

# Outlet Hopper MFAK.

MFAK – for  
segregation-free  
discharge.



**MFAK outlet hopper** – for achieving a uniform rate of discharge of the product.

## Application

MFAK outlet hoppers installed underneath storage bins enable en-masse flow to be achieved with free-flowing products such as grain or coarse semolina, i.e. an uniform rate of discharge of the product across the entire bin cross-section. This ensures segregation-free discharge and identical retention times in holding bins.

## Design

The outlet hopper consists of two cones, one of which is placed in the other and which merge to form a joint vertical outlet section. This design ensures that the product flow above the annular cross-section and through the inner hopper is automatically regulated. Sight glasses allow checking of the material flowing through the outer and inner hoppers.

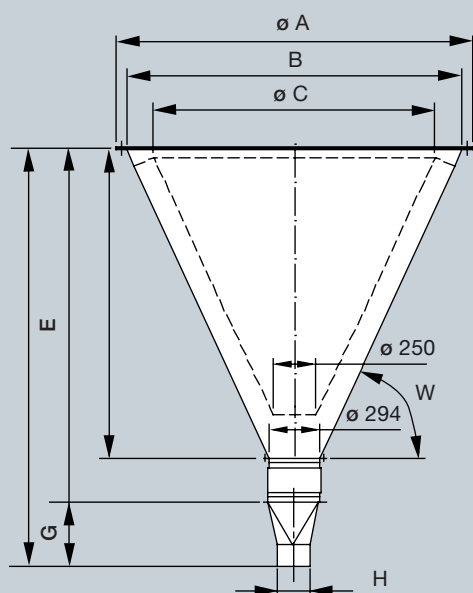
## Operating principle

The MFAK outlet hopper extracts product at a consistent rate across an annular cross-section, resulting in en-masse flow. The outlet hopper is supplied as a complete assembly and is attached to a single-hopper storage bin. This eliminates the need for expensive bin constructions, and the installation requirements are minimal.

## Features

- Uniform rate of discharge of the product across the entire bin cross-section
- First-in, first-out in holding bins
- Minimum installation requirement
- Segregation-free discharge of free-flowing products from storage bins

# Segregation-free discharge of free-flowing products from storage bins.



Spouting ø i	G	ø H
300	222	300
250	273	250
200	277	200
150	297	150
120	327	120

## Technical data, dimensions (mm), weights

Model	W	ø A	ø B	ø C	D*	E	F	G	H	Approx. weights in kg			Volume sea pack. in m³
										net	gross	sea pack.	
70	55°	820	700	506	831	554	300	Depends on spouting diameter		59	112	138	1.07
70	65°	820	700	506	976	699	445			66	122	148	1.21
100	55°	1090	970	776	1024	774	493			89	167	213	2.05
100	65°	1090	970	776	1266	989	735			106	192	238	2.43
130	55°	1390	1270	1076	1238	961	707			127	243	299	3.67
130	65°	1390	1270	1076	1588	1311	1057			158	288	354	4.51
160	55°	1690	1570	1376	1452	1175	921			192	348	429	5.96
160	65°	1690	1570	1376	1909	1632	1378			240	428	519	7.53
200	55°	2090	1970	1776	1778	1431	1207			287	514	625	10.29
200	65°	2090	1970	1776	2338	2061	1807			340	609	745	13.3

\* Applies to outlet ø H = 200, for other ø H, please see chart. (D O G + E)