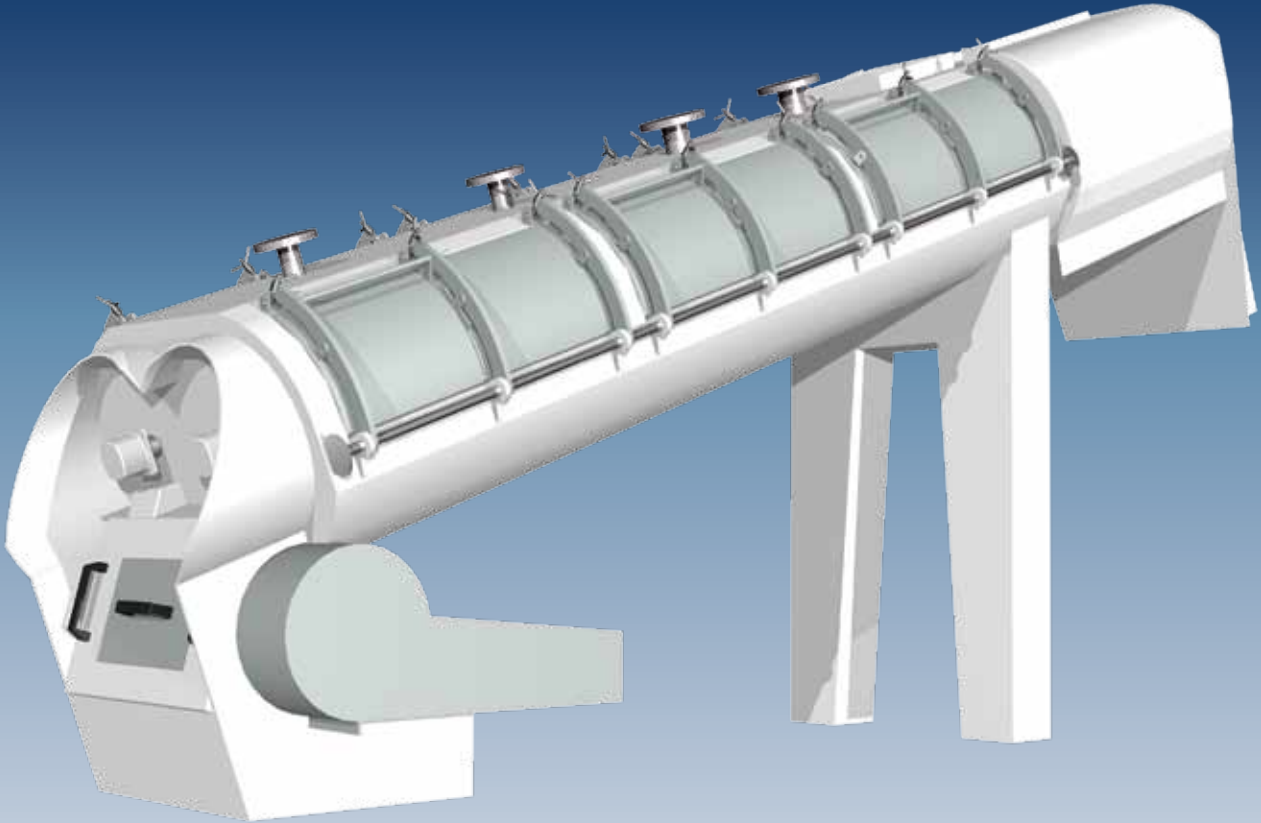


Super Conditioners CPIS/CPID



When installed upstream a pellet mill, the super conditioner increases its capacity, and dramatically improve its P.D.I. (Pellets Durability Index).

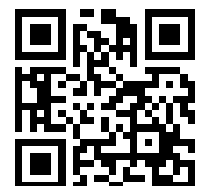
That heat treatment provides the same benefits as the long residence time horizontal conditioner.

The super conditioner has a slope angle improving again the filling up and the residence time.

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Super Conditioner CPIS/CPID

Principle

Operating principle

The meal is inserted into the body via a clogging screw ensuring at every time a complete filling of the conditioner.

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

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

The transverse and horizontal shearing undergone by the product increases water addition possibilities 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 leak-off steam leak.



Steam unit on CPID 700



Super conditioner with steam injection



Super conditioner in pellet mill preparation



Rotors detail on CPID 700



Super conditioner upstream a pellet mill

Range	Number of rotors	Length	Width	Height	Capacity	Power	Speed (50 Hz)
		mm	mm	mm			L
CPIS 520	1	4491	1095	2028	450	22	73
CPIS 680	1	4500	1100	2950	1000	30	52
CPID 520	2	4600	1170	2380	1160	2x15	50
CPID 700	2	5700	1450	2722	2200	2x30	47

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