



OTTEVANGER
PROCESS SOLUTIONS

Crumbler HE


Technical Datasheet





HIGH EFFICIENCY



Developed with PTN expertise
in pelleting technology.

Precise adjustment
of the crumb size 

Very
Accurate 

Rollers
independently driven 

Crumbler HE

Ensures optimum results with minimal grit and maximum crumb.

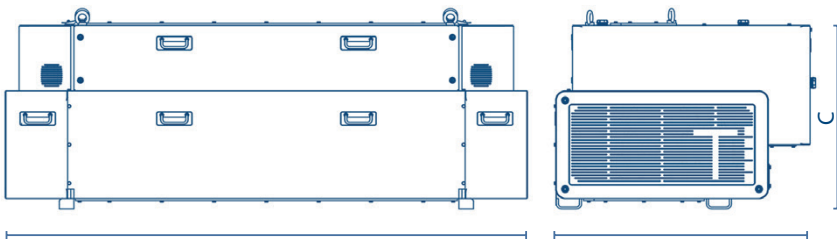
Ottevanger's crumble technology is based on two large, independently driven rollers. That ensures an optimum result of minimum fines with maximum crumb.

An integrated rotating feeder ensures an even distribution of the pellets to the crumble rollers. Large-scale axially and radially riffled crumble rollers rotate at equal speeds in opposite directions, and cut the pellet to a crumble. Using accurate measurement, the large 300mm crumble rollers guarantee an optimum result. The optional remote roller adjustment system increases the efficiency and simplifies the adjustment of the roller distance during production.

High Efficiency Line

The development of our new High Efficiency (HE) line concentrated not only on higher performances and a more hygienic design but also lower energy consumption. The new HE line gives excellent access to all maintenance areas. With this HE line Ottevanger takes a new step forward.

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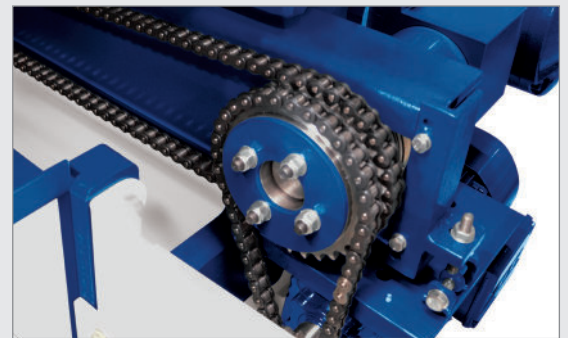


Features

- ✓ Housing manufactured from mild steel
- ✓ Rotating feeder from mild steel
- ✓ Two solid 300mm axially and radially riffled crumble rollers from hard cast iron (hartguss)
- ✓ Rollers independently driven
- ✓ Transmission via V-belts
- ✓ Accurate adjustment of crumble size
- ✓ Manual or remote roller adjustment
- ✓ Read-outs accurate to 0,1 mm
- ✓ Safety provision via die springs against foreign objects
- ✓ Heavy duty, closed shaft bearings
- ✓ Inspection hatch with safety switch
- ✓ Level indication included

High Efficiency advantages

- ✓ More capacity with same energy level
- ✓ Frequency controlled dual rotation feeder (by-pass function), frequency converter not included
- ✓ Rollers are exchangeable from front and the sides
- ✓ 50% more revision options of the rollers
- ✓ Easy access for maintenance



Type	Capacity t/h*	Dimensions in mm					Motorpower (kW)		
		A	B	C	Inlet (mm)	Outlet	Roladjustment (Option)	Feederroll	Drive
CR 307	0 - 15*	1276	1216	875	612 x 142	606 x 477	0,18 / (0,25 ATEX) (1x)	0,55 (1x)	7,5 (2x)
CR 313	10 - 30*	1876	1216	875	1212 x 142	1206 x 477	0,18 / (0,25 ATEX) (1x)	0,55 (1x)	11 (2x)
CRE 318	15 - 40*	2416	1216	875	1752 x 142	1746 x 477	0,18 / (0,25 ATEX) (1x)	0,55 (1x)	15 (2x)

* The final capacity depends on:

- kind of product
- diameter of the pellet
- kahl hardness of the pellet
- density
- required dimensions of the crumble

