



FEED AND BIOFUEL

CONDITIONER

TYPE CM



Correct conditioning of a feed compound for pelleting is necessary in order to obtain a good pellet quality and effective utilization of the pelle-

ting installation. Conditioning results in the desired activation of natural binders in the ingredients by using heat, moisture, and time.

ANDRITZ

ENGINEERED SUCCESS

ANDRITZ CONDITIONERS PROVIDE

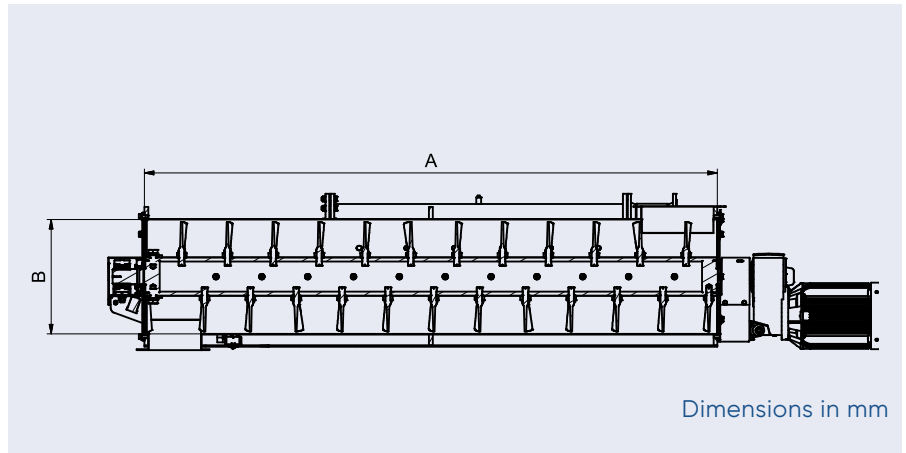
- Excellent mixing and optimum retention time
- Uniform feeding to the pellet mill or extruder
- Clean-design stainless steel construction
- Easy inspection and cleaning
- Wide paddles – individually adjustable
- Large-diameter shaft for maximum filling and mixing efficiency
- Unique, multiple-orifice steam injection manifold
- Controlled steam and liquid addition
- Efficient absorption of steam and liquid additives provides optimum conditioning

DESIGN

The large-volume conditioner has a large-diameter shaft with individually adjustable stainless steel paddles ensuring maximum filling and mixing efficiency.

The shaft is mounted in pedestal bearings containing grease seals to ensure long lifetime. The stainless steel trough features easily accessible cleaning and service hatches.

The conditioner can be supplied for two different applications: pelletizing and extrusion. The conditioner for pelletizing has an integrated steam manifold distributing the steam evenly to the product and



two separate injections for adding molasses. For extrusion, the steam manifold includes adjustable steam valves to manually adjust the steam. The liquid are added using the same nozzles as the steam pipe. The conditioner can be supplied fully mounted with gear motor.

CONTROLLED STEAM AND LIQUID ADDITION

The unique, multiple-orifice steam injection manifold distributes steam to the raw material depending on

the absorption capacity of the compound. When used in feed applications, molasses, fat, and so on are added through injection nozzles, ensuring optimum absorption of steam and liquid additives, thus giving maximum temperature and homogeneity in the conditioned compound.

The ability of the conditioner to mix raw materials and liquids effectively makes it suitable for a wide range of mixing processes in pelletizing and extrusion plants.

TECHNICAL DATA

CM range conditioner

Conditioner Type	A mm	B mm	Volume		Steam inlet		Max power 50 Hz		Weight kg
			Liters	cu. ft.	Pelletizing	Extrusions	kW	HP	
CM701	2500	500	420	14.9	7 x 1"	-	11	15	1250
CM750L	3000	600	750	26.4	6 x 1"	9 x 1"	15	20	1600
CM1000L	4000	600	1000	35.3	6 x 1"	9 x 1"	18.5	25	1950
CM1500L	3750	750	1500	-	6 x 2"	-	22	30	2300
CM2000L	5000	750	1960	69.2	6 x 2"	8 x 2"	30	40	2900

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