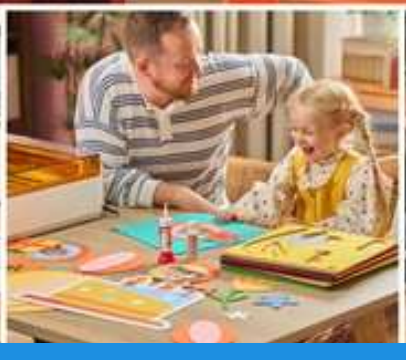










XTOOL

Laser, print & metalworking machines

Product catalog 2026

GeoTech
Georgian Technology

Diode · Fiber · MOPA · UV · CO2

Engrave · Cut · Print · Weld

Wood · Acrylic · Metal · Glass · Fabric

F2 · F1 Ultra · F2 Ultra · F2 Ultra UV · M2 · S1 · D1 Pro · P2S · P3 · O1 · Apparel Printer · WonderPress · MetalFab

Imported, trained and warranted — in Georgia.

Supplied by Geotech Group LLC

www.geotech.ge
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info@geotech.ge

GEOTECH

Why buy your xTool from Geotech?

The price on a foreign website is not the price of a working machine in your workshop. Shipping, customs and VAT, weeks of waiting and no local warranty all add up. With Geotech you get the machine here, ready to work — and a local team standing behind it.

1

We import & deliver

We bring the machine to Georgia, handle shipping and customs, and hand it over ready to work.

2

We train you

Hands-on session: running jobs from a ready design file, material setup, maintenance and safe operation.

3

12-month local warranty

Warranty from Geotech, serviced here in Tbilisi — no overseas tickets and no shipping parts abroad.

4

Spare parts & support

Filters, lenses, nozzles, inks and accessories from one local supplier — plus help with settings and materials.

Ordering abroad yourself vs. buying from Geotech

	Ordering it yourself	Buying from Geotech
Real price	Website price + international shipping + customs clearance + 18% VAT + bank fees	**One clear price in GEL, VAT included, with an official invoice**
Delivery & import	You arrange shipping and customs paperwork, then wait for the parcel	**We handle everything and hand the machine over in Tbilisi**
Learning to operate	Self-study from videos and manuals	**Hands-on training included**
Warranty & repairs	Claims through the overseas manufacturer; parts or the whole machine shipped internationally	**Local 12-month warranty, serviced in Tbilisi**
Spare parts & consumables	A separate overseas order and shipment every time	**One local supplier for filters, lenses, inks and accessories**
Help when you need it	E-mail tickets across time zones	**A local team by phone or in person**

Warranty & training at a glance

- Geotech local warranty: 12 months from the date of receipt (invoice date as reference) on the machine's main parts.
- Not covered: misuse, unauthorised modification or disassembly, unofficial software or third-party parts, force majeure. Full terms are in your warranty agreement.
- Consumables and wear parts — filters, lenses, mirrors, nozzles, inks, blades — are not covered by the warranty.
- Training: we teach you to run the machine from a ready design file. Design and drawing courses are not part of the training.

FIND THE RIGHT MACHINE

What do you want to make?

Start with your product, not with the specs. Pick the goal below — the machines listed under it are where to look first.

Gifts & personalisation
F2 · M2 · F1 Ultra

Cut wood, acrylic & leather
D1 Pro · S1 · P2S · P3

Mark metal, colour & jewellery
F1 Ultra · F2 Ultra MOPA

Glass, crystal & 3D inside crystal
F2 Ultra UV

Print on objects & apparel
O1 · Apparel Printer Plus · WonderPress

Weld, cut & clean metal
MetalFab 800W · 1200W



Laser machines side by side

Model	Laser	Work area, mm	Max speed, mm/s	Class	Best for
F2	15W diode + 5W IR	115×115 (400×115)	6,000	4	Portable personalisation, markets and events
F1 Ultra	20W fiber + 20W diode	220×220 (220×500)	10,000	1 / 4	Metal + non-metal gifts, batch personalisation
F2 Ultra Single	60W MOPA	220×220 (220×500)	15,000	4	Colour marking, deep engraving, thin metal cutting
F2 Ultra Dual	60W MOPA + 40W diode	220×220 (220×500)	15,000	4	Every material in one professional machine
F2 Ultra UV	5W UV 355 nm	200×200 · 3D 70×70	15,000	4	Glass, crystal, plastics, delicate items
M2	10W / 20W diode + CMYK	426×320	600	1	Print-and-cut crafts, stickers, signs
D1 Pro	20W diode	430×390	400	open	Entry-level cutting and engraving on a budget
S1	40W diode	498×319	600	1	Enclosed cutting for hobby and small business
P2S	55W CO2	600×305	600	1 / 4	Fast, thick cutting incl. clear acrylic; production
P3	80W CO2	915×458	1,200	1	Large-format production and signage

LASER BASICS

Which laser do I need?

The laser source decides which materials you can cut and mark. Power decides how fast and how thick.

Diode · 455 nm

Wood, leather, paper, dark acrylic. Affordable and versatile.

F2 · F1 Ultra · F2 Ultra Dual · M2 · D1 Pro · S1

Infrared / Fiber · 1064 nm

Metals and plastics: deep marks, logos, serial numbers, thin metal cutting.

F2 · F1 Ultra · S1 / M2 IR modules

MOPA fiber

Like fiber, but with colour: 100+ stable colours on stainless steel and titanium.

F2 Ultra Single · F2 Ultra Dual

UV · 355 nm

“Cold” laser for glass, crystal and heat-sensitive materials; 3D inside crystal.

F2 Ultra UV

CO2 · 10.6 µm

The cutting workhorse: thick wood, all acrylics incl. clear, fabric, leather — fast.

