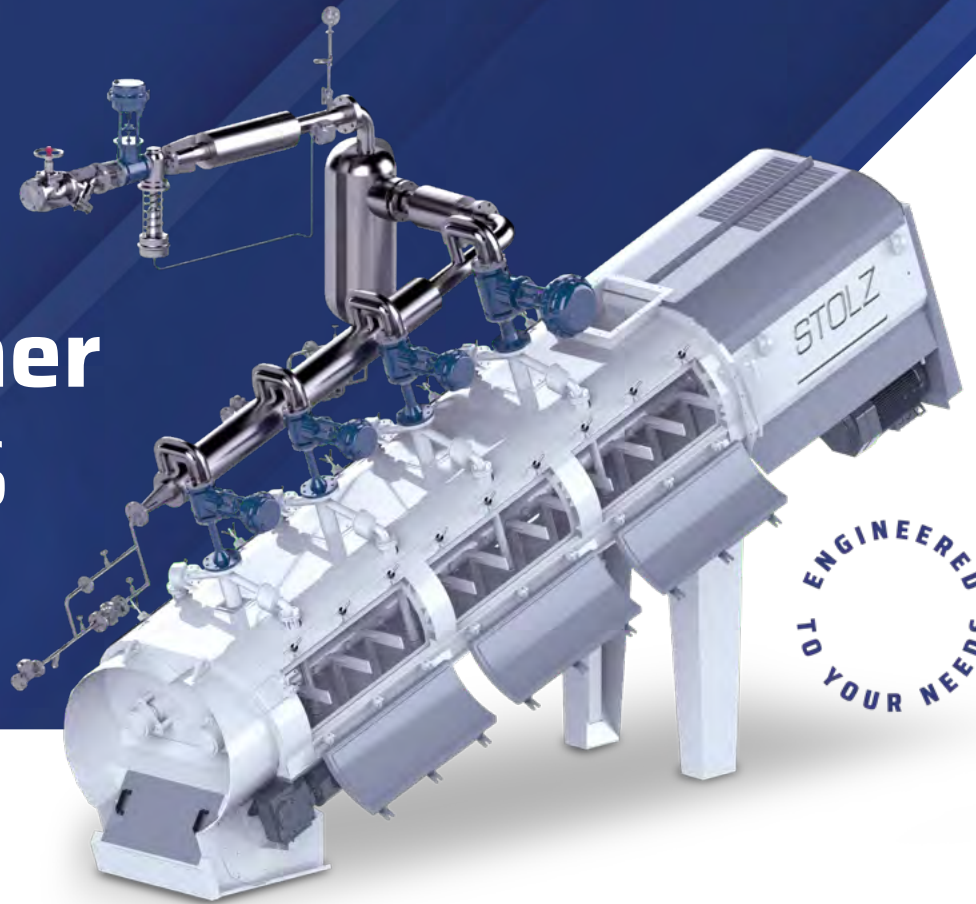


STOLZ

Super Conditioner CPID / CPIS

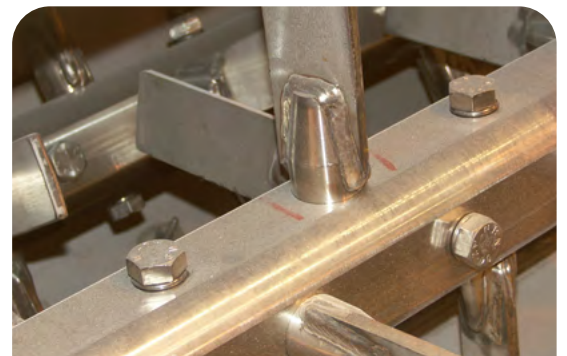


ENGINEERED
TO YOUR NEEDS

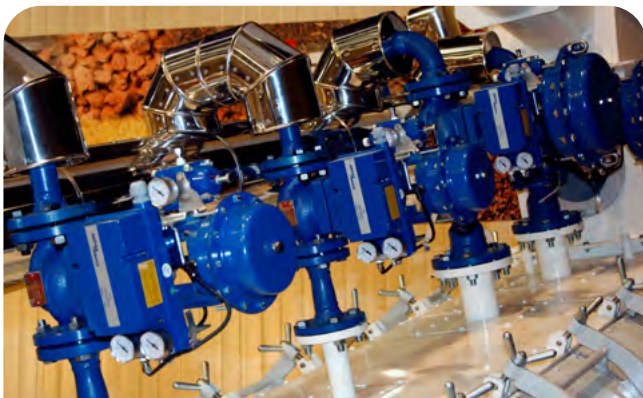
The super conditioner mounted upstream the pellet mill is designed to increase the pellet mill capacity and to improve its PDI significantly.

Such thermal treatment provides the same benefits as the long life horizontal conditioner.

The super conditioner has an a slope angle to further increase the filling and the residence time.



Rotors detail on CPID



Steam unit on CPID



Super conditioner with steam injection

Stolz is a proud part of the global Desmet organization

OPERATING PRINCIPLE

The meal is introduced into the body via a feed screw always ensuring a complete filling of the conditioner.

The product is mixed by the rotor blades. It is submitted to a shearing effect and a residence time before discharge until the opening order is given according to the temperature and the selected treatment time.

Such treatment ensures a direct steam injection and a homogeneous cooking of the product. The long lasting treatment capacity (up to 6 minutes) of this unit guarantees a perfect mixing of starch and gluten molecules.

The transverse and horizontal shearing that the product undergoes increases water addition options into meal thus improving the quality of pellets produced by the pellet mill and decreasing the energy consumption.

The outlet valve is designed for a regular feeding and a quick response time of the pellet mill. It is designed to be cleaned easily and to avoid any steam leak.



Super conditioner
with steam injection

DIMENSIONS AND POWER BY TYPE

Range	Number of rotors	Length	Width	Height	Capacity	Power	Flow rate
		mm	mm	mm	L	kW	T / h
CPIS 520	1	4491	1095	2028	450	22	7.8
CPID 520	2	4600	1170	2380	1030	2x15	17
CPID 700	2	5700	1450	2722	2020	2x30	34

STOLZ

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