

DATASHEET CONTINUOUS CUP BUCKET ELEVATORS

Continuous Cup bucket elevators are designed to handle friable, fragile materials to minimize product degradation or damage. They are also ideal for handling sluggish or abrasive materials. Continuous Cup bucket elevators are also used to convey light, free-flowing matter where aeration of the material must be avoided.

Material is fed into the buckets from an inlet chute. Buckets are designed for gentle discharge; the buckets are closely spaced on the belt or chain to allow the material to flow over the backside of the preceding bucket, whose extended sides form a chute to guide the material into the discharge spout. Direct loading of the material, combined with the slow speed of this elevator type, avoids the "throwing" action associated with centrifugal style elevators, making it ideal for use with fragile materials.



Centrifugal Style



Continuous Cup Style

Dimensions							
Type	100	125	150	180	200	250	300
A	1164 cm	1164 cm	1164 cm	1164 cm	1164 cm	1164 cm	1164 cm
B	402 cm	402 cm	402 cm	402 cm	402 cm	402 cm	402 cm
C	738 cm	738 cm	738 cm	738 cm	738 cm	738 cm	738 cm
D	1140 cm	1140 cm	1140 cm	1140 cm	1140 cm	1140 cm	1140 cm
E	4771 cm	4771 cm	4771 cm	4771 cm	4771 cm	4771 cm	4771 cm
F	6800 cm	6800 cm	6800 cm	6800 cm	6800 cm	6800 cm	6800 cm
G	885 cm	885 cm	885 cm	885 cm	885 cm	885 cm	885 cm
H	350 cm	350 cm	350 cm	350 cm	350 cm	350 cm	350 cm
I	250 cm	250 cm	250 cm	250 cm	250 cm	250 cm	250 cm
J	788 cm	788 cm	788 cm	788 cm	788 cm	788 cm	788 cm
K	1056 cm	1056 cm	1056 cm	1056 cm	1056 cm	1056 cm	1056 cm
L	200 cm	200 cm	200 cm	200 cm	200 cm	200 cm	200 cm
M	100 cm	100 cm	100 cm	100 cm	100 cm	100 cm	100 cm
N	250 cm	252.5 cm	254.5 cm	256.5 cm	258.5 cm	260.5 cm	262.5 cm
O	400 cm	400 cm	400 cm	400 cm	400 cm	400 cm	400 cm
P	600 cm	600 cm	600 cm	600 cm	600 cm	600 cm	600 cm
Capacity	1 tph	2 tph	3 tph	5 tph	7 tph	10 tph	12.5 tph

