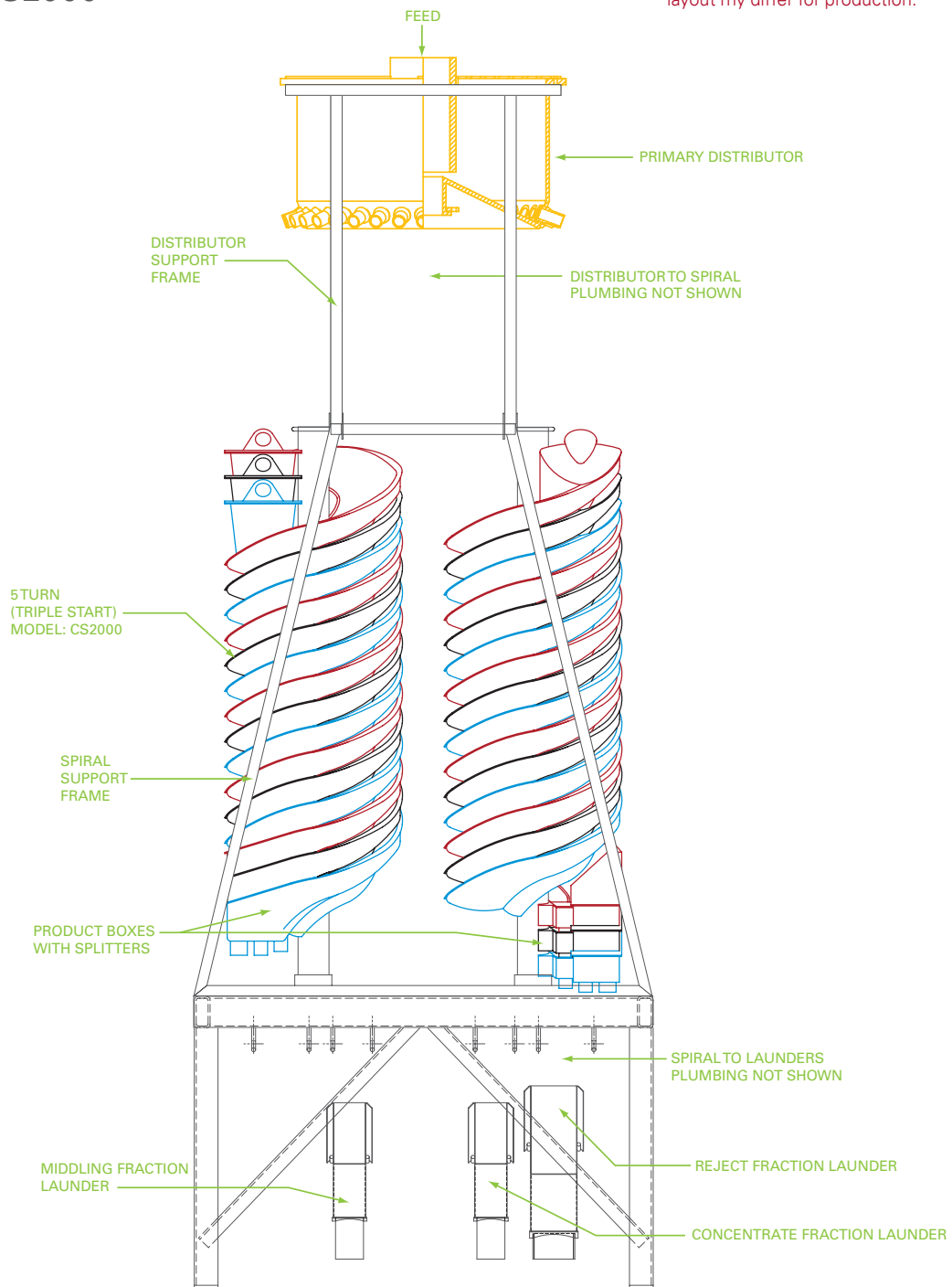
Bank of CS2000 Spirals

The CS2000 model spiral is a wide-bodied, washwaterless fiberglass/urethane spiral for coal cleaning and special mineral applications involving shape separation. This unit is available in 1, 2 and 3- start configurations utilizing between 4 and 6 turns depending on the application.

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

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NOTE: This drawing is for representation purposes only. Actual measurements and layout may differ for production.



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