

CHUTEMASTER[®]

MOLDED FIBERGLASS SPIRAL CHUTE

COMPACT • LOWERING • OPERATIONS

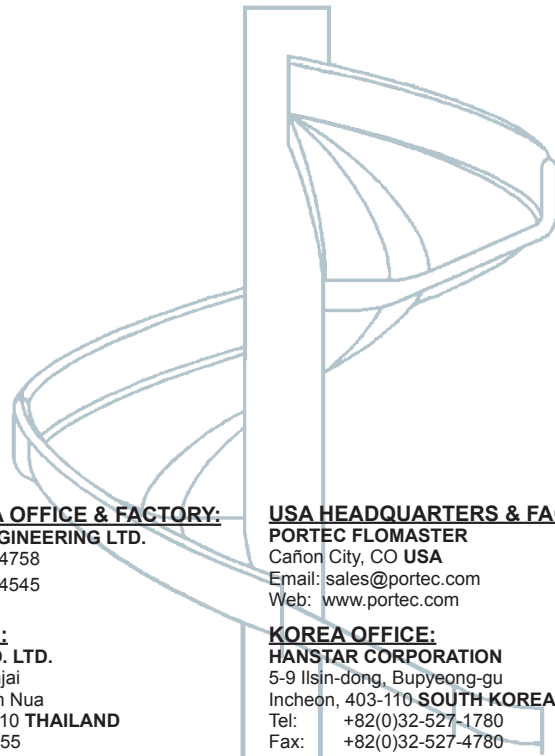


Saves Floor Space

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.



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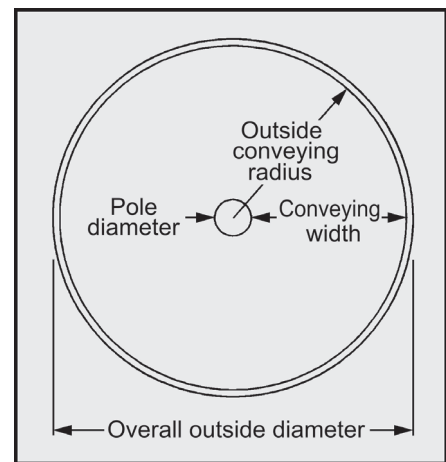
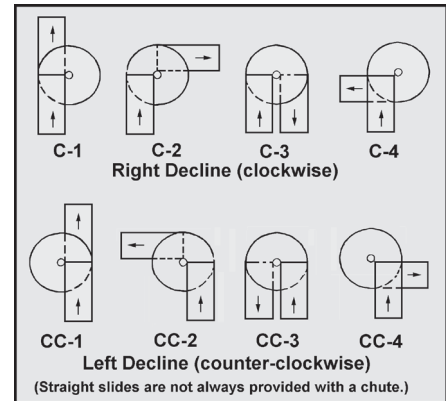
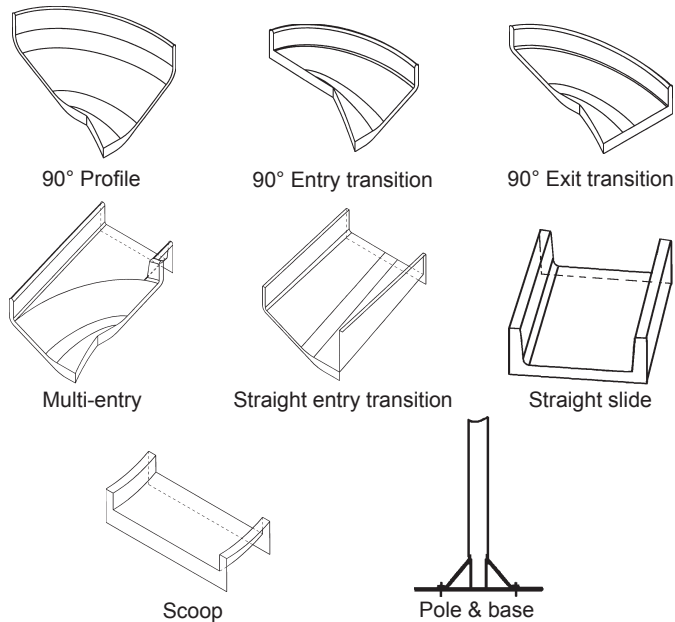
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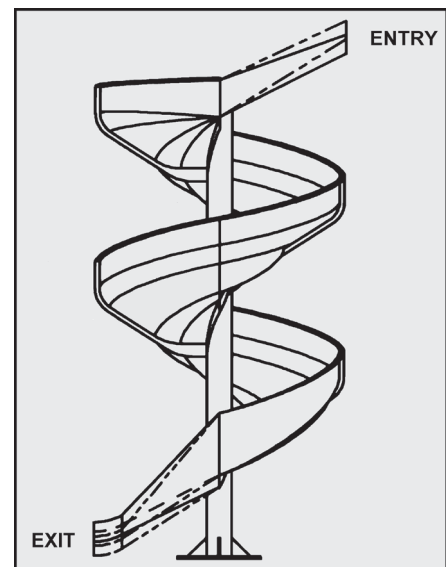
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Efficient and Effective Design: A ChuteMaster spiral chute is composed of standardized fiberglass 90° modules with an exit scoop. Additionally, a custom entry slide, a custom exit slide, and/or a sort table can be provided. These components are made 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 elevation differential (E.D.)	254	356	483	914	813
Straight entry transition horizontal length	508	695	940	1524	1600
90° Entry transition elevation differential (E.D.)	292.1	NA	559	559	NA
90° Profile elevation differential (E.D.)	209.6	285.8	400.1	476.3	476.3
90° Exit transition elevation differential (E.D.)	209.6	285.8	400.1	476.3	476.3
Multi-entry elevation differential (E.D.)	NA	488.2	644.5	991	927
Mid-level entry elevation differential (E.D.)	NA	285.8	400.1	476.3	476.3
Multi-entry straight entry horizontal length	NA	838.2	1117.6	1524	1778
Short scoop elevation differential (E.D.)	76	76	76	76	76
Short scoop horizontal length	305	305	305	305	305
Long scoop elevation differential (E.D.)	NA	NA	152	152	152
Long scoop horizontal length	NA	NA	610	610	610
Support pole diameter	141.2	141.2	273	273	273
Overall outside diameter	1016	1340	1880	2693	3200
Outside conveying radius	457	645	889	1295	1550
Centerline radius	264	358	510.3	716	911
Centerline angle of decline	26.5°	26.9°	29.8°	25.1°	18.6°
Width inside spiral profile	387	575	753	1159	1413
Straight slide sideguard height	101	140	171.5	400	356
Width inside straight slide	387	575	753	1159	1413
Standard sort table length	1220	1220	1220	1220	1220
Standard sort table sideguard height	101	140	150	150	150
Standard sort table width	387	575	752.6	1159	1413
Pole base diameter	610	610	915	915	915



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 3048 mm (1829 mm 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 1086 mm 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 305 mm (406 mm for CM-51 & CM-61) higher than the entry of the highest 90° profile or 90° entry transition. Center poles are built at 305 mm increments.
9. Steel components are epoxy powder-coated over sandblasted steel. RAL colors are standard. Optional color matching is available.