P2S · P3

Material guide

	Diode	Fiber / IR	MOPA	UV	CO2
Wood & plywood	●	–	–	◖	●
Dark acrylic	●	–	–	◖	●
Clear acrylic	–	–	–	◖	●
Leather & fabric	●	–	–	◖	●
Paper & card	●	–	–	◖	●
Stainless steel	◖	●	●	◖	–
Aluminium, brass, gold, silver	–	●	●	◖	–
Colour marking on metal	–	–	◖	–	–
Glass & crystal	–	–	–	◖	◖
Stone & ceramic	◖	–	–	◖	◖

● cut & engrave · ◖ engrave / mark only · – not suitable. General guidance; results depend on power, material and settings.

Class 1 or Class 4?

Class 1

Fully enclosed beam. Safe to use in offices, shops and classrooms without laser goggles.

Class 4

Open or partly open beam path. Always use laser safety goggles and a controlled work area.

PORTABLE DUAL LASER

xTool F2

Ultra-compact dual laser for on-the-spot personalisation

15W Diode | 5W IR 1064nm





115×115
mm work area (400×115 with slide)

6,000
mm/s max speed

4.6 kg
easy to carry

SPECIFICATIONS

Laser source	15W diode + 5W infrared (1064 nm)
Laser spot	0.08×0.06 mm (diode) · 0.03×0.03 mm (IR)
Working area	115×115 mm (400×115 mm with slide extension)
Max. speed	6,000 mm/s
Max. object height	120 mm
Max. rotary diameter	120 mm
Motion accuracy	0.00199 mm
Max. cutting thickness	Basswood 15 mm · dark acrylic 12 mm (multi-pass)
Camera	50 MP
Focus	Autofocus / manual
Software	xTool Studio
Operating system	Windows / macOS
Connectivity	USB · Wi-Fi · Ethernet
File formats	SVG, DXF, JPG, PNG, BMP
Machine size	175×237×334 mm
Net weight	4.6 kg
Max. input power	150 W
Laser safety class	Class 4

KEY FEATURES

- 15W blue diode for wood, leather, paper and dark acrylic + 5W infrared for metals and plastics
- Cuts basswood up to 15 mm and dark acrylic up to 12 mm (multiple passes)
- 50 MP smart camera with autofocus and outline framing
- Only 4.6 kg — take it to markets, fairs and events
- Slide extension for long items up to 400 × 115 mm

AVAILABLE BUNDLES

xTool F2 + Air Purifier Go
Includes: Air Purifier Go

xTool F2 + Slide Extension
Includes: Slide Extension

xTool F2 Deluxe Bundle
Includes: RA3 Smart Rotary, Slide Extension, Desktop Air Purifier

WORKS WITH

F1/F2 Slide Extension · RA3 Smart Rotary · Air Purifier Go · Desktop Smoke Purifier · Pedal / Button Switch

With Geotech: import & delivery · hands-on training · 12-month local warranty · spare parts & support

FIBER + DIODE DUAL LASER

xTool F1 Ultra

20W fiber + 20W diode — metal and non-metal in one enclosed machine

20W Fiber | 20W Diode | Class 1 / 4







220×220
mm (220×500 with conveyor)

10,000
mm/s max speed

16 MP
smart camera + autofocus

VERSIONS

Version	Laser safety	Gross weight
F1 Ultra (Class 1)	Class 1 — no goggles needed	23.4 kg
F1 Ultra (Class 4)	Class 4 — use laser goggles	23.5 kg

SPECIFICATIONS

Laser source	20W fiber + 20W diode
Laser spot	0.03×0.03 mm (fiber) · 0.08×0.1 mm (diode)
Working area	220×220 mm (220×500 mm with conveyor)
Max. speed	10,000 mm/s
Max. object height	145 mm
Max. rotary diameter	145 mm
Motion accuracy	0.00482 mm
Max. cutting thickness	Basswood 15 mm · acrylic 12 mm (multi-pass)
Camera	16 MP
Focus	Autofocus
Software	xTool Studio
Operating system	Windows / macOS
Connectivity	USB · Wi-Fi · Ethernet
File formats	SVG, DXF, JPG, PNG, BMP, TIF
Machine size	273×373×492 mm
Net weight	14.7 kg
Max. input power	250–275 W
Input voltage	100–240 V AC, 50/60 Hz

KEY FEATURES

- Fiber laser engraves metal and cuts thin brass, stainless steel and aluminium; diode handles wood, leather and acrylic
- Up to 10,000 mm/s with a 0.03 mm fiber spot for fine detail
- 16 MP smart camera with live preview and autofocus
- Auto Streamline conveyor: 220 × 500 mm for batch production
- Objects up to 145 mm tall; rotary items up to 145 mm in diameter

AVAILABLE BUNDLES

xTool F1 Ultra + Conveyor
Includes: Auto Streamline Conveyor

xTool F1 Ultra Deluxe Bundle
Includes: Auto Streamline Conveyor, RA3 Smart Rotary, SafetyPro AP2 air purifier

xTool P2S + F1 Ultra Bundle
Includes: xTool P2S 55W CO2, SafetyPro AP2 air purifier

WORKS WITH

Auto Streamline Conveyor · RA3 Smart Rotary · Slide Extension · SafetyPro AP2 · Pedal / Button Switch · Laser Safety Goggles

With Geotech: import & delivery · hands-on training · 12-month local warranty · spare parts & support

MOPA FIBER LASER

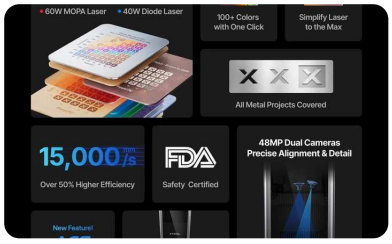
xTool F2 Ultra

60W MOPA for professional metal work — Single or Dual with a 40W diode

60W MOPA | +40W Diode







15,000
mm/s max speed

100+
stable colours on metal

2 mm
brass & steel cutting

VERSIONS

Version	Lasers	Extra materials	Net weight
F2 Ultra Single	60W MOPA	Metals and plastics	20.8 kg
F2 Ultra Dual	60W MOPA + 40W diode	+ wood, leather, MDF, felt, dark acrylic, glass, stone	21.6 kg

