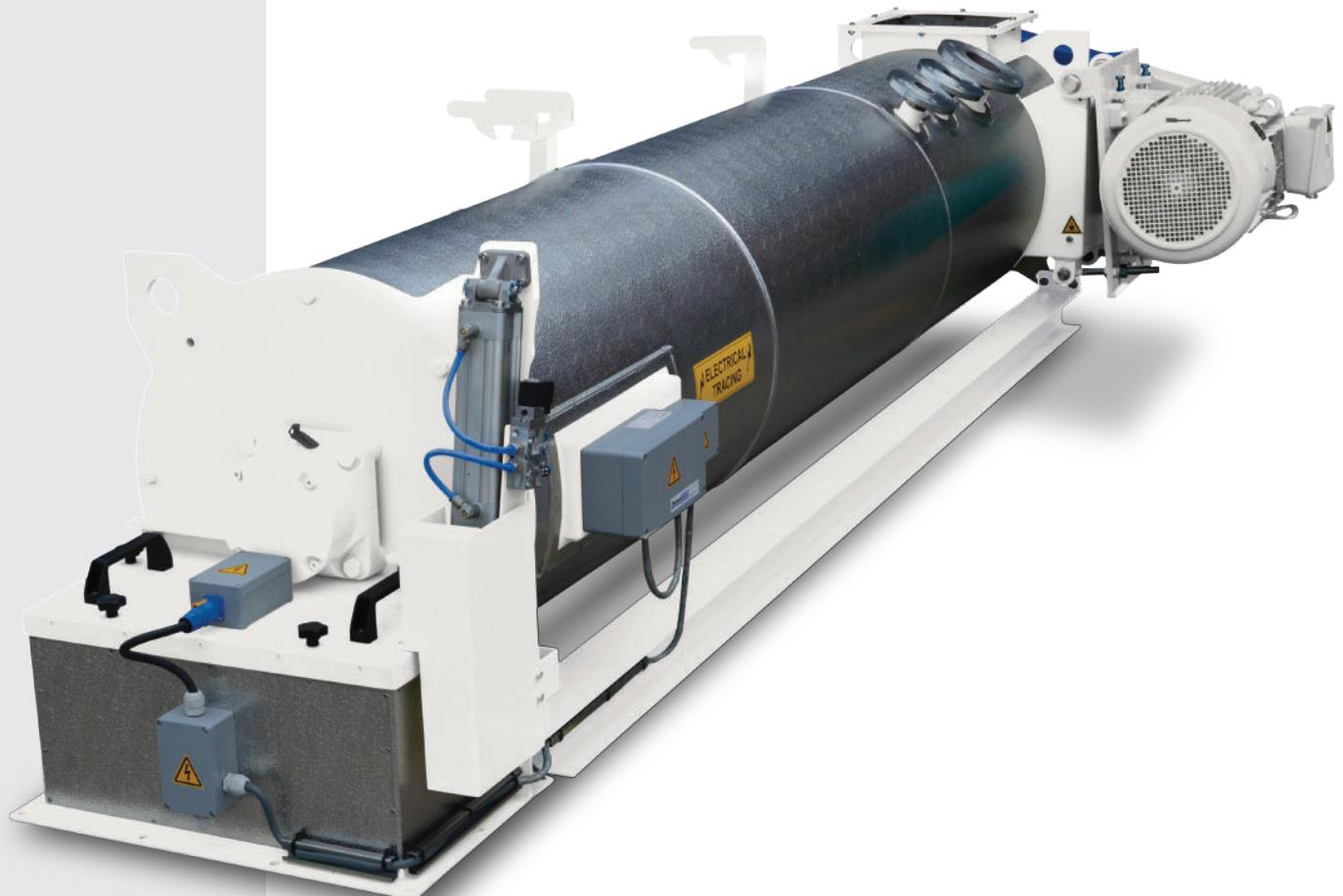




**OTTEVANGER**  
PROCESS SOLUTIONS

# 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

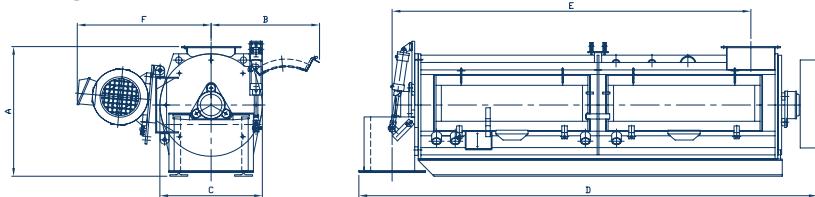


# Hot Start Conditioner TCS

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.

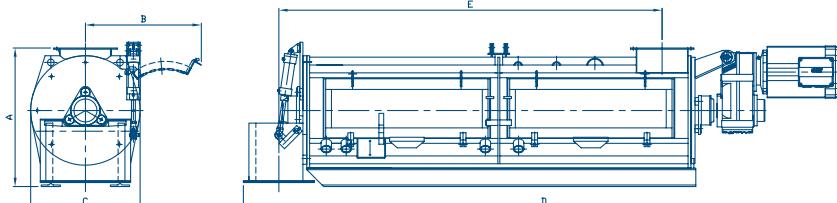
Generously sized paddles, adjustable in both height and pitch, create a homogeneous mixture and an hygienic process. Two PT 100 temperature sensors register the preset temperature after which the electro-pneumatically controlled flap of the outlet is opened.

## 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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## 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

