

## Akira™ Laser Cutting WorkStation

### Product Description

This WorkStation presents an efficient way of utilising laser cutting technology anywhere. Simply unbox and connect the components to get started. The speedy setup feature makes installation of the workstation effortless.

The precision and 55W glass tube power offered by the laser delivers results. A generous 680 x 360mm working area, rapid engraving speed, and compatibility with numerous materials make this an excellent choice. Safety features like emergency stop, interlocked lid, real-time monitoring, and a fully enclosed chamber and air assist, make it ideal for educational settings.

The WorkStation is mobile and space saving with integrated storage. It can be easily moved between rooms and disciplines to teach laser cutting technology *anywhere*.

The Akira™ Laser Cutting WorkStation is a mobile set-up with storage and integrated power:

- Supplied with xTool P2 desktop laser cutter, and Creative Space software
- Supplied with on-board extraction, storage and desktop power outlet
- Consumables
- Laptop is not included

### Key features

- Leading laser cutting and engraving performance powered by a 55W glass tube laser.
- Dual HD cameras for precise workpiece placement and alignment.
- Highly capable laser cutting for various materials based on thickness, power, and speed.
- Accommodates curved surface engraving with precision and accuracy.
- Large bed size of 680 x 360mm for extensive cutting and engraving projects.
- Simple user interface compatible with Android, Apple, and Windows devices.
- Enhanced safety features including air assist, emergency stop, and interlocking lid.
- Separate tube and components from the operating chamber ensure easy cleaning and maintenance.
- Easily accessible and replaceable components for simplified maintenance tasks.

### Technical Specification

#### Akira™ WorkBench

Dimensions:	850 x 1500 x 750 mm (H x W x D)
Worktop height:	850 mm
Weight:	155kg
Castors:	2 x braked, 2 x non-braked; engineered in Germany
Storage Volume:	5 x trays, vertical sheet material rack
Storage Internals:	Lockable
Electrical installation:	13A type A plug with 2m cable, only connect to RCD protected circuit

#### xTool P2 Laser Cutter

Rated power:	55W (CO <sub>2</sub> glass laser tube)
Product size:	1000 x 639 x 268mm
Weight:	45kg
Max. Carving speed:	600mm/s
Processing precision:	0.01mm
Z-axis movement:	3"(75mm)
Working area:	600x305mm
Operating ambient temperature:	10-30°C (10-86°F)
Storage temperature:	10-45°C (50-113°F)
Bed size:	26.7"x14.1"(680*360mm)
Connectivity:	WiFi or USB
Power:	1.1kW 230V 50Hz

#### xTool Extraction System:

Noise::	< 52dB
Velocity::	variable up to 310m <sup>3</sup> /h
Structure:	3-part, HEPA, main filter, pre-filter

### Colours + SKU

**Panels / Worktop**  
Smoke Blue / Concrete Grey  
- AKWBM53C02CG

### Packaging + Shipping

#### The workbench:

- supplied on a 1600 x 870mm pallet with a cardboard over-sleeve.
- Using ramps supplied, the unit can be rolled off the pallet by one person.

#### The laser cutter and extraction

- packed separately on their own pallet.

#### Dimensions (Akira™ Laser Cutting WorkStation with equipment):

- 1120 x 1500 x 750 mm (H x W x D)
- Weight: 191 kg

Shipping costs vary dependent on location and size of order.

### Warranty

(subject to normal use)

Workbench Frame: 25 years  
Power Components: 2 years  
xTool Laser Cutter: 1 year  
xTool Consumable Parts: 6 months



This innovative WorkStation is a compact and highly mobile laser cutting solution with powerful capabilities. Its advanced features include autofocus functionality, enabling precision laser cutting on curved surfaces, along with a smart camera system for enhanced accuracy. Designed for ease of use, this WorkStation has a user-friendly interface, and its 'Plug n Play' nature simplifies setup and operation. Supplied with a starter pack of consumables to allow users to plug in and dive into the laser cutting projects, fast.

Create dynamic, multi-functional spaces anywhere, from Design and Technology workrooms, library spaces, to science labs.

The WorkBench itself, is a highly sustainable solution - the steel frame's considerable lifespan, coupled with the replaceable nature of modular components such as panels, worktops, storage and power units, results in a solution that will stand the test of time under heavy educational use.

The unit is compliant with British Standards for electrics.



### High quality build

All Akira™ WorkStations are built to last. Our frames carry a 25 year guarantee.



### Versatile educational workstation

This WorkStation offers cross-curricular investment opportunities, allowing sharing among various departments for diverse projects, making it a cost-effective choice. With mobility in mind, it's perfect for educational settings, enabling laser cutting lessons and projects to be conducted anywhere.

### One unit - one plug!

Preassembled by WF engineers, the unit is ready for use as soon as it is positioned in the work room, plugged in, and the laser cutter set up.

### Lockable storage

Keep all required materials organised in one place. Multiple classes or groups can share the same equipment and materials, optimising resource allocation.

### Advanced safety

With features such as air assist, emergency stop, interlocking lid, and a fully enclosed design, laser set-up ensures a secure environment for students and teachers.

### Extractor performance

The integrated extraction system ensures a safe workspace, providing convenience for both students and teachers as they engage in diverse laser cutting projects on the go.

### User-friendly platform

Intuitive software interface that enables seamless operation and ensures accessibility for all. Users can delve into a variety of projects with ease and efficiency.