



FLAKE ICE STORAGE SYSTEMS





1 - Compact standard solutions for flake ice production and storage



SA 215 S / SA 415 S
on subframe with
ice storage cart EVA 75



SA 215 S / SA 415 S
on silo EN 1



RVE 800 S
on silo ITS 1350-60
with 2 ice storage carts EVF 201

2 - Individual solutions for special requirements

Modular chute systems offer a great variety of installation possibilities for flake ice machines. The MAJA-range starts from simple chute extensions with photoelectric barrier up to fully automatic installations, such as the Y-chute-system with automatic flap and cart detector.

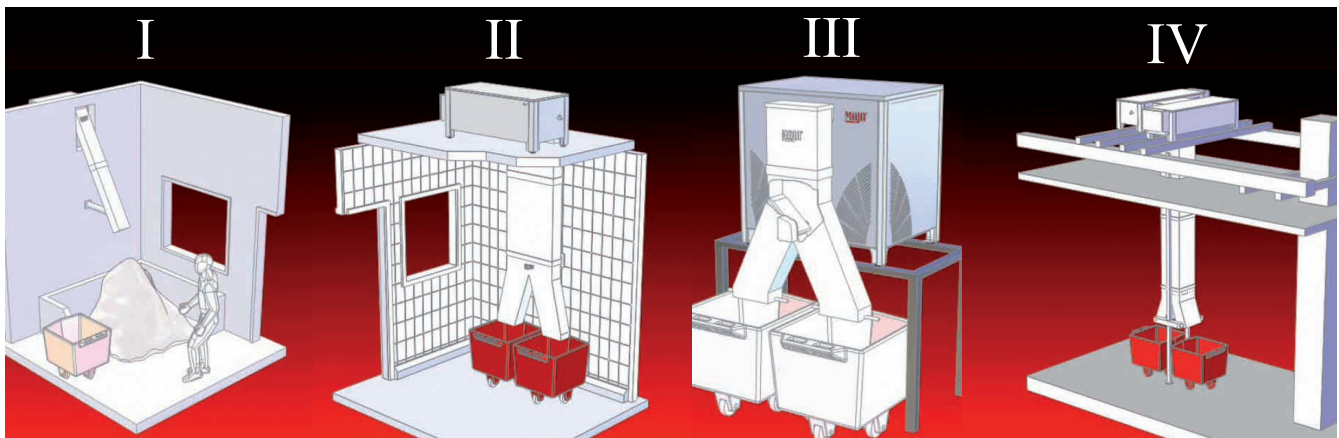
Some examples for installation:

I - SA on cold room with inclined chute

III - SA with automatic chute flap

II - RVE on cold room ceiling with Y-chute

IV - 2 RVE on intermediate ceiling



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3 - Automatic flake ice storage systems

Wherever big quantities of flake ice must be handled, the use of automatic silo systems, type MAJA AS, is recommended. The time-consuming and labour-intensive manual shovelling of tons of flake ice is no longer necessary, as the flake ice is extracted by the means of spiral conveyors at the push of a button.

Silo frame, internal/external housing as well as the spiral conveyor/s are completely made from stainless steel, thus ideal hygiene conditions. Different options are available for offering for each special application the optimum solution.

Options:

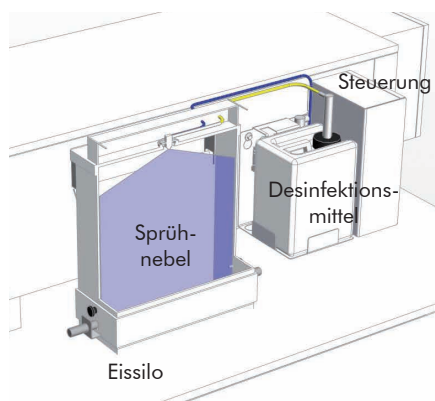
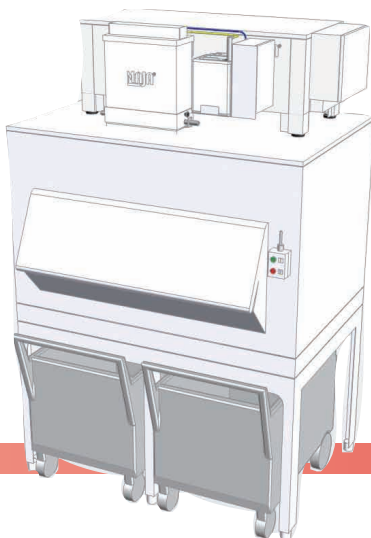
- Ladder and accessible silo ceiling with safety railing
- Ice level indication through digital display (accuracy approx. 1 %)
- Internal silo cooling system from ambience temperatures above + 12 °C
- Reversible spiral conveyor for 2 extraction points
- Interface for floor balance

