

"Service You Can Build On."



The Building Center Inc 10201 Industrial Drive Pineville N.C 28134

Subject; HOLTEC Precision crosscut system.

The residential and commercial market's have changed over the last 20 years from standard lumber sizes to what is know today as precision end cut products. Builders use to purchase 2x4x93 studs and if the customer required a 9' or 10' walls they would buy longer size and cut on site. Today's market operates on high end production goals from start to finish on a new house to an average of 45days. This requires the suppliers to update their operations to meet this current demand or loose customers and market share. Todays market requires 92 5/8, 117 5/8, 129 5/8 and 139 8/5 studs

The HOLTEC SAW was designed to meet this market demand , the saw will press the unit square then with one pass cuts a full unit of lumber to the precise measurement required in 60 seconds. The saw is equipped with a 8' chain saw type blade incased in a covered housing powered by a 5 horse power electric motor . This provides for fasts precision cuts at a low noise volume .The waste is wood chips(not the fine saw dust that we see with a standard saw) that drop into a conveyer under the saw and are transferred into a 2 yard dumpster . The saw area is cleaned after each day of operation and the waste sent to be recycled.

This saw would operate on an average days per week

HOLTEC

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Sound Level Readings for the Holtec Saw located at 10201 Industrial Drive, Pineville, NC 28134.

The Sound level was recorded using a handheld meter and facing the machine. Levels were recorded at distances of 5, 25, 50, 100, and 200 feet. Samples were taken with the saw off (ambient noise), and with the saw running. The table below shows the average noise level reading recorded over a 20 second interval at the specified distance, and the peak recorded noise level reading over that same interval.

Distance	Saw Off		Saw Running	
	20s Average	Max	20s Average	Max
5'	65 dB(A)	71.5 dB(A)	84 dB(A)	86 dB(A)
25'	64 dB(A)	70 dB(A)	77 dB(A)	78 dB(A)
50'	66 dB(A)	74.1 dB(A)	70 dB(A)	70.6 dB(A)
100'	65 dB(A)	68.7 dB(A)	68 dB(A)	69 dB(A)
200'	66 dB(A)	71.8 dB(A)	66 dB(A)	74 dB(A)

West property line

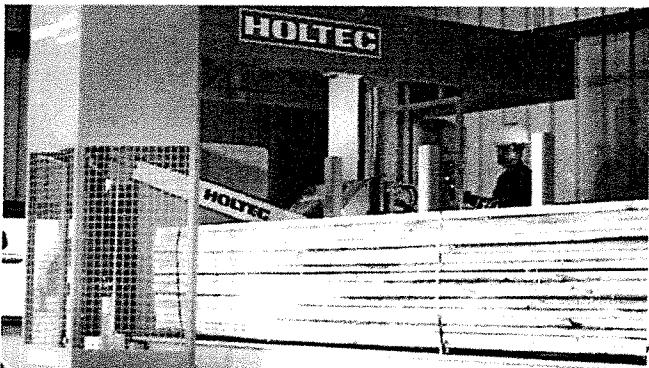
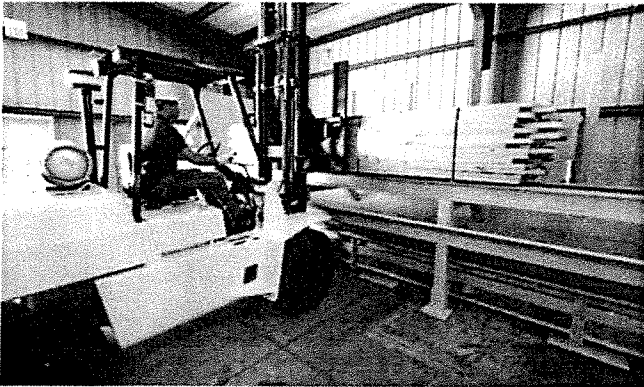
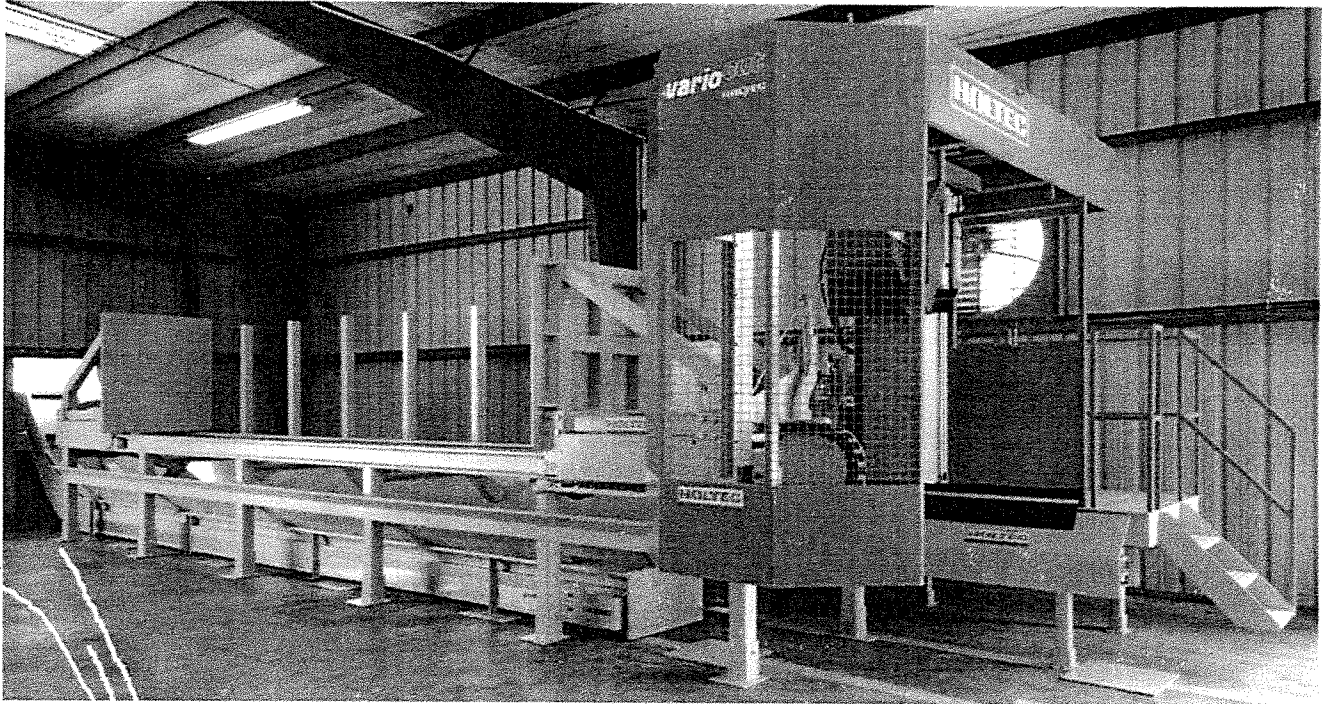
310'	57.2 dB(A)	57.2 dB(A)	57.5 dB(A)	57.2 dB(A)
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North property line

420'	46.5Db(A)	46.5dB(A)	46.5 dB(A)	46.5dB(A)
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HOLTEC®

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