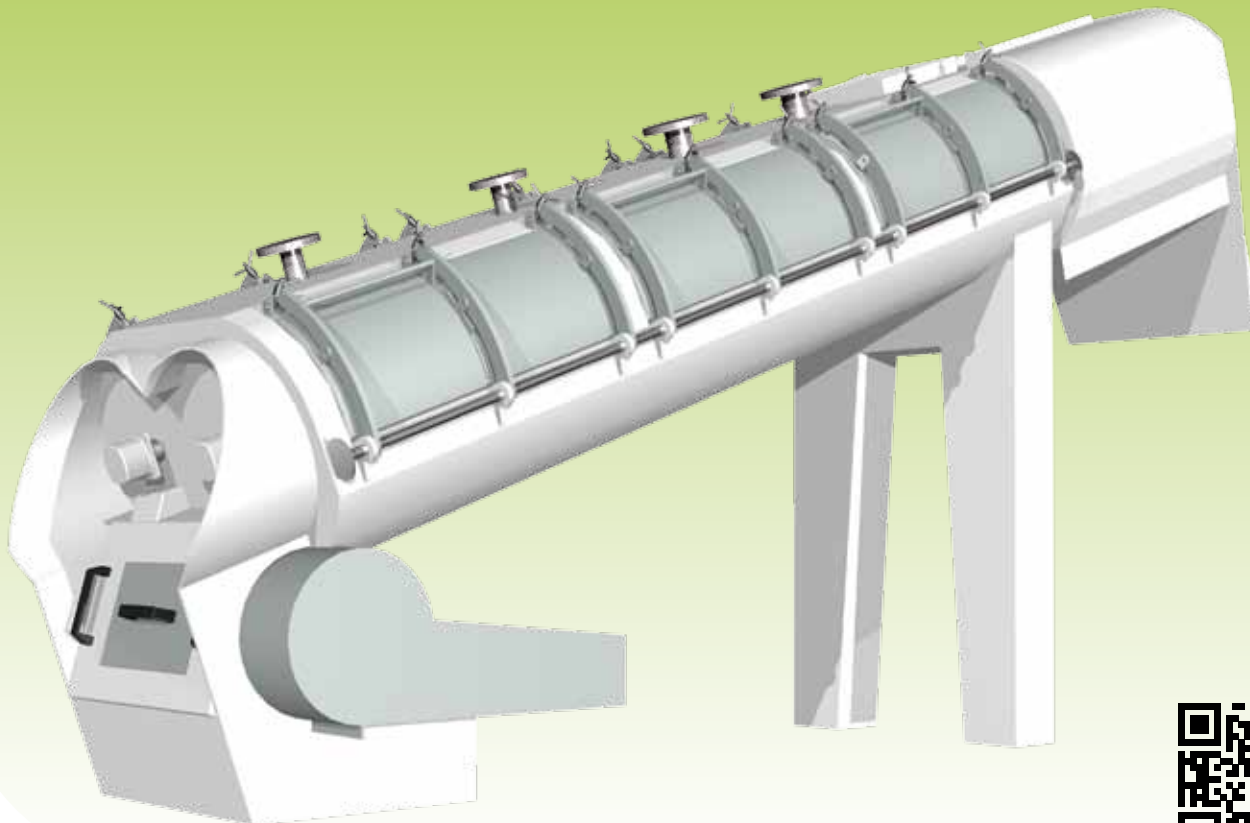


Super Conditioners CPIS/CPID



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 residence time horizontal conditioner.

The super conditioner has an angle of inclination to further increase the filling and the residence time.



Super Conditioner CPIS/CPID

Principle

Operating principle

The meal is inserted 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 guarantes a perfect mixing of starch and gluten molecules.

The transverse and horizontal shearing suffered by the product 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 leak-off steam leakage.



Steam unit on CPID 700



Super conditioner with steam injection



Super conditioner under on pellet mill preparation



Rotors detail on CPID 700



Super conditioner on 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