SPECIFICATIONS

Laser spot	0.03×0.03 mm (MOPA) · 0.08×0.1 mm (diode)
Working area	220×220 mm (220×500 mm with conveyor)
Max. speed	15,000 mm/s
Max. object height	150 mm
Max. rotary diameter	150 mm
Motion accuracy	0.00482 mm
Positioning accuracy	0.2 mm
Cuts	Brass & stainless steel up to 2 mm, aluminium up to 1 mm
Engraves	Stainless steel, aluminium, brass, silver, gold, platinum, titanium, plastics
Camera	Dual 48 MP
Focus	Autofocus
Software	xTool Studio
Operating system	Windows / macOS
Connectivity	USB · Wi-Fi · Ethernet
Machine size	294×429×521 mm
Max. input power	400 W
Input voltage	100–240 V AC, 50/60 Hz
Laser safety class	Class 4

KEY FEATURES

- MOPA fiber: 100+ stable colours on stainless steel and titanium, plus deep 3D engraving
- Cuts brass and stainless steel up to 2 mm and aluminium up to 1 mm
- Dual version adds a 40W diode for wood, leather and acrylic — no module swapping
- Dual 48 MP cameras, 0.2 mm positioning and autofocus
- Fully enclosed body with fire-safety stop; conveyor for batches up to 220 × 500 mm

AVAILABLE BUNDLES

F2 Ultra Single / Dual + Conveyor
Includes: Auto Streamline Conveyor

F2 Ultra Single / Dual Deluxe Bundle
Includes: Auto Streamline Conveyor, SafetyPro AP2 air purifier, RA3 Smart Rotary

F2 Ultra Single / Dual + F2 Ultra UV Duo
Includes: xTool F2 Ultra UV 5W

F2 Ultra Single / Dual + F2 Ultra UV Business Duo
Includes: xTool F2 Ultra UV 5W, Auto Streamline Conveyor, RA3 Smart Rotary, SafetyPro AP2 air purifier

xTool P2S + F2 Ultra Dual Business Duo
Includes: xTool P2S 55W CO2, SafetyPro AP2 air purifier

WORKS WITH

Auto Streamline Conveyor · RA3 Smart Rotary · SafetyPro AP2 · Pedal / Button Switch · Laser Safety Goggles

With Geotech: import & delivery · hands-on training · 12-month local warranty · spare parts & support

UV LASER

xTool F2 Ultra UV

5W UV 355nm

5W UV laser for glass, crystal and delicate materials — including 3D inside crystal





textiles, acrylic, ceramics, and more.



0.02 mm
ultra-fine laser spot

70×70
mm 3D inner engraving

15,000
mm/s max speed

SPECIFICATIONS

Laser source	5W UV, 355 nm
Laser spot	0.02×0.02 mm
Working area	3D inner 70×70 mm · surface 200×200 mm (200×500 mm with conveyor)
Max. speed	15,000 mm/s
Max. object height	150 mm
Max. rotary diameter	150 mm
Positioning accuracy	0.2 mm
Camera	Dual 48 MP + LiDAR
Focus	Autofocus
Software	xTool Studio
Operating system	Windows / macOS
Connectivity	USB · Wi-Fi · Ethernet
File formats	2D: SVG, DXF, JPG, PNG, BMP, WEBP · 3D: STL, OBJ, AMF, 3MF, GLB, PLY
Engraves	Glass, crystal, acrylic, wood, metal, leather, plastic, rubber, silicone, ceramic
Machine size	294×429×520 mm
Net weight	22.5 kg
Max. input power	348 W
Laser safety class	Class 4

KEY FEATURES

- "Cold" UV laser marks glass, crystal and plastics without heat damage
- 3D engraving inside crystal blocks up to 70 × 70 mm from STL / OBJ / 3MF models
- Surface engraving up to 200 × 200 mm, 200 × 500 mm with the conveyor
- Ultra-fine 0.02 mm spot for micro text, QR codes and photos
- Dual 48 MP cameras, LiDAR ranging and autofocus; fully enclosed with fire-safety stop

AVAILABLE BUNDLES

xTool F2 Ultra UV + Conveyor
Includes: Auto Streamline Conveyor

xTool F2 Ultra UV Deluxe Bundle
Includes: Auto Streamline Conveyor, RA3 Smart Rotary, SafetyPro AP2 air purifier

xTool P2S + F2 Ultra UV Business Duo
Includes: xTool P2S 55W CO2, SafetyPro AP2 air purifier

F2 Ultra Single / Dual + F2 Ultra UV Duo
Includes: xTool F2 Ultra Single or Dual

WORKS WITH

Auto Streamline Conveyor · RA3 Smart Rotary · SafetyPro AP2 · Laser Safety Goggles

With Geotech: import & delivery · hands-on training · 12-month local warranty · spare parts & support

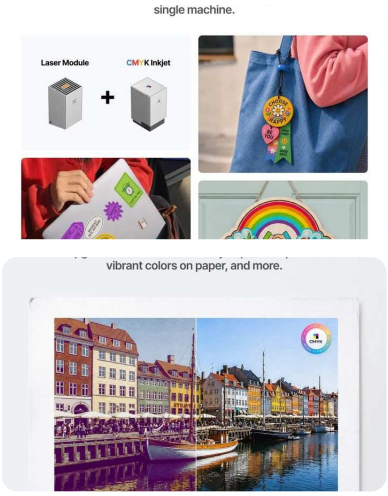
LASER + COLOUR PRINTER

xTool M2

Print in full colour, then laser-cut the outline — in one machine

10W 20W CMYK Class 1





426×320
mm laser area

1200 dpi
CMYK colour printing

Class 1
enclosed, TÜV SÜD certified

VERSIONS

Version	Laser spot	Basswood, one pass	Black acrylic, one pass
M2 10W	0.04×0.06 mm	8 mm	3 mm
M2 20W	0.06×0.08 mm	10 mm	8 mm

