



## COMPACT • LOWERING • OPERATIONS

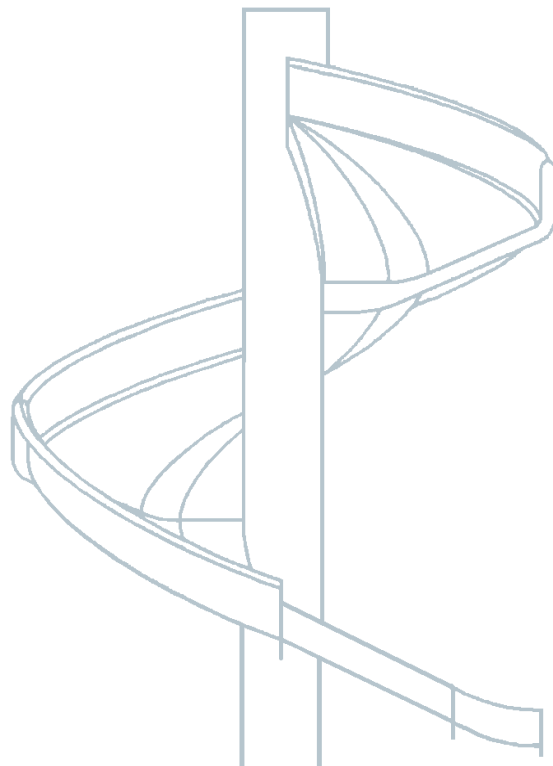


Saves Floor Space

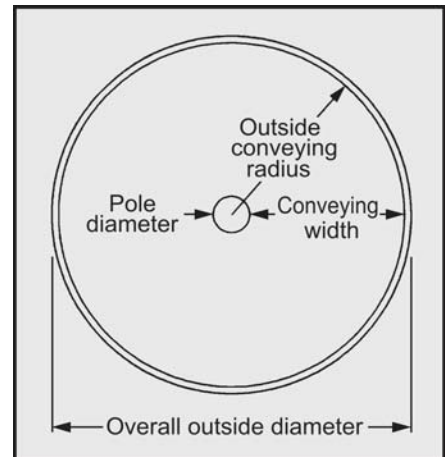
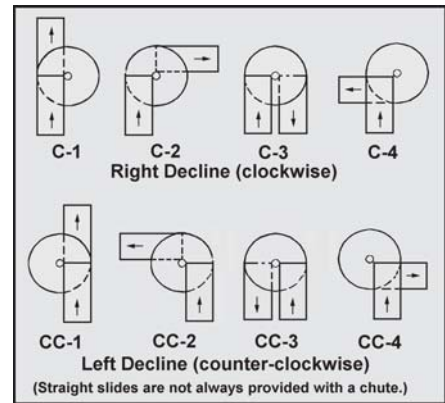
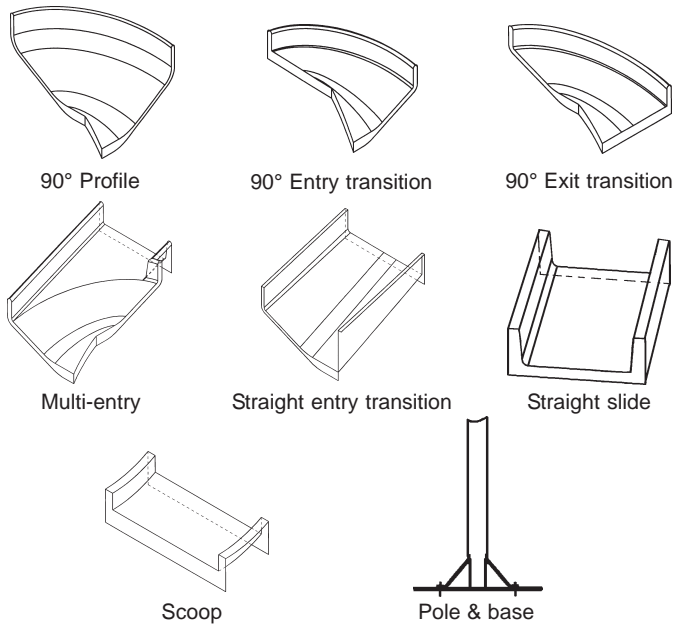
Economical Cost

