



SCREW COMPACTOR FOR CARDBOARD SLEEVES



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STATIONARY COMPACTORS

Stationary Compactors - so-called Screw Compactors - are deployed where sizeable quantities of residual materials and recyclable raw materials need to be highly compacted prior to transport. Especially for crushing cardboard sleeves, L&M engineers have optimized the latest Screw Compactor and equipped it with a modified screw conveyor compaction system. For disintegrating the cardboard sleeves beforehand, a pre-crusher has been additionally fitted upstream of the main screw. The optimized Screw Compactor diminishes up to 20 cardboard sleeves of a 20 mm thickness and a diameter of up to 400 mm. All in all, the L&M screw compactor has a theoretical throughput of 60-121 m³/hour.

Special features and benefits of the product:

- Highly wear-resisting steel teeth, CDC-coated, bolt-type and interchangeable
- Control system for manually setting individual control and the reversing/rotating speed of the drive shafts
- IE 3 energy efficiency class motors
- Siemens control system
- Revised geometry of the screw conveyor
- Modified crusher properties
- Extra hard facing in combination with the direct drive provide the screw conveyor with a 90% power transmission



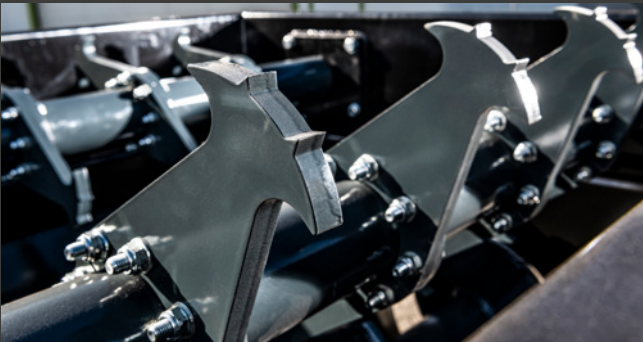
Touch display operation:

The touch display undertakes customized settings such as feed type, weights and material variations. Several programs are available for saving these settings.

REMOTE MAINTENANCE FOR MAXIMUM FLEXIBILITY

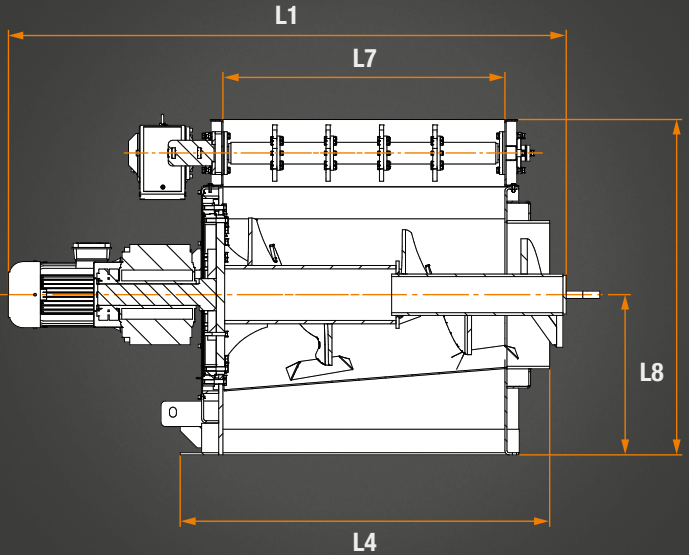
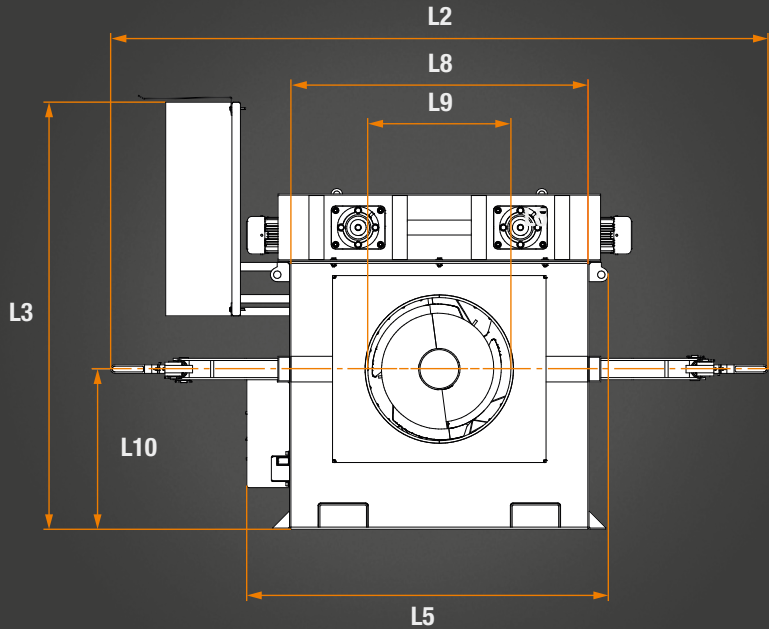
Along with diagnosis and possible fault rectification, trained L&M staff also provide remote maintenance. In this way, maintenance and site-specific adjustments can be flexibly undertaken.

The plant is also optionally available with a fully automatic container change-over mode.



TECHNICAL DATA

SCREW COMPACTOR



TECHNICAL DATA

Plant	Length (L1)	mm	2,620	Discharge opening	Diameter	(L9)	mm	700
	Width (L2)*1	mm	3,080		Height	(L10)	mm	750
	Height (L3)	mm	2,000	Screw	ø (from to)		mm	500-750
Housing	Length (L4)	mm	1,720		Screw Speed		min	16
	Width (L5)	mm	1,690		Torque		Nm	8,400
	Height (L6)	mm	1,570	Volume per hour			m³	90
Filling opening	Length (L7)	mm	1,320	Drive power			kW	15
	Width (L8)	mm	1,390					
	Height (L6)	mm	1,570					

NOTES

- All data without guarantee
- Subject to alterations
- All particulars refer to the standard products
- Other designs and sizes on request
- Our plants are equipped with a standard permanent connection

*1 This dimension becomes larger depending on the installed coupling





CONTACT



WE ARE AT YOUR SERVICE. GET IN TOUCH WITH US.

YOUR CONTACT TO L&M.



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