

8. Sanding-CTS Line

Item	Qty	Description	Make	Equip #
250	1	Hydraulic Lift Table	Siempelkamp	5401
		6000 mm long x 3200 mm wide, 3100 mm stroke		
		carry capacity of 48,200 kg,		
		hydraulic unit with foot protection switch bar		
251	1	Board Feeding Station	Siempelkamp	5402
		longitudinal feeding of stacked board into line		
		with guide beam for integrated timer belt		
		pneu travelling carriage with lower pushers		
		(2) pressure rollers, each with frictional wheels		
		board separating device with motorized lifting spindle		
252	1	Board Roller Transfer Conveyor	Siempelkamp	5403
		13,000 mm long x 3500 mm wide		
		longitudinal aligning fence with liftable		
		belt tensioning device with tiltable stop guard		
		total installed power of 4 kW		
253	1	Board Suction Carriage	Siempelkamp	5404
		utilized for coverboard pick-up and piling		
		hoisting assembly on a travelling carriage with drive		
		lifting frame with guides-suction frame with cups		
		vacuum generator & drive for board suction		
		carriage runway on vertical supports with bracings		
		alignment guard with pneu. liftable		
		total installed power of 18 kW		
254	1	Board Sanding System	Steinemann	5405
		8-head design for coarse grain and finish sanding of both board sides		
		total installed power of 1150 kW, consisting of		
		coarse calibrator sander with 4-drum sanding heads		
		finishing sander with 4 drum sanding heads (top/bottom)		
		smoothing plates, tensioning-deflection rollers, disc brakes		
		variable speed heads included (4) 75 kW and (2) 22 kW motors		
		twin cleaning air jets & high pressure fan		
		central lubrication & belt loading trolley		
		complete with structural support, work decks and stairs		
255	1	Roller Transfer Conveyor	Siempelkamp	5406
		7600 mm long x 3500 mm wide		
		longitudinal aligning fence with liftable		
		belt tensioning device with tiltable stop guard		
		total installed power of 3 kW		
256	1	Manual Grading Station	Siempelkamp	5407.1
		utilizes mirrors for visual inspection of boards		
		approx length of 3500 mm x 3700 mm wide		
		2.2 kW motorized conveyor rollers		
		mirror segment with non driven rollers		
		belt tensioning device		
257	1	Automatic Grading Station	Siempelkamp	5407.2
		fully auto optical inspection system for surface grading		
		2 sided inspection of tops and bottoms of boards		

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		fully enclosed structure with 2D-3D light sources and digital line scan cameras		
258	2	Roller Transfer Conveyors	Siempelkamp	5408, 5409
		10,600 mm long x 3400 mm wide		
		longitudinal aligning fence with liftable		
		belt tensioning devices with inching roller drives		
		total installed power of 4 kW per conveyor		
259	1	Board Stack Forming Station	Siempelkamp	5410.1
		designed for forming board "books" prior to stacking with		5410.1
		hydraulic lifting table with 22 kW power		5410.2, 5410.4
		(2) 3 kW powered stack chain conveyors with detection pinions, side bars & tensioning devices		5410.X
		(1) angular transfer station with 3 kW drive		
260	1	Board "Book" Forming Table	Siempelkamp	5412
		designed for centering "book" of boards		
		5900 mm long x 3400 mm wide		
		200/16 mm max-min book height		
		with wood laminated top plate		
		pneu centering device with remote control		
261	1	Board Transfer Pusher	Siempelkamp	5413
		from forming table with roller rail table		
		6200 mm guide length with prismatic guide system		