

ILLUSIONS AUSTRALIA

SAFE WORK PROCEDURE

SWP 022 – EDGE BANDER

1. PURPOSE AND SCOPE

Minimum requirements for safe operation of edge-banding machinery at Illusions Australia.

Applies to feeding panels, adhesive/edge application, trimming and normal operator cleaning.

2. AUTHORISATION AND COMPETENCY

Only trained, competent and authorised workers may operate the edge bander.

Operators must understand feed rollers, cutters, hot adhesive, guards/interlocks and isolation.

3. REQUIRED PPE

The following PPE must be worn as appropriate:

- Eye protection.
- Hearing protection where required.
- Safety footwear.
- Heat-resistant gloves only for handling hot components/material where appropriate and away from moving feed/cutting mechanisms.
- Respiratory protection where required by adhesive/product controls.

4. PRE-START CHECKS

Before commencing work, confirm that:

- Guards, covers and interlocks are fitted and functional.
- Feed rollers, cutters and trimming units appear serviceable.
- Correct edge material and adhesive are loaded.
- Adhesive temperature/settings are correct.
- Extraction is connected and operating.
- Panels are suitable, stable and free from protruding fixings.
- Emergency stop is accessible.
- Feed/outfeed areas are clear.

5. SAFE OPERATING PROCEDURE

1. Complete machine setup with hazardous movement stopped.
2. Set material parameters and adhesive temperature.
3. Start extraction and allow adhesive system to reach operating condition.
4. Feed panel squarely and maintain hands clear of feed rollers/pinch points.
5. Do not pull or restrain a panel once engaged by the feed system.
6. Receive/support large panels at outfeed where required.

7. Monitor edge application and machine sound.
8. Stop machine before clearing misfeeds or accessing guarded areas.
9. Allow hot adhesive/components to cool before close handling where practicable.

6. PROHIBITED PRACTICES

Workers must not:

- Reach into feed rollers, cutters or trimming stations while operating.
- Defeat guards/interlocks.
- Pull a jammed panel from an energised machine.
- Touch hot glue pots/nozzles without appropriate controls.
- Feed panels containing nails/screws or unsuitable material.
- Wear loose clothing or gloves near moving feed mechanisms.
- Clean internally while energised.

7. HOT-MELT ADHESIVE

Hot adhesive and heated components can cause serious burns.

- Treat glue pot/nozzle areas as hot.
- Use suitable tools/PPE for approved handling.
- Follow SDS and manufacturer instructions.

8. PINCH, CUTTING AND FEED HAZARDS

Automatic feed and trimming mechanisms can draw in hands or clothing.

- Keep hands outside guarded feed zones.
- Use guards/interlocks.
- Isolate before clearing jams or internal cleaning.

9. FAULTS, DAMAGE AND ABNORMAL OPERATION

Stop for jammed panels, guard/interlock fault, unusual noise, adhesive leak, overheating, cutter damage or extraction failure.

Isolate before investigation.

10. SHUTDOWN AND HOUSEKEEPING

- Stop feed and cutters.
- Shut down adhesive heating in accordance with manufacturer requirements.
- Isolate before internal cleaning.
- Remove waste safely and clean surrounding area.
- Report defects.

11. EMERGENCY AND INCIDENT RESPONSE

1. Stop the equipment or activity immediately.
2. Isolate energy sources where safe to do so.

3. Provide or obtain first aid as required.
4. Notify the Foreman, Leading Hand or other authorised Illusions Australia representative.
5. Call emergency services where required.
6. Do not recommence until the incident, defect or unsafe condition has been addressed.

12. STOP WORK REQUIREMENT

Work must stop where:

- Guard/interlock is defective.
- Adhesive system leaks or overheats.
- Panel cannot be fed safely.
- Extraction is unavailable.
- Jam or fault requires access to hazardous parts.

No production requirement or deadline takes priority over safe work.

DOCUMENT CONTROL

Document	SWP 022 – Edge Bander
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