



FILM FLAKE SILO

DESIGN & FUNCTION

Due to their relatively low bulk density, flow properties, consistency or static electricity, light-weight materials such as film flakes tend easily to bridge when being stored and discharged. The purpose of the Film Flake Silo is precisely to avoid this unwanted effect.



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|---------------------------------|--|
| Low bulk density. | Specially for the processing of film flakes with low bulk density. |
| Bulk density. | Bulk densities of 20 to 300 g/m ³ (0,02 to 0,3 kg/dm ³). |
| Mixing screw. | Three vertically-mounted mixing screws. |
| Homogenization. | Constant movement of the material promotes homogenization of film flakes of variable thickness and size. |
| Material size. | Film flakes are up to 30 mm in length. |
| Feeding. | Tangential feeding via pressure transport. |
| No dead zones. | Specially shaped silo to avoid dead spots. |
| Discharge. | Consistent and adjustable discharge via a separate discharge screw. |
| Manhole. | Manhole with limit switches for better maintenance of the Silo. |
| Volume. | Volumes from 3 m ³ to 40 m ³ . |
| Materials. | Standard or stainless steel. |
| Railing/vertical ladder. | Optional with guard rails on top and vertical ladder, including back protection. |
| Options. | Other options and sizes available on request. |



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TECHNICAL DETAILS

| Volume [m³] | Cylinder Ø [mm] | Cylinder height [mm] | Total height* ¹ [mm] |
|----------------|--------------------|-------------------------|------------------------------------|
| 3 | 1.750 | 1.500 | 2.600 |
| 5 | 1.750 | 2.500 | 3.600 |
| 8 | 2.200 | 2.500 | 3.600 |
| 10 | 2.200 | 3.000 | 4.100 |
| 15 | 2.500 | 3.500 | 4.660 |
| 20 | 2.500 | 4.500 | 5.660 |
| 25 | 2.500 | 5.500 | 6.660 |
| 30 | 2.500 | 6.500 | 7.660 |
| 35 | 2.850 | 6.000 | 7.160 |
| 40 | 2.850 | 6.500 | 7.660 |

*1: All dimensions are guiding values



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