Virtually Maintenance-free

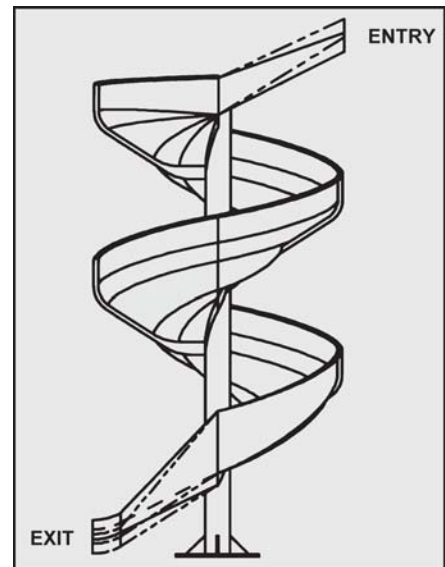
The ChuteMaster Fiberglass Spiral Chute from Portec Flomaster provides a safe, secure means of lowering your products. Specially designed fiberglass module profiles help control the descending speed of your products. In high humidity situations, the self starting characteristics of the gel-coated fiberglass assists products to flow freely, gently and safely.



**Efficient and Effective Design:** A ChuteMaster spiral chute is composed of standardized fiberglass 90° modules with an exit scoop. Additionally, a custom entry slide, a custom exit slide, and/or a sort table can be provided. These components are made of durable hand-laid fiberglass and have a special gel-coating to provide long wearing low-friction service. The spiral chute provides at least three times the floor space savings over conventional decline conveyors. Greater space savings can be realized by multi-floor applications. The size of the chute allows it to be used in tight situations, such as elevator shafts and other small spaces.



	CM-18	CM-25	CM-35	CM-51	CM-61
Straight entry transition E.D.	10"	14"	19"	36"	32"
Straight entry transition horizontal length	20"	27.38"	37"	60"	63"
90° Entry transition E.D.	11.5"	15.75"	22"	22"	NA
90° Profile E.D.	8.25"	11.25"	15.75"	18.75"	18.75"
90° Exit transition E.D.	8.25"	11.25"	15.75"	18.75"	18.75"
Multi-entry E.D.	NA	19.22"	25.38"	39"	41.81"
Mid-level entry E.D.	NA	11.25"	15.75"	18.75"	18.75"
Multi-entry straight entry horizontal length	NA	33"	44"	60"	70"
Short scoop E.D.	3"	3"	3"	3"	3"
Short scoop horizontal length	12"	12"	12"	12"	12"
Long scoop E.D.	NA	NA	6"	6"	NA
Long scoop horizontal length	NA	NA	24"	24"	NA
Support pole diameter	5.56"	5.56"	10.75"	10.75"	10.75"
Overall outside diameter	40"	52.75"	74"	106"	126"
Outside conveying radius	18"	25.38"	35"	51"	61"
Centerline radius	10.38"	14.1"	20.09"	28.19"	33.19"
Centerline angle of decline	26.5°	26.9°	29.8°	25.1°	19.8°
Width inside spiral profile	15.25"	22.63"	29.63"	45.63"	55.63"
Straight slide sideguard height	4"	5.5"	6.75"	15.75"	14"
Width inside straight slide	15.25"	22.38"	29.63"	45.63"	55.63"
Standard sort table length	48"	48"	48"	48"	48"
Standard sort table sideguard height	4"	5.5"	6"	6"	6"
Standard sort table width	15.25"	22.75"	29.63"	45.63"	55.63"
Pole base diameter	24"	24"	36"	36"	36"



1. Floor supports for entry and exit slides are not provided by Portec.
2. Horizontal bracing may be required for tall spiral chutes and is not provided by Portec.
3. All spiral chutes will be shipped fully assembled unless specifically requested at the time of the order.
4. Straight slides are limited to 120" (72" for CM-18) length for each piece. Longer slides will require more than one piece.
5. Straight slides are available for angles of decline from 22-35 degrees. 27 degrees is the preferred angle.
6. The straight entry slide on the CM-51 Multi-Entry is 42.75" wide and made of galvanized steel.
7. If the suitability of a particular product is uncertain, we advise that a sample of the product be tested prior to placing an order.
8. The center pole height should be at least 12" (16" for CM-51 & CM-61) higher than the entry of the highest 90° profile or 90° entry transition. Center poles are built at even 1 foot increments.