

Textiles

Sewing, printing, cutting, beadwork, leatherwork

- [Singer Sewing Machine](#)
- [USCutter PrismCut P28](#)
- [Sears Roebuck Serger](#)
- [Sailrite Ultrafeed](#)
- [QX A1 Heat Press](#)

Singer Sewing Machine

Singer Sewing Machine

Sewing Machine

Tool image

This tool can be used by members and non-members who are well-versed in the operation of the tool. Trainings can always be requested at [#class-requests](#) on Slack

Model No	CG550C
Date Purchased	—
Status	Operational
Link To Manual	CG-500/550 instruction book
Link to product page	Singer CG-550 (ManualsLib)

Description

The Singer **CG550C** is a general-purpose sewing machine for everyday fabric projects. Yellow tool—experienced users may use without mandatory training. Use Sailrite or serger for heavy work.

Specifications

Access level	Yellow (open to experienced users)
Stitch types	Utility and decorative (see manual)
Needle system	15×1 (typical home machine)
Documentation	CG-500/CG-550 series manuals on ManualsLib

Additional Resources

- [CG-550 manual index](#)

USCutter PrismCut P28

USCutter PrismCut P28

Vinyl Cutter

Tool image

This tool is restricted to Makerspace Members, and requires a training before use. Request a training on Slack: #class-requests

Model No	P28
Date Purchased	—
Status	Operational
Link To Manual	PrismCut specs (USCutter)
Link to product page	USCutter P28

Description

The **USCutter PrismCut P28** cuts vinyl, HTV, and sign materials with Wi-Fi, a touchscreen, and a camera for print-and-cut registration. Design in **VinylMaster Cut** on the shop PC, then cut after training.

Specifications (P28)

Max media width	28 in
Max cut width	24.5 in
Max cut length	15 ft (per USCutter specs article)
Max speed	800 mm/s
Max downforce	800 g
Min character size	2 mm
Contour cutting	Yes (camera / ARMS)
Connectivity	Wi-Fi, USB, U-disk, P2P

Software	VinylMaster Cut (shop station)
OS	Windows 10/8/7, macOS (per USCutter)

Additional Resources

- [P28 product page](#)
- [PrismCut technical specifications](#)

Sears Roebuck Serger

Sears Roebuck Serger

Serger

Tool image

This tool is restricted to Makerspace Members, and requires a training before use. Request a training on Slack: [#class-requests](#)

Model No	385.16644690
Date Purchased	—
Status	Operational
Link To Manual	ManualsLib (search model)
Link to product page	— (legacy Sears / Kenmore serger)

Description

Overlock serger for finished seams and knit fabrics. Training covers multi-thread threading and tension. Vintage machine—report issues promptly.

Specifications

Manufacturer model	385.16644690
Threads	Typically 3–4 (verify on machine)
Access level	Red (training required)

Additional Resources

- Search **385.16644690** on [ManualsLib](#)

Sailrite Ultrafeed

Sailrite Ultrafeed

Industrial Sewing Machine

Tool image

This tool is restricted to Makerspace Members, and requires a training before use. Request a training on Slack: #class-requests

Model No	LSZ-1
Date Purchased	—
Status	Operational
Link To Manual	Ultrafeed LSZ hub
Link to product page	LSZ-1 package (110V)

Description

Walking-foot industrial machine for canvas, upholstery, webbing, and heavy fabric. Straight and zigzag (LSZ). Training required.

Specifications (LSZ-1)

Stitch types	Straight + zigzag (up to 5 mm wide)
Feed	Walking foot
Max stitch length	6 mm straight
Presser foot lift	3/8 in
Needle system	135×16 / 135×17
Needle range	#10–#22
Thread range	Tex 30–Tex 92
Speed	~1 stitch/sec up to 550 SPM (with balance wheel)
Power	110 VAC, 1/4 hp (package spec)

Weight	~55 lb (carrying weight)
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Additional Resources

- [Ultrafeed LSZ overview](#)

QX A1 Heat Press

QX A1 Heat Press

Heat Press

Tool image

This tool is restricted to Makerspace Members, and requires a training before use. Request a training on Slack: [#class-requests](#)

Model No	QX A1 (15×15 in)
Date Purchased	—
Status	Operational
Link To Manual	PDF (15×15 clamshell)
Link to product page	QX A1 reference

Description

Clamshell heat press for HTV, sublimation, and heat transfers. Set time, temperature, and pressure per material supplier charts. Do not leave unattended while heating.

Specifications

Platen size	15 × 15 in
Style	Clamshell
Power	~1500–1800 W (typical for this class)
Voltage	110–120 V
Control	Digital time and temperature

Typical settings (verify with your media)

HTV (common)	~305–320 °F, 10–15 s
Sublimation	~380–400 °F, per blank vendor

Additional Resources

- [FancierStudio 15×15 manual \(PDF\)](#)