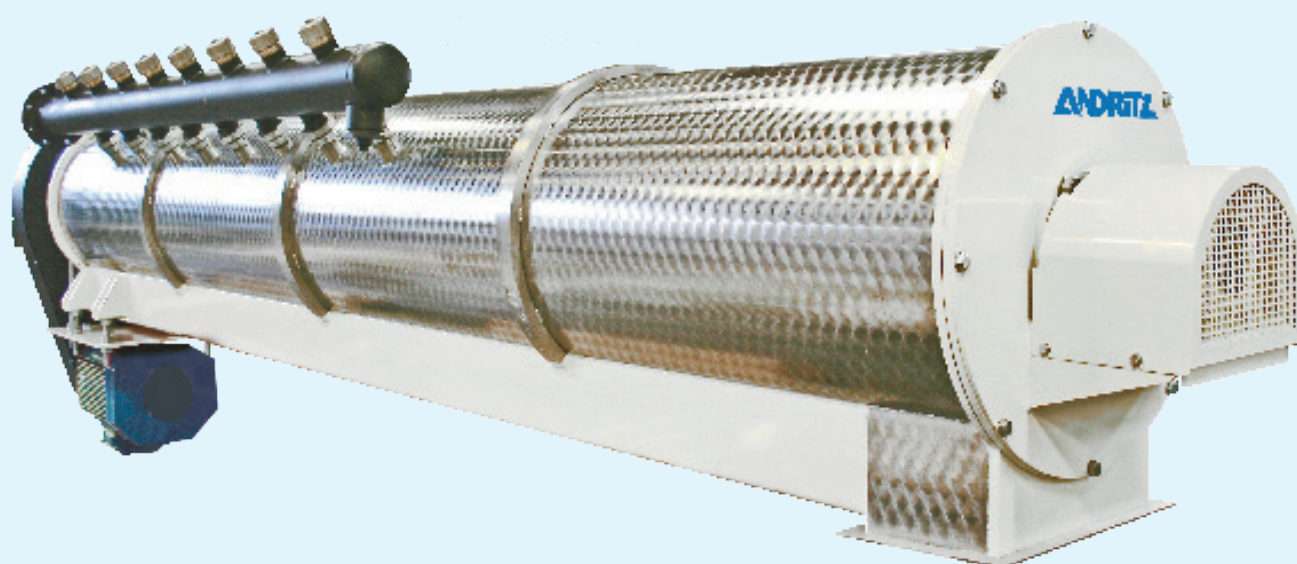


Conditioner

Type CM



Correct conditioning of a feed compound or biomass for pelleting is necessary in order to obtain a good pellet quality and an effective utilization of the pelleting installation. Conditioning results in the desired activation of natural binders in the ingredients by using heat, moisture, and time.

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

Conditioner

Type CM

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 ensuring long life-time. The stainless steel trough features easily accessible cleaning and service hatches.

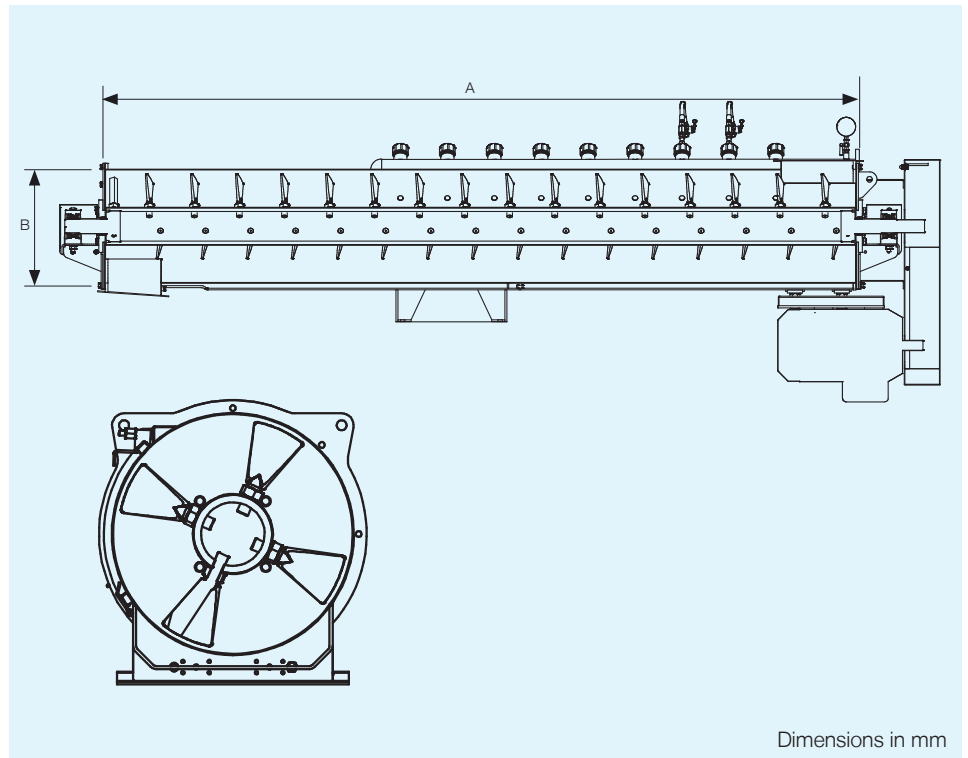
The conditioner has an integrated steam manifold, including adjustable valves over the whole length of the trough.

The conditioner can be supplied fully mounted with motor, V-belt drive, and safety guard.

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 pelleting and extrusion plants.



Technical data – CM range conditioner

Conditioner Type	A mm	B mm	Volume		Steam inlet No./dim	Max power 50 Hz		Weight kg
			Liters	cu. ft.		kW	HP	
CM701	2500	500	420	14.9	7 x 1"	11	15	1250
CM901/CM30	3000	600	750	26.4	9 x 1"	15/11	20/15	1600
CM901K	4000	600	1000	35.3	5 or 9 x 1"	18,5	25	1950
CM1101	3500	750	1370	48.4	8 x 2"	22	30	2200
CM1101K	5000	750	1960	69.2	8 x 2"	30	40	2900

ANDRITZ Feed & Biofuel A/S

Glentevej 5–7
6705 Esbjerg, Denmark
Phone: +45 72 160 300
andritz-fb.dk@andritz.com
www.andritz.com