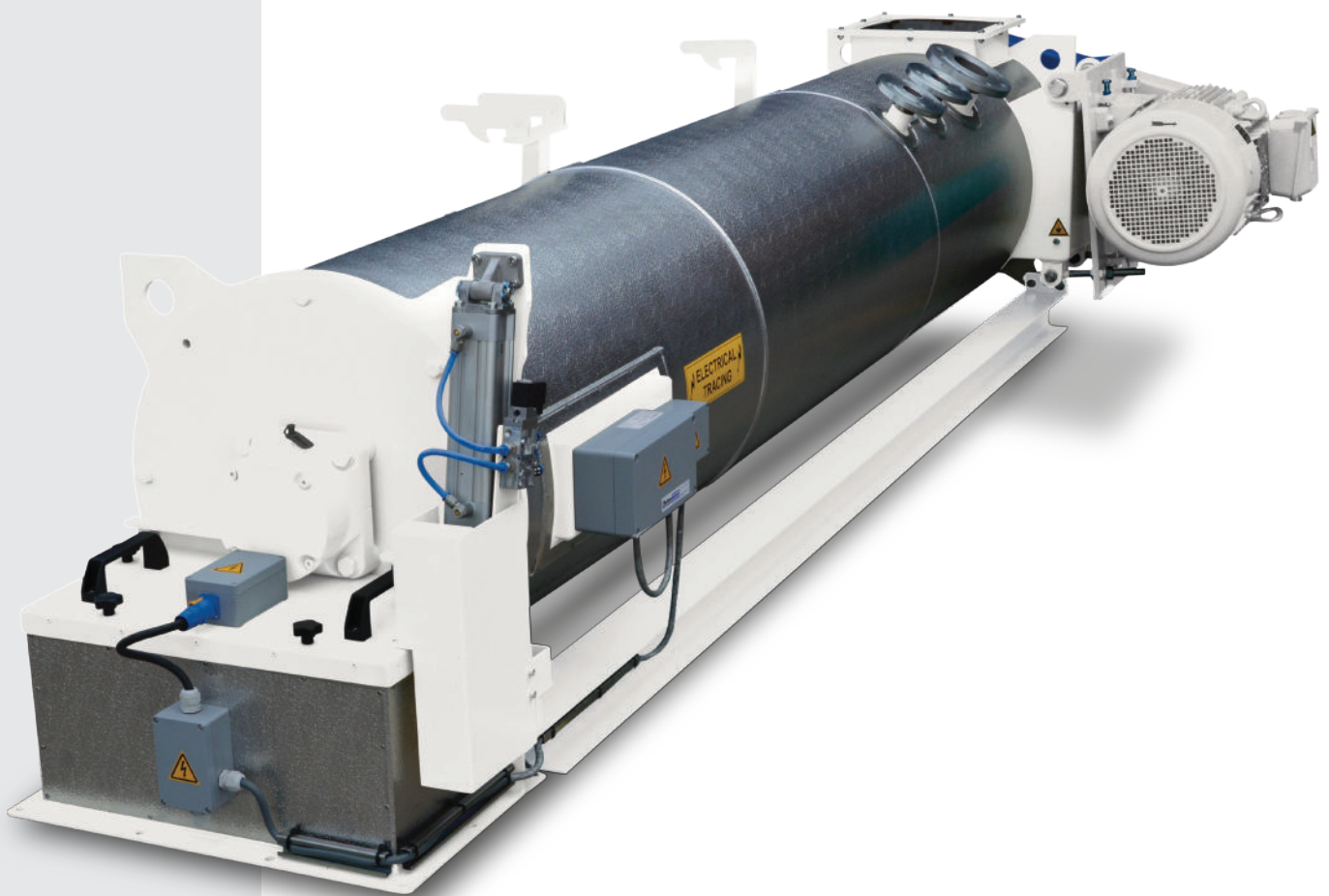




OTTEVANGER
PROCESS SOLUTIONS

Hot Start Conditioner TCS

Technical Datasheet



Developed with PTN expertise
in pelleting technology.