SPECIFICATIONS

Laser source	Blue diode (3W infrared module optional)
Working area	Laser 426×320 mm · inkjet 300×294 mm
Max. speed	600 mm/s
Max. rotary diameter	100 mm
Motion accuracy	0.01 mm
Print resolution	1200×1200 dpi
Ink	CMYK water-based, 4 × 10 ml
Camera	5 MP panoramic + 2 MP close-range
Focus	Autofocus
Software	xTool Studio
Operating system	Windows / macOS
Connectivity	USB · Wi-Fi
File formats	SVG, DXF, JPG, PNG, BMP
Machine size	610×569×180 mm
Net weight	12.3 kg
Max. input power	200 W
Input voltage	100–240 V AC, 50/60 Hz
Laser safety class	Class 1

KEY FEATURES

- Laser cutting, engraving and full-colour inkjet printing (with the CMYK module)
- Print on paper, sticker paper, wood, canvas and fabric — then cut the outline precisely
- Panoramic and close-range cameras with autofocus
- Class 1 enclosed laser safety — suitable for home, shop and classroom
- Upgradable with a 20W diode and a 3W infrared module for metal marking

AVAILABLE BUNDLES

M2 10W / 20W Color Print & Cut Bundle
Includes: CMYK inkjet module

M2 10W / 20W Deluxe Bundle
Includes: CMYK inkjet module, RA3 Lite Rotary

…+ Desktop Air Purifier
Includes: Desktop Air Purifier

…+ SafetyPro AP2
Includes: SafetyPro AP2 air purifier

WORKS WITH

CMYK Inkjet Module · 20W Laser Module · 3W IR Module · RA3 Lite Rotary · CleanCut Panel · Desktop Air Purifier

With Geotech: import & delivery · hands-on training · 12-month local warranty · spare parts & support

ENCLOSED DIODE LASER

xTool S1

40W enclosed diode cutter — powerful, safe, ready for a small business

40W Diode | 2W IR opt. | Class 1







498×319
mm work area

15 mm
plywood & black acrylic, one pass

600
mm/s max speed

SPECIFICATIONS

Laser source	40W diode (2W 1064 nm IR module optional)
Laser spot	0.08×0.10 mm
Working area	498×319 mm (up to 470×3000 mm with conveyor feeder)
Max. speed	600 mm/s
Max. cutting thickness	One pass: cherry 18 mm · basswood plywood 15 mm · black acrylic 15 mm
Software	xTool Studio · LightBurn
Connectivity	USB · Wi-Fi
Safety	UL94-V0 flame-retardant cover
Power supply	25 V, 11 A
Net weight	20 kg
Gross weight	28.74 kg
Laser safety class	Class 1

KEY FEATURES

- 40W diode cuts 15 mm basswood plywood and 15 mm black acrylic in a single pass
- Fully enclosed Class 1 machine with a UL94-V0 flame-retardant cover
- Automatic conveyor feeder: work pieces up to 470 × 3000 mm
- Optional 2W infrared module for metal and plastic marking
- Works with xTool Studio and LightBurn

AVAILABLE BUNDLES

xTool S1 40W Rotary Bundle
Includes: Rotary attachment

xTool S1 40W All-in-One SafetyPro Bundle (Class 1)
Includes: SafetyPro AP2 air purifier, S1 accessory set

WORKS WITH

2W IR Module · RA2 Pro Rotary · Smart Air Assist 2.0 · Honeycomb Panel · Fire Safety Set · SafetyPro AP2 · Screen Printer

With Geotech: import & delivery · hands-on training · 12-month local warranty · spare parts & support

OPEN-FRAME DIODE LASER

xTool D1 Pro 20W

Large work area at an entry price — the classic for starting out

20W Diode







430×390
mm work area

20W
optical output

5.5 kg
light open frame

SPECIFICATIONS

Laser power	20W optical (120 W machine power)
Wavelength	450–460 nm
Laser spot	0.08×0.1 mm
Working area	430×390 mm
Max. speed	400 mm/s
Software	xTool Creative Space · LightBurn
Operating system	Windows / macOS
Connectivity	USB · Wi-Fi
File formats	SVG, DXF, JPG, PNG, BMP, TIF
Safety	Limit switches · flame alarm
Machine size	600×590×150 mm
Net weight	5.5 kg
Gross weight	8.5 kg

KEY FEATURES

- Large 430 × 390 mm working area on a lightweight 5.5 kg frame
- 20W diode for cutting wood and dark acrylic and engraving many materials
- Limit switches and flame alarm for safer operation
- Compatible with RA2 Pro rotary, Smart Air Assist and Screen Printer
- Open frame — use laser safety goggles and good ventilation

WORKS WITH

RA2 Pro Rotary · Smart Air Assist 2.0 · Laser Lens · Screen Printer · Desktop Smoke Purifier · Laser Safety Goggles

With Geotech: import & delivery · hands-on training · 12-month local warranty · spare parts & support

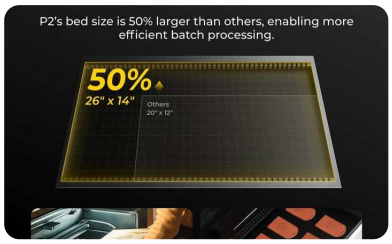
DESKTOP CO2 LASER

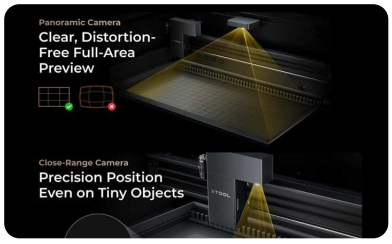
xTool P2S

55W CO2 cutter — thick cuts, clear acrylic and production speed on a desktop

55W CO2 | Class 1 / 4







600×305
mm work area

18 mm
basswood in one pass

20 mm
acrylic in one pass

SPECIFICATIONS

Laser source	55W CO2
Laser spot	0.15×0.2 mm
Working area	600×305 mm
Max. speed	600 mm/s
Max. cutting thickness	Basswood 18 mm · acrylic 20 mm (one pass)
Max. object height	71 mm (215 mm with riser base)
Max. rotary diameter	180 mm with riser base
Camera	16 MP panoramic + 16 MP close-range
Focus	Autofocus (LiDAR)
Software	xTool Studio
Operating system	Windows / macOS
Connectivity	USB · Wi-Fi
Engraves	Wood, acrylic, leather, fabric + coated metal, glass, ceramic, stone
Machine size	1000×639×268 mm
Net weight	45 kg
Gross weight	60.5 kg
Max. input power	700 W
Laser safety class	Class 1 or Class 4 version

