

### **1. Longitudinal cutting saw (6feet)**

Model: BC1218

Cut the rough board to fixed width(6feet)

Rotation speed of circular saw: ~7000r/min

Circular saw size:  $\Phi 300 \times \Phi 60 \times 2.5\text{mm}$

Circular saw motor power: 2\*7.5kW

Feeding speed: 0~70m/min (Stepless adjustment)

Scope of supply: Complete unit

### **2. Longitudinal feeding conveyer (6feet)**

Model: BZY3518-3

Convey rough board to cross cutting saw

Conveying width: 1830mm

Conveyor length: ~3m (exact length according to final drawing )

### **3. Combine cutting system (4\*6/8\*6/12\*6/14\*6feet)**

Model: BC1218-4

Cut the rough board to fixed length(possible board size after cutting: 4\*6/8\*6/12\*6/14\*6feet)

Scope of supply: Complete unit

### **4. Longitudinal feeding conveyer (6feet)**

Model: BZY3818-6

Convey rough board after cross cutting saw

Conveying width: 1830mm

Conveyor length: ~6m (exact length according to final drawing )

Scope of supply: Complete unit

### **5. Longitudinal feeding conveyer (6feet)**

Model: HZ.BH-18-4

Convey rough board after cross cutting saw

Conveying width: 1830mm

Conveyor length: ~4m (exact length according to final drawing )

Scope of supply: Complete unit

#### **6. Longitudinal feeding conveyor (6feet)**

Model: HZ.BH-18-3

Convey rough board after cross cutting saw

Conveying width: 1830mm

Conveyor length: ~3m (exact length according to final drawing )

Scope of supply: Complete unit

#### **7. Roller liftor (6\*8feet)**

Model: BSJ146×8

Work together with stacking machine to receive and stack boards by hydraulic lifting system

Scope of supply: Complete unit

#### **8. Roller liftor (6\*4feet)**

Model: BSJ144×6

Work together with stacking machine to receive and stack boards by hydraulic lifting system

Scope of supply: Complete unit

#### **9. Stacking system (4\*6/8\*6/12\*6/14\*6feet)**

Model: BDD116×14-2

Stack rough board

Scope of supply: Complete unit

#### **10. Forklift roller table**

Model: HZ.BH-20-6×8

Convey the board pile for forklift

Scope of supply: Complete unit

## **11. Forklift roller table**

Model: HZ.BH-20-4×6

Convey the board pile for forklift

Scope of supply: Complete unit

## **12. Electric control system**

Voltage: 3Phase-380V

Voltage fluctuation:  $\pm 10\%$

Control voltage: 24V DC

Operation: Press button plus touch screen

PLC: Siemens S7

### **Main components brand:**

PLC: Siemens

Frequency inverter/Breaker/Contactor/Relay: Schneider or equivalent

Proximity sensor/Photo electric sensor: Omron or equivalent

Limit sensor/position sensor: Schneider or equivalent

Power switch: CHNT or equivalent

Gearbox: GUOMAO/ or equivalent famous Chinese brand

Bearing: SKF or equivalent famous Chinese brand