

Item	Qty	Description	Make	Equip #
101	1	Overhead Bridge Crane	Siempelkamp	1001
		16000 kg load capacity		
		16 meter span		
		5990 mm free height under crane (max.elevated position)		
		11000 mm building height:(under thrusses)		
		double girder design with		
		straw bales grapple		
		moisture measurement device		
		festoon cable drag system		
		radio and stationary controls		
102	1	Shuttle Carriage with (2) Straw Receiving Conveyors	Siempelkamp	1110, 1120, 1150
		15 meter shuttle carriage with (2) 9.5 kW motors		
		moving parts on wear resistant parts		
		with (2) 15 meters long x 2.54 meters wide		
		5.5 kW installed power		
103	1	Shuttle Carriage with (2) Straw Receiving Conveyors	Siempelkamp	1130, 1140, 1151
		15 meter shuttle carriage with (2) 9.5 kW motors		
		moving parts on wear resistant parts		
		with (2) 15 meters long x 2.54 meters wide		
		5.5 kW installed power		
104	1	Straw Bale Destraining & Chopping Line #1	Nybladt	1211, 1212, 1213, 1214
		9 to 12 tons per hr of 50 kg/n3 bd, 10-20% moisture content consisting of		
		6 knife drum chopper with 1600 mm dia cutter, 158 kW main drive, and separate drives for associated parts		
		11 meter long x 1.3 meter wide destraining unit with rotating cutting knife & collection unit		
		(2) 14 meter long x 1.25 meter wide chain transfer conveyors		
105	1	Straw Bale Destraining & Chopping Line #2	Nybladt	1231, 1232, 1233, 1240
		9 to 12 tons per hr of 50 kg/n3 bd, 10-20% moisture content consisting of		
		6 knife drum chopper with 1600 mm dia cutter, 158 kW main drive, and separate drives for associated parts		
		11 meter long x 1.3 meter wide destraining unit with rotating cutting knife & collection unit		
		(2) 14 meter long x 1.25 meter wide chain transfer conveyors		
106	1	Straw Bale Destraining & Chopping Line #3	Nybladt	1251, 1252, 1253, 1260
		9 to 12 tons per hr of 50 kg/n3 bd, 10-20% moisture content consisting of		
		6 knife drum chopper with 1600 mm dia cutter, 158 kW main drive, and separate drives for associated parts		
		11 meter long x 1.3 meter wide destraining unit with rotating cutting knife & collection unit		
		(2) 14 meter long x 1.25 meter wide chain transfer conveyors		

107	1	Straw Bale Destraining & Chopping Line #4	Nybladt	1271, 1272, 1273, 1280
		9 to 12 tons per hr of 50 kg/n3 bd, 10-20% moisture content consisting of		
		6 knife drum chopper with 1600 mm dia cutter, 158 kW main drive, and separate drives for associated parts		
		11 meter long x 1.3 meter wide destraining unit with rotating cutting knife & collection unit		
		(2) 14 meter long x 1.25 meter wide chain transfer conveyors		
108	1	Waste Load out Troughing Chain Conveyor	Siempelkamp	
		designed for removal of stones and heavy materials. Located below chopper units as follows:		
		approx 48m long x 800 mm width		
		11 kW installed power		
		with chain guides, drives, return pulley station & chain tensioner		
109		Chopper blade sharpening station with associated knives		
110	1	Hammer Mill #1	Pallmann	1221
		designed for 12,000 eff kg/h max gravimetric throughput		
		270 m3/h volumetric throughput		
		30 mm max. particle size at output		
		with installed power of (2) 200 kW/480v motors		
		rotor with shaft and beater elements		
		material infeed chutes		
		structural steel work platform		
111	1	Hammer Mill #2	Pallmann	1241
		designed for 12,000 eff kg/h max gravimetric throughput		
		270 m3/h volumetric throughput		
		30 mm max. particle size at output		
		with installed power of (2) 200 kW/480v motors		
		rotor with shaft and beater elements		
		material infeed chutes		
		structural steel work platform		
112	1	Hammer Mill #3	Pallmann	1261
		designed for 12,000 eff kg/h max gravimetric throughput		
		270 m3/h volumetric throughput		
		30 mm max. particle size at output		
		with installed power of (2) 200 kW/480v motors		
		rotor with shaft and beater elements		
		material infeed chutes		
		structural steel work platform		
113	1	Hammer Mill #4	Pallmann	1281
		designed for 12,000 eff kg/h max gravimetric throughput		
		270 m3/h volumetric throughput		
		30 mm max. particle size at output		
		with installed power of (2) 200 kW/480v motors		
		rotor with shaft and beater elements		
		material infeed chutes		
		structural steel work platform		
114	Lot	Balance of Electrical Inside SR-01		

115	1	TR-12 Straw Prep Exterior Substation		
116	1	Daikin Room Air Conditioning System		