

PRE-INSTALLATION CHECKLIST

Wide Belt Veneer Sander

SGJ1300R-RB (Giantway / Qingdao Giantway Machinery)

Please confirm all site, electrical, and utility requirements listed below before the arrival of the Caple service engineer. Incomplete preparation will delay installation and may attract additional service charges.

Machine Specifications

Parameter	Value
Model / Configuration	SGJ1300R-RB, Roller + Roller, service side right
Sanding Rollers	2 x Dia 320 mm rubber (Shore A 26 / Shore A 22)
Working Width / Thickness	40-1300 mm / 1-100 mm
Feeding Speed	0-19 m/min
Sanding Belt Size	1330 x 2620 mm
Total Power	33.43 kW (2 x 15 kW belt motors, 3 kW feed)
Supply Voltage	Pending OEM confirmation
Working Air Pressure	0.4-0.8 MPa, 1 CBM/min consumption
Working Table Height	850 mm
Overall Dimension	2090 x 2370 x 2220 mm
Weight	About 4300 kg

Dimension and weight are as stated in the OEM specification. Supply voltage will be confirmed by Caple before installation.

1 · Electrical Supply & Wiring

3-Phase Power Supply

- ☐ Dedicated 3-phase supply at the machine location, sized for the 33.43 kW total connected load. Voltage, frequency and phase to be confirmed by Caple against the OEM electrical data.

Cable & Protection Sizing

- ☐ Incoming cable, MCCB rating and earth leakage protection sized by the customer's licensed electrician once Caple confirms the final supply voltage.

Earthing & Bonding

- ☐ Dedicated earth connection available and tested. Machine body earthing point to be connected at installation.

Voltage Stability

- ☐ Incoming supply checked for fluctuation. A stabiliser or line protection arranged if the supply is unstable, as advised by your electrician.

Cable Routing

- ☐ Cable routed by conduit or tray to the electric plant at the front of the machine. No exposed wiring in the operator area.

2 · Compressed Air

Air Compressor Capacity

- ☐ Compressor able to maintain 0.4-0.8 MPa working pressure and deliver the machine's 1 CBM/min air consumption alongside other shop loads.

Air Treatment

- ☐ Moisture separator and filter installed on the supply line near the machine. The machine's air jet blowers need clean, dry air.

Air Line to Machine

- ☐ Dedicated air line with isolation valve run to the machine position before installation.

3 · Space & Civil Readiness

Floor Area Cleared

- ☐ Clear area for the 2090 x 2370 x 2220 mm machine plus infeed and outfeed panel handling space and service access on the right-hand side.

Floor Load Capacity

- ☐ Floor capable of bearing the machine weight of about 4300 kg. Civil engineer's confirmation available if required.

Floor Levelness

- ☐ Machine position levelled so the fixed feeding table and constant passline can be set accurately.

Door / Entry & Overhead Clearance

- ☐ Entry path and door clear for the machine; ceiling and overhead services clear of the 2220 mm machine height.

4 · Material Handling & Unloading

Forklift Available

- ☐ The OEM specifies lifting the machine frame by forklift. A forklift of adequate rated capacity for about 4300 kg available on the day of installation.

Clear Path to Position

- ☐ Clear, firm path from the unloading point to the installation position, free of obstructions and floor openings.

Rigging & Unpacking

- ☐ Personnel, wooden blocks and tools available for unpacking and safe positioning. Do not drag the machine on a bare floor.

5 · Machine & Process Pre-Checks

Dust Extraction

- ☐ Dust collection system and ducting ready to connect to the working unit dust hoods. Outlet size and airflow to be confirmed by Caple.

Sanding Belts

- ☐ Sanding belts of size 1330 x 2620 mm in the grits required for your veneer or lacquer process available for commissioning.

Conveyor Belt & Feeding Table

- ☐ Conveyor belt and fine-ground feeding table inspected on unpacking for transit damage.

Safety Systems

- ☐ Emergency stop, disk brakes and belt tension and limit switches to be tested by the Caple engineer before trial runs.

6 · Resource & Personnel Readiness

Installation Team

- ☐ One electrician and one machine operator available for the full installation and training period.

Trial Panels Ready

- ☐ Representative veneered or lacquered panels within 40-1300 mm width and 1-100 mm thickness available for trial runs.

Safety Equipment

- ☐ Dust masks, safety glasses, hearing protection and a fire extinguisher available in the machine area.

7 · Recommended Spares & Accessories

Sanding Belts (stock)

- ☐ Running stock of 1330 x 2620 mm sanding belts in each grit used in production.

Cleaning Brushes

- ☐ Spare top and bottom cleaning brushes for the cleaning unit and conveyor belt.

Air Filter Elements

- ☐ Spare filter elements for the compressed air treatment unit.

Important Notice

If the listed requirements are not met and installation is delayed, additional service charges will apply as per Caple's prevailing service terms. Lodging and boarding costs for the Caple service engineer during additional days must be borne by the customer.

CUSTOMER SIGNATURE & SEAL

DATE

AUTHORIZED BY

Service Head

Caple Industrial Solutions

Kindly sign, stamp, and return this checklist by email to sales@caple.in before the installation date.