KEY FEATURES

- 55W CO2 laser cuts 18 mm basswood and 20 mm acrylic in one pass — including clear acrylic
- Up to 600 mm/s on a 600 × 305 mm bed
- Dual 16 MP cameras (panoramic + close-range) and LiDAR autofocus
- Riser base + RA3 rotary: objects up to 215 mm tall or 180 mm in diameter
- Conveyor feeder for long sheets and batch production

AVAILABLE BUNDLES

xTool P2S Versatile Bundle
Includes: Automatic conveyor feeder, Riser base, RA3 Smart Rotary

xTool P2S All-in-One Bundle
Includes: Automatic conveyor feeder, Riser base, RA3 Smart Rotary, SafetyPro AP2 air purifier

P2S Art & Screen Printing Bundle (Class 1)
Includes: xTool Screen Printer, SafetyPro AP2 air purifier, Automatic conveyor feeder, Riser base, RA3 Smart Rotary

P2S Educational Essentials Kit / Professional Suite (Class 1)
Includes: SafetyPro AP2 air purifier, Honeycomb panel, Classroom accessories, Professional Suite adds F1 Ultra, feeder, riser & RA3

xTool P2S + F1 / F1 Ultra Bundle
Includes: xTool F1 or F1 Ultra (F1 Ultra set adds SafetyPro AP2)

WORKS WITH

Riser Base · RA3 Rotary P2S Edition · Conveyor Feeder & Rail · Honeycomb Panel 2.0 · SafetyPro AP2 / AP2 Max · Fire Safety Set

With Geotech: import & delivery · hands-on training · 12-month local warranty · spare parts & support

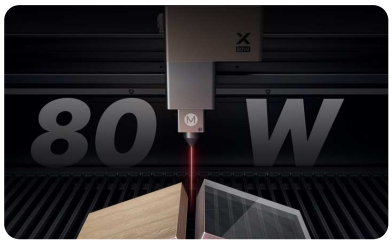
FLAGSHIP CO2 LASER

xTool P3

80W CO2 with a 915 × 458 mm bed — built for production

80W CO2 | +5W IR opt. | Class 1







915×458
mm work area

1,200
mm/s max speed

25 mm
acrylic in one pass

SPECIFICATIONS

Laser source	80W CO2 (+ optional 5W IR)
Laser spot	0.15×0.18 mm (standard lens)
Working area	915×458 mm
Max. speed	1,200 mm/s
Max. cutting thickness	Basswood 20 mm · acrylic 25 mm (one pass)
Max. object height	220 mm
Max. rotary diameter	200 mm
Motion accuracy	0.01 mm
Positioning accuracy	0.2 mm
Camera	16 MP panoramic + close-range + 2 side cameras
Focus	Autofocus (LiDAR)
Software	xTool Studio
Operating system	Windows / macOS
Connectivity	USB · Wi-Fi
Machine size	1250×780×496 mm
Net weight	105 kg
Max. input power	1400 W
Input voltage	100–240 V AC, 50/60 Hz

KEY FEATURES

- 80W CO2 laser cuts 20 mm basswood and 25 mm acrylic in one pass
- 915 × 458 mm bed and up to 1,200 mm/s — for signage and volume orders
- Panoramic, close-range and side cameras with LiDAR autofocus
- Up to 220 mm processing height and 200 mm rotary diameter
- Optional 5W IR module for metal marking; Class 1 laser safety

AVAILABLE BUNDLES

xTool P3 Versatile Bundle
Includes: Automatic conveyor feeder, Mobile workstand, RA3 Smart Rotary

xTool P3 All-in-One Bundle
Includes: Automatic conveyor feeder, Mobile workstand, RA3 Smart Rotary, SafetyPro AP2 Max air purifier

WORKS WITH

P3 Automatic Conveyor Feeder & Rail · Mobile Workstand · RA3 Smart Rotary · SafetyPro AP2 Max · Laser Tube, Mirrors & Window

With Geotech: import & delivery · hands-on training · 12-month local warranty · spare parts & support

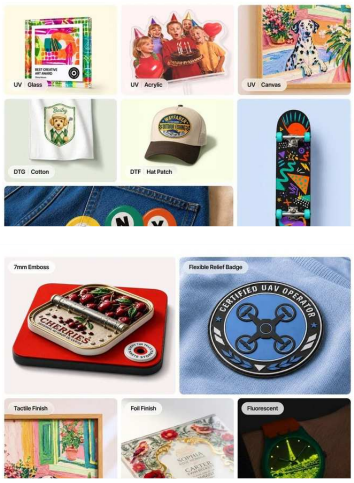
UV PRINTER

xTool O1 Omni Printer

UV · UV-DTF · DTG

4-in-1 desktop UV printer: rigid objects, UV-DTF stickers, embossing — and fabric





330×420
mm max print area

720×1440
dpi resolution

7 mm
embossed texture

VERSIONS

Version	Print heads	Inks	Net weight
Single UV	Epson F1080 × 1	CMYK + white + 3-in-1 varnish	40.6 kg
Dual UV	Epson F1080 × 2	CMYK + white + varnish; rigid/flexible white, fluorescent red & yellow	41.1 kg
UV & DTG	Epson F1080 × 2	UV: CMYK + white + varnish · fabric: CMYK + white (DTG platen 300×390 mm)	41.1 kg

