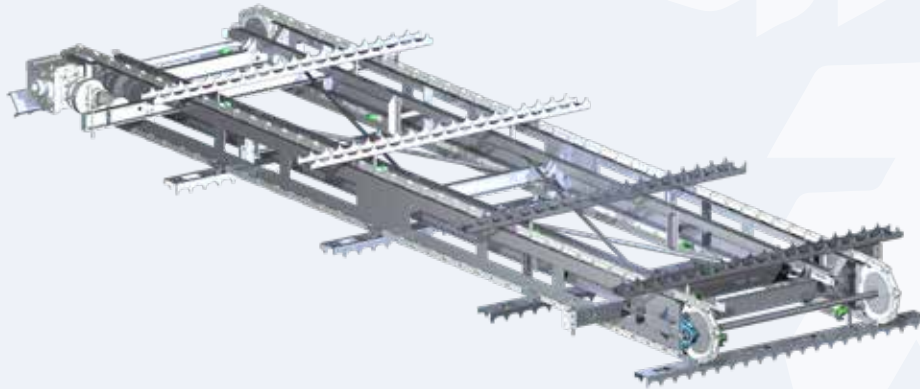


Ice-Master simplifies ice storage and delivery with robust construction and ease of operation.



- Totally enclosed electric hoist drive and cable system
- Automatic door
- Shaft-mounted motor/reducer in stainless steel enclosure; protected from chains and sprockets
- Stainless steel lift cables, pulleys and pulley brackets
- Wash-down duty drive motor
- Gear reducer lubricant approved by the FDA and USDA for food contact

Standard Features

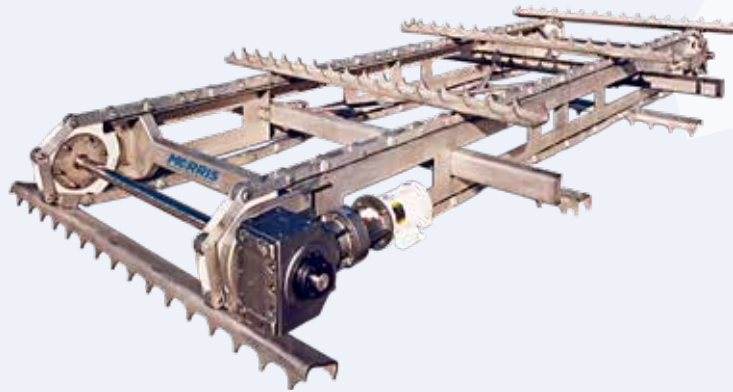
- Computer-controlled system for labor-free operation
- Programmable logic-controlled (PLC) rake system; controls rake's movement and rate of ice discharge
- Stainless steel rake assembly with flights, shafts, channels and supports
- Aluminum and stainless steel rake chain with UHMW rollers and sprockets
- Bin walls and floor constructed with anodized structural aluminum members and stainless steel fasteners
- High density polyethylene (HDPE) wall and floor liners
- Permanently sealed needle bearings on pulleys for maintenance-free operation

24/7 Service & Parts Support

Contact a live Morris representative around the clock for field service or parts support at +1.919.582.9200.



Heavy duty drive assembly



Specifications

| Rake Bin Model Number ¹ | Storage Capacity (by Bin Height) ² | | | Inside Dimensions [m] ft | | Outside Dimensions ft [m] | |
|------------------------------------|---|------------|------------|--------------------------|-------------|---------------------------|----------------|
| | 10' [3.1m] | 15' [4.6m] | 20' [6.1m] | L | W | L ³ | W ⁴ |
| MRB-1510-H ⁵ | 15 tons | 30 tons | 40 tons | 15'2" [4.6] | 9'9" [3.0] | 21'7" [6.6] | 12'8" [3.9] |
| MRB-2010-H ⁵ | 20 tons | 35 tons | 50 tons | 20'2" [6.2] | 9'9" [3.0] | 26'7" [8.1] | 12'8" [3.9] |
| MRB-2015-H ⁵ | 30 tons | 55 tons | 85 tons | 20'2" [6.2] | 14'9" [4.5] | 26'7" [8.1] | 17'8" [5.4] |
| MRB-3020-H ⁵ | N/A | 115 tons | 165 tons | 30'2" [9.2] | 19'9" [6.0] | 36'7" [11.2] | 22'8" [6.9] |
| MRB-3520-H ⁵ | N/A | 135 tons | 195 tons | 35'2" [10.7] | 19'9" [6.0] | 41'7" [12.7] | 22'8" [6.9] |
| MRB-4520-H ⁵ | N/A | 170 tons | 250 tons | 45'2" [13.8] | 19'9" [6.0] | 51'7" [15.7] | 22'8" [6.9] |

Notes:

- 1 Rake Bins are built to suit space conditions and storage capacity. This is only a short list of standard sizes. Consult Morris Sales Representative for other configurations.
- 2 Capacity calculated at 35lb/ft³
- 3 Length includes hoist
- 4 Width includes the exit auger
- 5 Bin Height (Subtract 4' for effective ice storage space)

Dimensions and tonnage ratings are approximate. Sample bin sizes shown above. Other bin sizes and drop-in replacement rakes are also available.

