



CMC TEXPAN

Machinery and Technology

ROLLER SEPARATORS

**The excellent screening solution for chips,
sawdust and wet particles**





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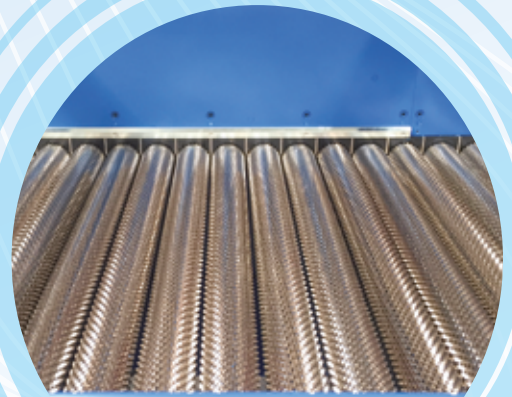
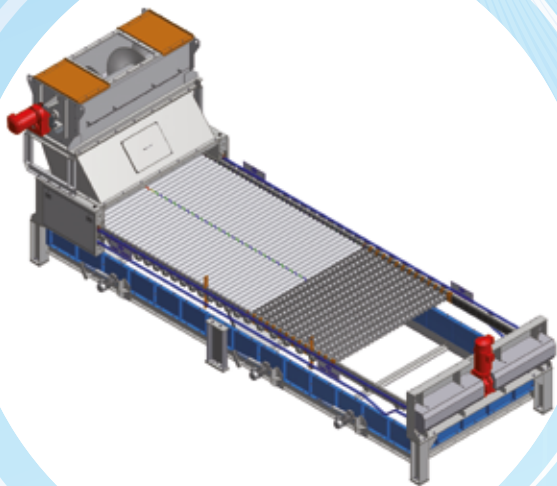
CMC TEXPAN's roller separators are very suitable to process fresh and recycled wood; they offer high performances when processing wet or semi-wet wood materials.

Their principle of operation is based on the rotation of a group of rollers provided with patterned profiles or discs, suitably spaced, whereby such spacing defines the particle size which will be selected. The material undergoes a slight jerking movement and particles separate from each other, whereas particles with size smaller than the gap between the rollers will be selected and pass through the rollers.

The size of the desired fractions can be simply adjusted by changing the gaps between the rollers and/or by using rollers with different patterns.

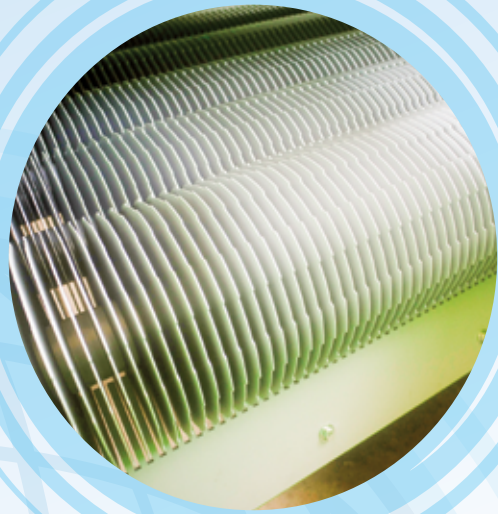
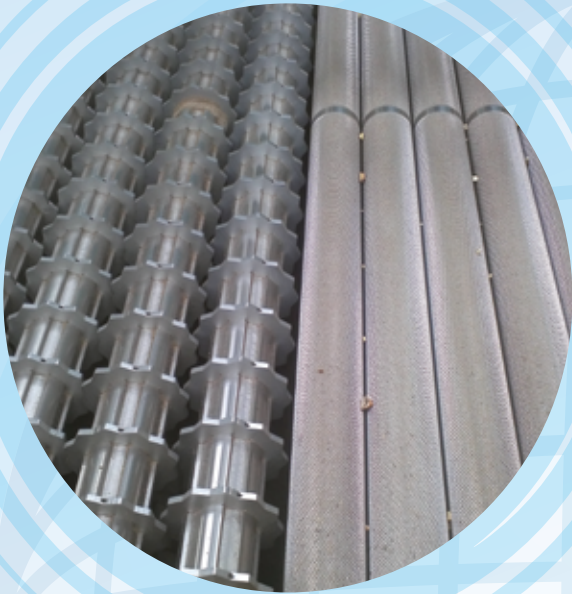
Roller separators are available in following versions:

- "SRD" type - for pre-crushed material;
- "SRU" type - for all typical applications and numbers of fractions;
- "SRO" type - for wet or dry OSB strands.



Advantages:

- linear and constant separation efficiency;
- easy adjustment of required fractions;
- maintenance friendliness.



ROLLER SEPARATORS - STANDARD RANGE

TYPE	Application	Capacity [1] up to m ³ /h	No. of rollers	No. of fractions up to	Machine size		Install. power kW
					Width (mm)	Length (mm)	
SRD 10 x 1500	recycled wood	150	10	2	1.500	3.000	5,5
SRD 16 x 1500		300	16	2		4.000	7,5
SRD 20 x 1500		400	20	2		5.000	7,5
SRD 26 x 1500		550	26	2		6.000	2 x 7,5
SRD 30 x 1500		650	30	2		7.000	2 x 7,5
SRU ... + ... x ...	All wood material	wide range, according to process	according to process	5	standard width: 1.000 mm 1.500 mm 2.200 mm	standard length: from 2.500 up to 10.000 mm	according to number of rollers
SRO ... + ... x ...	OSB strands	wide range, according to process	according to process	4	2.700	modular systems (2.000 mm module)	according to number of rollers

[1] based on typical standard bulk densities and gaps between rollers

Above data are non-binding and they are provided for information purposes only.



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