SPECIFICATIONS

Print resolution	720×1440 dpi
Print area	Standard bed 330×122 mm · large bed 330×420 mm
Embossed print height	7 mm
Ink capacity	125 ml per colour · 290 ml high-capacity white
Vision system	1440×1200 dpi
Positioning accuracy	±0.2 mm
Operating system	Windows / macOS
Software	App: remote cleaning & control
Safety	GREENGUARD Gold certified UV ink

KEY FEATURES

- Prints directly on acrylic, wood, metal, glass, ceramic and leather
- Makes UV-DTF stickers and transfers with the LM1 laminator
- Embossed textures up to 7 mm; varnish for matte, gloss and foil effects
- UV & DTG edition also prints directly on cotton and polyester
- Automatic white-ink stirring, circulation and printhead protection

AVAILABLE BUNDLES

O1 Single UV / Dual UV / UV & DTG Rotary Bundle
Includes: OR1 Rotary

O1 Dual UV / UV & DTG Versatile Bundle
Includes: OR1 Rotary, LM1 Laminator, RF1 Roll Feeder

O1 UV & DTG Print and Press Deluxe Bundle
Includes: OR1 Rotary, LM1 Laminator, RF1 Roll Feeder, Heat press & accessories

WORKS WITH

OR1 Rotary Attachment · UV Maintenance Tank · DT Maintenance Tank

With Geotech: import & delivery · hands-on training · 12-month local warranty · spare parts & support

DTF PRINTING WORKFLOW

xTool Apparel Printer Plus

DTF | CMYK + 4W

Full-colour DTF transfers for any fabric — with the OS1 shaker oven for a complete workflow







4.6 m²/h
print speed

356 mm
print width

720×1800
dpi resolution

VERSIONS

Machine	Role	Key data	Net weight
Apparel Printer Plus	Prints the DTF film	2 × Epson I1600 · 356×600 mm/sheet · 350 W	34 kg
OS1 Shaker Oven	Powders, shakes and cures the film	390 mm film · 2 kg powder · 90–130 °C · 1800 W	72 kg

SPECIFICATIONS

Print head	Epson I1600 × 2
Print resolution	720×1800 dpi
Print width	356 mm
Print area	356×600 mm
Print speed	Up to 4.6 m²/h
Ink	CMYK + WWWW
Materials	All fabrics: cotton, polyester, denim, canvas, spandex, nylon
Software	xTool Creative Space (RIP, auto nesting)
Operating system	Windows · macOS · Android · iOS
Machine size	905×365×357 mm
Rated power	350 W
Max. film width	OS1: 390 mm
Sheet length	OS1: 265–530 mm
Curing temperature	OS1: 90–130 °C
Noise level	OS1: 65 dBA

KEY FEATURES

- Dual Epson I1600 printheads with CMYK + 4 × white for bright prints on dark garments
- Transfers work on any fabric — cotton, polyester, denim, nylon and more
- Automatic printhead cleaning, humidification and white-ink circulation
- AI auto-calibration and RIP software included
- OS1 applies powder, shakes off the excess and cures the film in one pass

AVAILABLE BUNDLES

Apparel Printer Plus Versatile Bundle
Includes: OS1 Automatic Shaker Oven

Apparel Printer Plus All-in-One Bundle
Includes: OS1 Automatic Shaker Oven, Workflow accessories

WORKS WITH

Printhead · Maintenance & Cleaning Kits · Cutter Kit · Humidity Module · White Ink Damper Kit · WonderPress

With Geotech: import & delivery · hands-on training · 12-month local warranty · spare parts & support

AUTOMATIC HEAT PRESS

xTool WonderPress

HTV · Sublimation · DTF

One press, five processes: HTV, sublimation, DTF, 3D sublimation and vacuum forming







380×380
mm heat platen

20–100 kg
automatic pressure

80–210 °C
temperature range

VERSIONS

Set	Adds
WonderPress	HTV, sublimation and DTF transfers on a 380 × 380 mm platen
+ Craft Oven Module	3D sublimation on mugs, tumblers and objects (up to 122 × 229 mm)
+ 3D Form Module	Vacuum forming up to 203 × 254 mm, 90 mm deep
All-in-One / Efficiency Boost Deluxe	Both modules · Deluxe adds the Dual Station

SPECIFICATIONS

Heat platen	380×380 mm
Temperature	80–210 °C
Pressure	20–100 kg
Time range	1–999 s
DTF curing area	432×432 mm
Max. sublimation area	122×229 mm
Vacuum forming	203×254 mm, 90 mm deep
Filtration	H11 + carbon + H13 HEPA
Software	xTool Studio app · 35 presets
Machine size	418×549×410 mm
Net weight	22 kg
Rated power	1150–1650 W

KEY FEATURES

- Automatic pressure 20–100 kg — no manual lever, even results every time
- HTV, sublimation and DTF transfers; DTF curing up to 432 × 432 mm
- Craft Oven module for 3D sublimation on mugs and tumblers
- 3D Form module for vacuum forming packaging and shapes
- Built-in 3-layer filtration (H13 HEPA + carbon), 35 presets and app control

AVAILABLE BUNDLES

xTool WonderPress + Craft Oven Module
Includes: Craft Oven module

xTool WonderPress + 3D Form Module
Includes: 3D Form module

xTool WonderPress All-in-One Bundle
Includes: Craft Oven module, 3D Form module

WonderPress Efficiency Boost Deluxe Bundle
Includes: Craft Oven module, 3D Form module, Dual Station

WORKS WITH

Craft Oven Module · 3D Form Module · Dual Station · Smart Heat Press (compact) · Apparel Printer Plus

With Geotech: import & delivery · hands-on training · 12-month local warranty · spare parts & support