Homogeneous mixing
and hygienic process



Optimum absorption of
steam and liquids



Easy
to clean

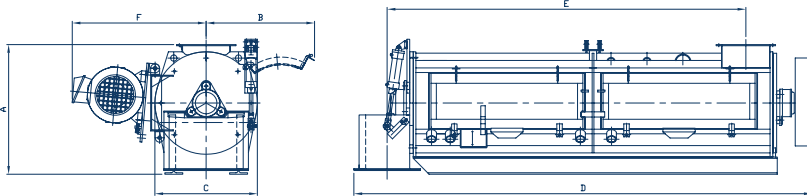


Hot Start Conditioner TCS

A closed, insulated and heated mixing chamber, in which a mixture is heated with dry steam by a shaft which can rotate in two directions.

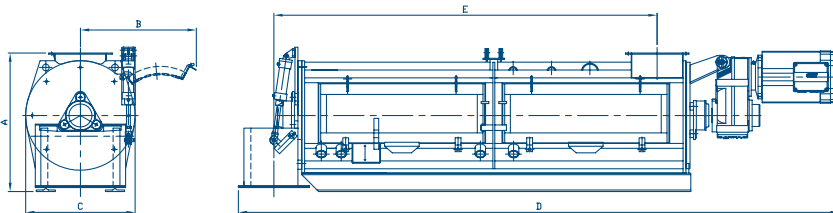
Generously sized paddles, adjustable in both height and pitch, create a homogeneous mixture and an hygienic process. Two PT 100 temperature sensors register the preset temperature after which the electro-pneumatically controlled flap of the outlet is opened.

Timing belt driven



Type	Capacity (t/h)	Dimensions (mm)						Motor-power (kW)
		A	B	C	D	E	F	
450 x 1700	12	720	605	570	2350	1703	760	7,5
450 x 2000	15	720	605	570	2650	2003	760	11
500 x 2500	20	746	640	620	3150	2480	800	11
500 x 3000	25	746	640	620	3650	2980	900	15
700 x 3000	30	1014	900	880	3800	3003	1020	15

Direct drive



Type	Capacity (t/h)	Dimensions (mm)						Motor-power (kW)
		A	B	C	D	E	F	
450 x 1700	12	720	605	570	2900	1703	760	9,2
450 x 2000	15	720	605	570	3200	2003	760	9,2
500 x 2500	20	746	640	620	3820	2480	800	15
500 x 3000	25	746	640	620	4320	2980	900	15
700 x 3000	30	1014	900	880	4450	3003	1020	18,5

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info@ottenvanger.com | +31 (0)73 549 84 72 | www.ottenvanger.com

Features

- ✓ A 100% guarantee that the mixture, right from the first kilo, undergoes the desired thermal treatment in order to combat bacteria, such as salmonella
- ✓ Homogeneous mixing and hygienic process
- ✓ Optimum absorption of steam and liquids
- ✓ Bypass system, for non-thermally treated mixtures at start of production or at emergency stop, is no longer required
- ✓ Robust construction of the housing
- ✓ Easy to clean
- ✓ Simple design
- ✓ Mixer housing in AISI 304, base plate construction in heavy duty steel
- ✓ Solid mixer shaft in AISI 304 with interchangeable paddles, adjustable in both height and pitch
- ✓ Paddle holders in AISI 304, paddles in Hardox
- ✓ Interchangeable built-in scrapers at endplates
- ✓ Electro-pneumatically controlled flap in outlet
- ✓ Directly driven by gear motor or timing belt-driven by electric motor. Gear motor or electric motor must always be controlled by frequency converter! Exclusive frequency converter
- ✓ Large inspection doors with safety switch
- ✓ 2 temperature sensors PT 100
- ✓ 1x 3" steam inlet and 2x 1½" inlet for liquids
- ✓ Mixer housing, inspection doors and outlet insulated with rock-wool
- ✓ Electric heating system with adjustable thermostat 30-110 °C

