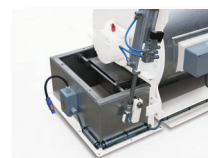




OTTEVANGER
MILLING ENGINEERS



Hot start conditioner TCS



General

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.

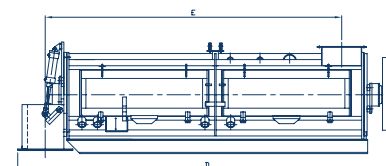
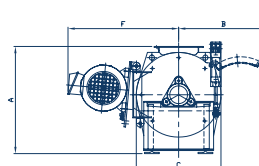
Advantages

- » 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

Features

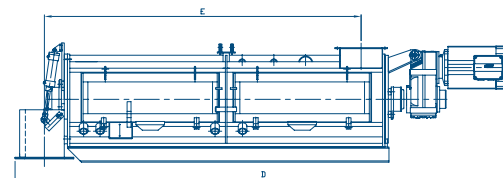
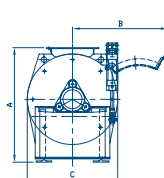
- » mixer housing in AISI 304, base plate construction in heavy duty steel
- » solid mixer shaft in AISI 304 with interchangeable paddles, adjustable in both height and pitch
- » paddle holders in AISI 304, paddles in Hardox
- » interchangeable built-in scrapers at endplates
- » electro-pneumatically 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

Timing belt driven



Type	Capacity (t/h)	Dimensions (mm)						Motor-power (kW)
		A	B	C	D	E	F	
450 x 1.700	12	720	605	570	2.350	1.703	760	7,5
450 x 2.000	15	720	605	570	2.650	2.003	760	11
500 x 2.500	20	746	640	620	3.150	2.480	800	11
500 x 3.000	25	746	640	620	3.650	2.980	900	15
700 x 3.000	30	1.014	900	880	3.800	3.003	1.020	15

Direct drive



Type	Capacity (t/h)	Dimensions (mm)						Motor-power (kW)
		A	B	C	D	E	F	
450 x 1.700	12	720	605	570	2.900	1.703		9,2
450 x 2.000	15	720	605	570	3.200	2.003		9,2
500 x 2.500	20	746	640	620	3.820	2.480		15
500 x 3.000	25	746	640	620	4.320	2.980		15
700 x 3.000	30	1.014	900	880	4.450	3.003		18,5

Ottevanger Milling Engineers

Moerkapelle, Aalten and Heteren - The Netherlands

Tel. +31 79 593 22 21

E-mail: info@ottevanger.com

www.ottevanger.com



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Ottevanger Milling Engineers B.V.

Location: Moerkapelle
Moerkapelse Zijde 32
2751 DL MOERKAPELLE
The Netherlands
Tel. +31 (0)79 593 22 21

Location: Aalten
Dinxperlosestraatweg 62
7122 AH AALTEN
The Netherlands
Tel. +31 (0)543 472 688

Location: Heteren
Komkleiland 4
6666 MG HETEREN
The Netherlands
Tel. +31 (0)26 47 906 99

www.ottevanger.com
info@ottevanger.com