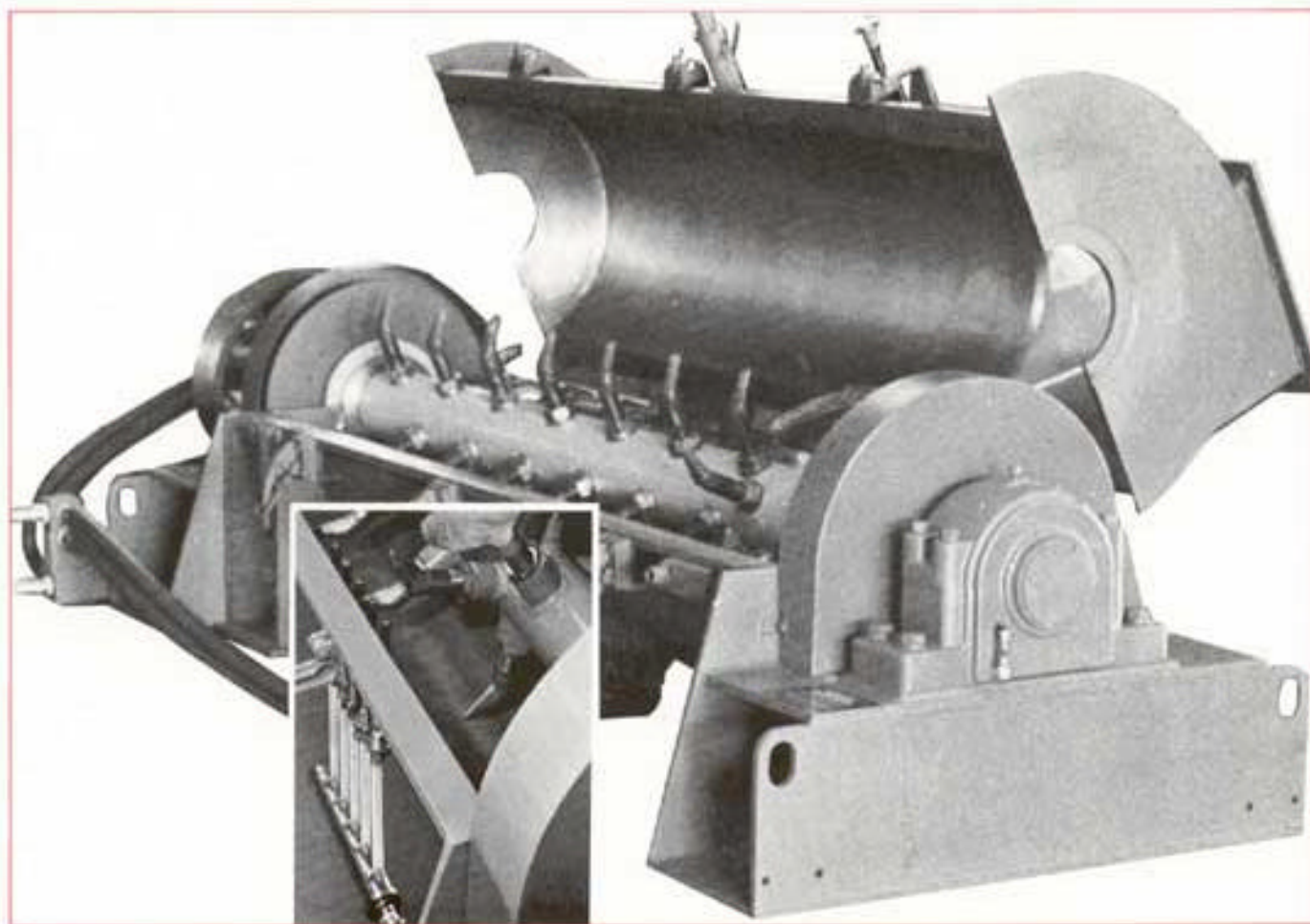


Littleford EK-AB Series Particleboard Chip Gluing Machines



Description: Littleford EK-AB Series tangential chip-gluing particleboard blender incorporates the latest "state-of-the-art" technology to provide the forest products industry with several outstanding economic and quality refinements in chip gluing. The adaptation of tangential gluing simplifies material processing, improves chip-to-chip contact uniformity and facilitates the easy changeover in types of glue used. Glue formula can be changed, e.g. from urea to phenol resin and also special glues or additives can be introduced without problem.

These chip gluing blenders are manufactured in six models to meet most production requirements. Throughput capacity ranges from 550 lb/hr to 55,000 lb/hr (based on bulk density of 6.25 lb/ft³ — absolutely dry).

Features: The most significant feature in the design and operation of the EK-AB blender is that it uses the tangential gluing system. This simplified gluing system has been used in Europe for several years with great success.

A "see-thru" glue reservoir, connected to the fixed inlet tubes at the bottom of the blender, promotes easy monitoring of resin flow. Additional "see-thru" ports, located on inlet and discharge chutes, permit observation of the flow of furnish as the blender is charged and discharged.

