



Workshop Technical Specification

Last updated 07/01/26 by CHTJ

While the theatre will make every effort to maintain the workshop and all its tools in full working order, it is inevitable that sometimes equipment will be under repair from time to time. If a particular tool is critical to your build then you may wish to check with the Technical Manager at technical@adctheatre.com.

N.B. you must obey the workshop regulations posted on the wall of the workshop at all times. You must also be trained on any of the below tools that are marked with a star before you can use them – please speak to the Technical Manager in advanced to arrange a training session.

In addition to the main workshop facilities, there are separate electrical and mechanical workbenches in the Paint Dock area which are available for use by shows for custom projects. Any work here *must* be discussed with the Technical Manager before construction begins. Custom-made or externally-provided electrical equipment must have up-to-date inspection & test records (commonly referred to as a PAT test).

General

- Centralised workshop power system feeding all 230V & 110V socket outlets, permanently installed power tools, compressed air system and dust extraction system. Electricity can be isolated by use of any of the emergency stop pushbuttons located throughout the workshop and at the mechanical & electrical workbenches.
- Permanently installed 110V transformer and 110V CEEform socket outlets around the workshop and other backstage areas.
- Centralised dust extraction and air filtration activated automatically with fixed power tools or manually via an override switch.
- Permanently installed 100L automatic air compressor with air outlets fitted with adjustable pressure regulators located around the workshop, scene dock, paint dock and other backstage areas.

Fixed Tools

- Axminster 12-speed drill press/pillar drill *
- Safety Speed C series H4 vertical panel saw *
- Bosch GCM 12 GDL axial glide mitre saw bench *

Battery Power Tools

- 4x Makita DHP driver bodies (other drivers assigned to stage)
- Makita DKP180Z power planer *
- 2x Makita DJV180 jigsaws *
- 4x batteries (other batteries assigned to stage)
- 3x charger bases

Mains Power Tools

- Makita SP6000J/1 plunge cut saw with 2x 1.5m guide rails and bevel guide (110V) *
- Makita 5703R circular saw (230V) *
- Makita LS1040 portable mitre saw (110V) *
- Makita LC1230 metal chop saw (110V) *
- Bosch GST 150 BCE jigsaw (110V) *
- Makita RP2301FCXK/2 router (240V) *

- Makita 9557NB 150mm (4") angle grinder (110V) (requires hot works permit) *
- DeWalt DW492 230mm (9") angle grinder (110V) (requires hot works permit) *
- Makita 9911 belt sander (230V)
- Makita B04555 sheet sander (230V)
- Makita B05030 orbital sander (230V)
- Palm sander (230V)
- 110V and 230V mains drills

Air Tools

- Axminster AP1532NS combination air stapler/nailer *
- Axminster AW50N 50mm air nailer *

Other

- Various standard hand tools (planers, rasps, saws, mallets, vise grips, screwdrivers, hammers etc.)
- Hot glue guns
- Multiple shop vacuum cleaners
- 24L portable air compressor *
- Portable 110V site transformer
- 110V and 230V workshop extension cables
- Air hoses and air hose reel

A up-to-date list of screws, bits, blades, glue and other construction consumables available for purchase from the theatre's sundries store can be provided upon request.