LASER WELDING & CUTTING

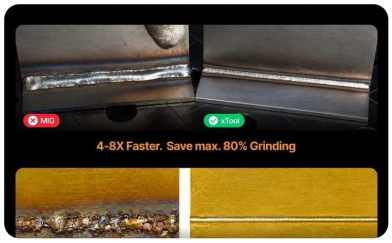
xTool MetalFab

Handheld laser welder, cutter and cleaner — add the CNC bed for precise sheet cutting

800W · 1200W · CNC 610×610







3-in-1
weld · cut · clean

610×610
mm CNC cutting area

10 mm
carbon steel cut (1200W)

VERSIONS

Configuration	What you get	Gross weight
Laser Welder 800W	Handheld weld / cut / clean torch, 5 m cable	45.7 kg
Laser Welder 1200W	Same, more power — thicker welds and cuts (rated 4200 W)	86 kg
CNC Metal Cutter	610 × 610 mm CNC bed — requires a MetalFab welder	251 kg
Welder + CNC Cutter 800W / 1200W	Complete metal workshop	296.7 / 337 kg

SPECIFICATIONS

Laser source	Fiber laser, 1080 ± 10 nm
Welding modes	Continuous, spot, pulse
Metals	Stainless & carbon steel, aluminium, titanium, copper, brass, galvanised sheet, nickel alloy
Welding thickness	0.2–5 mm steel; up to 4 mm aluminium & brass (1200W)
Cleaning width	Up to 45 mm rust/paint · 10 mm post-weld
Max. cutting thickness	CNC, 1200W: carbon steel 10 mm · stainless 5 mm · aluminium 4 mm · brass 3 mm
Working area	CNC 610×610 mm, pass-through for longer sheets
Max. speed	CNC 400 mm/s · ±0.1 mm
Shielding gas	Nitrogen or argon (99.99%)
Cooling	Air-cooled — no chiller
Input voltage	200–240 V AC, 50/60 Hz
Laser safety class	Class 4

KEY FEATURES

- Welding, cutting and rust/paint cleaning with one handheld torch
- Clean, strong seams with minimal heat distortion — little grinding needed
- Air-cooled fiber laser: no water chiller to buy or maintain
- CNC bed: precise, burr-free sheet cutting at ±0.1 mm, up to 400 mm/s
- Wire feeder and MaxClean head available; Class 4 — protective equipment required

AVAILABLE BUNDLES

MetalFab 800W / 1200W SafetyPro Bundle
Includes: CNC laser cutting bed, SafetyPro fume extraction

MetalFab 800W / 1200W All-in-One Bundle
Includes: CNC laser cutting bed, SafetyPro fume extraction, Air compressor & dryer

MetalFab Educational Essentials Kit / Professional Suite
Includes: CNC laser cutting bed, SafetyPro fume extraction, Safety equipment & teaching materials, Professional Suite adds compressor & dryer

WORKS WITH

Wire Feeder · MaxClean Cleaning Head · Air Compressor & Dryer · Nozzle & Protective Lens Sets · CNC Slats

With Geotech: import & delivery · hands-on training · 12-month local warranty · spare parts & support

ACCESSORIES

Accessories & upgrades

Every accessory and spare part on this list is available from Geotech — no separate overseas orders.

Rotary, fixtures & controls

Engrave cups, rings, bottles and irregular objects — and speed up batches.



RA3 Smart Rotary

MagSwap rotary for tumblers, rings, spheres and irregular objects

Fits: P3, F-series



RA3 Rotary – P2S Edition

RA3 smart rotary for the P2S/P2 (riser base required)

Fits: P2 / P2S



RA3 Lite Rotary

Compact rotary for tumblers, cups and rings

Fits: M2



RA2 Pro Rotary

4-in-1 rotary: chuck and rollers for cylinders, rings and spheres

Fits: D1 Pro, S1, M1, P2



OR1 Rotary Attachment

Print on tumblers, bottles and cylindrical objects

Fits: O1



RA3 Jaw Plate Assembly

Extra jaw plates for the RA3 chuck

Fits: RA3



RA3 Roller Extension Kit

Supports longer tumblers and bottles

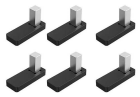
Fits: RA3



Flexible Fixture

Holds irregular objects for repeatable batch engraving

Fits: xTool lasers



Honeycomb Material Pins

Hold materials flat on the honeycomb panel

Fits: xTool lasers



F1 Pedal Switch

Foot pedal for hands-free job start in batch work

Fits: F1, F1 Ultra, F2, F2 Ultra



F1 Button Switch

Hand button to start jobs quickly

Fits: F1, F1 Ultra, F2, F2 Ultra

Work area & automation

Conveyors, risers and panels for longer, taller and cleaner work.



Auto Streamline Conveyor

Extends the area to 220 × 500 mm and feeds batches automatically

Fits: F1 Ultra, F2 Ultra, F2 Ultra UV



Automatic Conveyor Feeder for P2

Continuous processing of long sheets and batches

Fits: P2 / P2S



Conveyor Rail for P2

Extension rail for the P2 conveyor feeder

Fits: P2 / P2S



P3 Automatic Conveyor Feeder

Continuous processing of long sheets on the P3

Fits: P3



P3 Conveyor Rail (27")

Extension rail for the P3 conveyor feeder

Fits: P3

Work area & automation (continued)



F1/F2 Slide Extension
Engrave belts, rulers and long boards (F2: up to 400 × 115 mm)

Fits: F1, F1 Ultra, F2, F2 Ultra



P2 Riser Base
Raises height to 215 mm; rotary up to 180 mm diameter

Fits: P2 / P2S



P2 Riser Base (White)
White version — 215 mm processing height

Fits: P2 / P2S



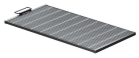
M1 Ultra Riser Base Kit
More height for taller objects and rotary work

Fits: M1 Ultra



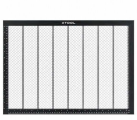
Mobile Workstand for P3
Sturdy mobile stand with storage

Fits: P3



P2 Honeycomb Panel 2.0
Better airflow and cleaner cuts

Fits: P2 / P2S



S1 Honeycomb Panel
Honeycomb working panel for cutting

Fits: S1



M2 CleanCut Panel
Reduces burn marks on the back of cut pieces

Fits: M2

Air purification & safety

Remove smoke and odour without a window vent; protect people and the workshop.