Picture with options ladder, accessible silo ceiling and safety railing →



4 - Option: Automatic chute and silo degermination

Hygiene is an important aspect, not only at the production of flake ice, but also during transport and storage. MAJA offers a fully automatic degermination system for ice chutes and silo systems.



Advantages:

- Fully automatic degermination of chute and silo at the push of a button
- Considerable time savings compared to manual degermination
- Disinfectant hydrogen peroxide reaches as atomized spray even narrow parts - residue-free disintegration!

TECHNICAL DATA

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Silo type E

| Type | Ice capacity kg | Ice capacity Liter | Width mm | Height mm | Depth T1 mm | Depth T2 mm | Weight kg | Suitable for |
|------|-----------------|--------------------|----------|-----------|-------------|-------------|-----------|--|
| EN 1 | 185 | 430 | 762 | 1093 | 788 | 991 | 94 | RVE 200 S / SA 215 S RVE 400 S / SA 415 S |
| E 2 | 1020 | 2360 | 1330 | 1650 | 1330 | 1890 | 320 | SA / RVE 800 S SA / RVE 1500 S |
| E 3 | 1380 | 3150 | 1330 | 2150 | 1330 | 1890 | 560 | SA / RVE 1500 S SA / RVE 3100 S |

Silo type ITS with ice storage carts EVF

| Type | Max. silo capacity kg | Max. silo capacity incl. ice cart kg | Width mm | Depth mm | Depth with doors mm | Height mm | Number of ice carts (included) |
|-------------|-----------------------|--------------------------------------|----------|----------|---------------------|-----------|--------------------------------|
| ITS 500-31 | 227 | 317 | 788 | 1016 | --- | 1524 | 1 |
| ITS 700-31 | 318 | 408 | 788 | 1016 | 1220 | 1905 | 1 |
| ITS 1350-60 | 612 | 792 | 1524 | 1016 | 1220 | 1905 | 2 |
| ITS 2250-60 | 955 | 1135 | 1524 | 1016 | 1220 | 2464 | 2 |
| ITS 3250-90 | 1474 | 1744 | 2286 | 1016 | 1220 | 2464 | 3 |
| EVF 201 | --- | 90 | 649 | 1055 | --- | 712/889 | --- |

Silo type ITS for mincer carts

| Type | Max. silo capacity kg | Width mm | Depth mm | Depth with doors mm | Height mm | Number of mincer carts (NOT included) |
|---------------------------------|-----------------------|----------|----------|---------------------|-----------|---------------------------------------|
| ITS 500-31 K | 227 | 863 | 1016 | --- | 1524 | 1 |
| ITS 700-31 K | 318 | 863 | 1016 | 1220 | 1905 | 1 |
| ITS 1350-60 K | 612 | 1614 | 1016 | 1220 | 1905 | 2 |
| ITS 2250-60 K | 955 | 1614 | 1016 | 1220 | 2464 | 2 |
| ITS 3250-90 K | 1474 | 2388 | 1016 | 1220 | 2464 | 3 |
| EVA 75 (instead of mincer cart) | 75 | 680 | 800 | --- | 680 | --- |

Automatic flake ice silos Type AS

| Type | Ice capacity m ³ (kg) | Width mm | Depth mm | Height mm | Weight (unloaded) kg | Allowed floor load kg |
|--------|----------------------------------|----------|----------|-----------|----------------------|-----------------------|
| AS 40 | 4 (1700) | 1140 | 3500 | 3606 | 1900 | 1000 |
| AS 50 | 5 (2100) | 1460 | 3500 | 3650 | 2500 | 1000 |
| AS 62 | 6,2 (2600) | 1460 | 4000 | 3650 | 2700 | 1500 |
| AS 75 | 7,5 (3100) | 1460 | 4500 | 3650 | 2900 | 1500 |
| AS 100 | 10 (4200) | 1600 | 4700 | 4069 | 3100 | 1500 |

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