

9. CTS Cut to Length 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		
262	1	Automatic Cross Cut & Infeed Length Saw Installation	Siempelkamp	5420
		designed for programmable cross cutting of boards		
		50.2 kW installed power		
		adjustable carriage cutting speed of 5-80 meter per min		
		pressure beam with compensating shaft		
		transfer pusher table		
		pneumatically operating flap		
		positioning and saw blade locking devices		
		electro-pneumatic dust exhaust flaps		
		clamping feeder with (7) clamps, linear guide and compensator,		
		with angle station, transfer & cross aligning segment and transfer pushing table		
263		Infeed Length Saw Assembly		5641
264		Waste Recovery & Chipping Systems		
		consisting of (2) chippers, shaker type waste transfer station, Vibroplan TRC-500/6000 collection bin, and associated waste chute to mobile conveyor		
265		Mobile Incline Waste Loadout Conveyor		5687
		Troughing idler type with wheeled axle		
266	1	Hydraulic Lifting Table	Siempelkamp	5425
		facilitating de-stacking of boards		
		table size of 3300 mm long x 2800 mm wide		
		1900 net stroke travel		
		10800 kg gross carry capacity		
		4 kW hydraulic power unit	Siempelkamp	
		foot protected switch gear		
267		Hydraulic Power Skid		

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268		Stack Roller Conveyors	Siempelkamp	
		transfer of coverboards to stacking area		
		approx 7000 mm long x 3800 mm wide		
		with .6 & 2.2 kW drive sets, and		
		stack turn-table (#5429)		
269	1	Bottom Coverboard Feeder	Siempelkamp	
		chain conveying / feeding design		
		3100 mm long x 3100 mm wide		
		with chain guides and support bars		
		tensioning and book retaining devices		
		6 kW installed power		
270		Board Transfer Packing Roller Conveyor		
271	1	Transfer & Cross Aligning Diverter Segment	Siempelkamp	
		transferring of finished cut board		
		total installed power of 2.2 kW		
		1600 mm travelling distance		
		aligning flaps, pneum. Lifiable and lowerable		
		separate guides with support structure		
272	1	Wide Board Roller Style Board Transfer Table		
273		Wide Board Strapping System		5830
274		Narrow Board Strapping System		5730
275	1	Sander Extraction System	Ventapp/LHS	5910
		extraction associated with sanders & transport		
		air volume of approx 2000 kg/h eff.		
		gravimetric throughput of 132,000 kg/h eff.,		
		fan pressure drop of 6000 PA		
		System complete with		
		362 kW/4160v radial fan type E1120/140-63		
		bearing temp controller & start up flap		
		differential pressure switch for sanding belt catcher		
		variable speed supervision of rotating equipment		
276	1	HP Pnue Transport System	LHS	5917
		transfer of sanding dust to dedicated sanding dust silo		
		air volume of 2000 m3/h :		
		filter area of 24 m2		
		installed power of approx 39.2 kW		
		system complete with		
		Roots GML-30 37 kW positive blower with silencer		
		intake filter with clogging detection		
		LHS type ZUF-030-EX rotary valve with 2.2 kW		
		(ATEX-protective system)		
		speed supervision of all rotating equipment		
		compensator for piping connection		
277	1	Combined Cut to Size & Packing Lines MCC		
		includes 5600PLC01 cut to size transport PLC panels, 5600MC01 cut to size transport panel, 5600MC02 cut to size saw panels, 5700PLC01 packing line PLC, 5700MC01 packing line #1 panel, 5800MC01 packing line #2 panel (located in Electrical Rm SR-04)		

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278	1	Combined Sanding Machine & Cut to Size MCC		
		includes 5442MC01L sanding machine 1L panels, 5442MC01R sanding machine 1R panels, 5442MC02 sanding machine #2 panels, 5400MC01 sanding line cut to size panels, 5400PLC01 sanding line cut to size PLC panels, 5224MC01 board breaker panel (located in Electrical Rm SR-04)		
279	1	4 Section Centerline Drive Panel	Allen Bradley	
		(located in Electrical Rm SR-04)		
280	1	Power Transfer Switch	Asco	
		7000 Series (located in Electrical Rm SR-04)		
281	4	Dead-Front Swtch Board Panels	Siemens	
		(located in Electrical Rm SR-04)		
282	2	Multi Section UPS Panels	GE	
		(located in Electrical Rm SR-04)		
283		Sanding Line Cut to Size MCC Panel		
		5900MC01 (located in Electrical Rm SR-02 next to refiner bldg)		