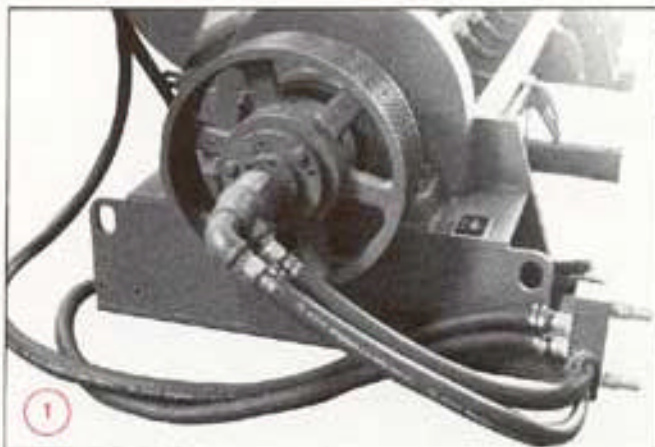
Other outstanding features of the EK-AB blender include a water-cooled blender shell, shaft and mixing tools. Condensation formed by the water cooling acts as a lubricant that minimizes glue adhesion.

The ruggedly constructed, horn-shaped mixing tools are constructed of abrasion-resistant material and run the length of the blender to provide efficient blending action of glue and other material of the mix. The tools do not break the chip material. The blender requires minimal downtime for cleaning. Glue does not drip when the machine is switched off. A full-length, easy open lid permits quick access to the inside of the blender for ease of cleaning and maintenance. The hinged top half of the blender is counterbalanced and equipped with quick opening latches.

All metal product contact surfaces are constructed of corrosion-resistant stainless steel.

In addition, the EK-AB blender operation does not require air exhaust equipment or dust collectors. The unit is free of vibration.

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1

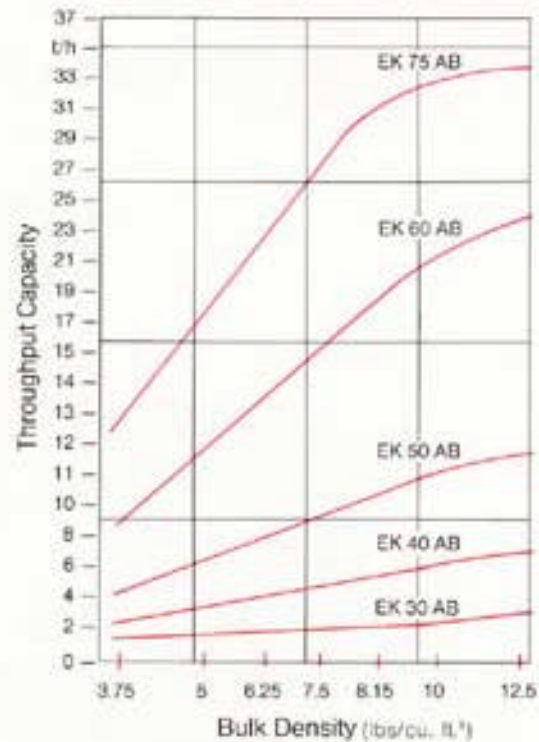


2

Optional Equipment

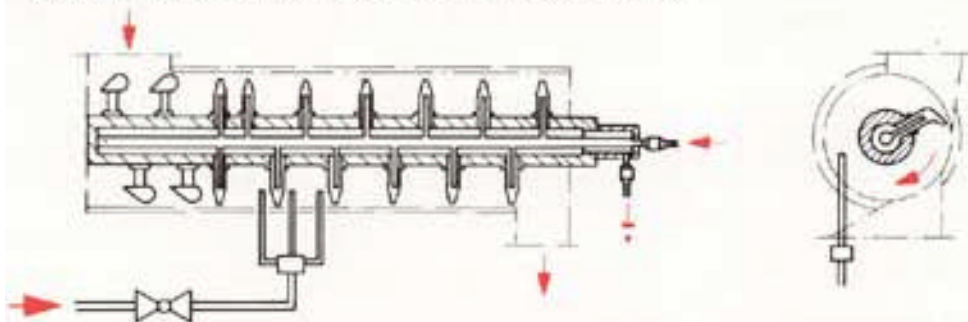
1. Chill Water Manifold
2. Charging Chute Extension

Throughput at Various Bulk Densities



Model	Throughput Capacities*		Length	Width	Height	Weight
	Minimum	Maximum				
EK 30 AB	550 lb/hr	4,400 lb/hr	84"	49"	22"	2600
EK 40 AB	1,100 lb/hr	8,800 lb/hr	103"	57"	28"	3500
EK 50 AB	3,300 lb/hr	17,600 lb/hr	115"	61"	28"	4800
EK 60 AB	5,610 lb/hr	29,000 lb/hr	135"	71"	36"	5900
EK 75 AB	11,000 lb/hr	50,000 lb/hr	162"	91"	44"	7000

*Capacity/hour at a bulk density of 6.25 lb/ft³ (absolutely dry)



Littleford Day

Where Processing Ideas Become Reality

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Dimensions, weights, production capacities and other specifics cited in this literature are illustrative only and may be subject to many variables. The only warranty applicable is our standard written warranty. We make no other warranty, expressed or implied.