SafetyPro AP2 Max
High-capacity purifier for CO2 lasers and production

Fits: P3, P2S, MetalFab



SafetyPro AP2
SuperCyclone + 5-stage filtration; auto start/stop

Fits: P2S, P3, S1, F, M



Desktop Smoke Purifier
Multi-stage filtration — no window vent needed

Fits: F1, F2, M2 ...



Air Purifier Go for F2
Compact portable purifier that filters at the source

Fits: F2



SafetyPro IF2 2.0 Inline Duct Fan
Boosts exhaust airflow through a window vent

Fits: xTool lasers



SafetyPro IF2 Inline Duct Fan (Black)
Stronger airflow through long ducts

Fits: xTool lasers



M2 Exhaust Duct Adapter
Connects the M2 to the Desktop Air Purifier

Fits: M2



Smoke Purifier Connector for M1 Ultra
Links the M1 Ultra exhaust to a purifier

Fits: M1 Ultra

Smart Air Assist 2.0
Switches on with the job — cleaner cuts, less charring

Fits: S1, M1 Ultra, M1, D1 Pro



Fire Safety Set V1.5
Detects flames and extinguishes them with CO2

Fits: xTool lasers



CO2 Cylinder (Fire Safety Set)
Replacement cylinder for the fire safety system

Fits: Fire Safety Set



CO2 Gas Bottle
Replacement CO2 bottle for the fire safety set

Fits: Fire Safety Set



Laser Safety Goggles
Protects against UV, blue, red and infrared laser light

Fits: 316–460 / 630–670 / 800–1080 nm

Laser modules & upgrades

Add power, infrared marking or colour printing to the machine you already have.



S1 40W Laser Module Kit

40W diode module for the S1

Fits: S1



S1 2W Infrared Module

1064 nm module marks metal and plastics, 0.03 mm spot

Fits: S1



M2 20W Laser Module Kit

Cuts thicker wood and acrylic faster than 10W

Fits: M2



M2 3W Infrared Module Kit

Fine marking on metals and plastics

Fits: M2



M1 Ultra 20W Laser Module Kit

20W diode module for the M1 Ultra

Fits: M1 Ultra



M2 CMYK Inkjet Printing Module

Turns the M2 into a 1200 dpi colour printer

Fits: M2



Apparel Printer Plus Upgrade Kit

Upgrades the original Apparel Printer to Plus

Fits: Apparel Printer

Heat press & screen printing

Turn designs into T-shirts, bags, mugs and posters.



Craft Oven Module

3D sublimation on mugs, tumblers and objects

Fits: WonderPress



3D Form Module

Vacuum forming up to 203 × 254 mm, 90 mm deep

Fits: WonderPress



Dual Station for WonderPress

Prepare one item while the press works on another

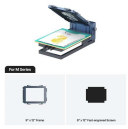
Fits: WonderPress



Smart Heat Press

Compact press for HTV, sublimation and DTF on textiles

Fits: Textiles



Screen Printer 2.0 Basic Kit

Make screens with your laser — print T-shirts, bags, posters

Fits: M, F, P, S



Screen Printer 1.5 Kit (Small Frame)

Screen printing kit with a small frame

Fits: xTool lasers



Screen Printing Frame 9 × 12"

Frame for 9 × 12" screens

Fits: Screen Printer



Screen Printing Frame 9 × 12" V2.0

Updated V2.0 frame

Fits: Screen Printer



Screen Printing Frame 11.5 × 16"

Large frame for bigger prints

Fits: Screen Printer



Screen Printer Positioning Piece — P2

Aligns the screen frame in the P2

Fits: P2



Screen Printer Positioning Piece — M1 Ultra

Aligns the screen frame in the M1 Ultra

Fits: M1 Ultra



Screen Printer Positioning Piece — S1

Aligns the screen frame in the S1

Fits: S1



Screen Printer Positioning Piece — D1 Pro

Aligns the screen frame on the D1 Pro

Fits: D1 Pro

MetalFab accessories & consumables

Clean air, wire feeding and the nozzles and lenses the welder uses up.



Air Compressor & Air Dryer

Clean, dry compressed air for cutting and cleaning

Fits: MetalFab



Air Dryer

Removes moisture for stable cutting quality

Fits: MetalFab



MetalFab Wire Feeder

Automatic filler-wire feeding for welding

Fits: MetalFab



MaxClean Laser Cleaning Head

Removes rust, paint and oxide up to 45 mm wide

Fits: MetalFab



CNC Cutting Slats

Replacement support slats for the CNC bed

Fits: MetalFab CNC



Protective Lens Set (10 pcs)

Shields the optics from spatter

Fits: MetalFab



SaveGas Cutting Nozzle Set

Gas-saving cutting nozzles

Fits: MetalFab



Double-Layer Cutting Nozzle Set

For cutting thicker metal

Fits: MetalFab



Ordinary Cutting Nozzles (5 pcs)

Standard cutting nozzles

Fits: MetalFab



Welding Nozzle Set

Replacement welding nozzles

Fits: MetalFab



CNC Cleaning Nozzle

Laser cleaning on the CNC system

Fits: MetalFab CNC



Air Compressor Consumables Kit

Service consumables for the compressor

Fits: xTool compressor



Air Dryer Consumables Kit

Service consumables for the air dryer

Fits: xTool air dryer

Optics & filters

Laser tubes, mirrors and lenses, and replacement filters for every xTool purifier.

P3 80W Laser Tube

Replacement 80W CO2 tube

Fits: P3



P3 Laser Window

Replacement laser window

Fits: P3



P3 Laser Mirror Set (3 pcs)

Replacement mirrors

Fits: P3



P2S Laser Mirror

Replacement laser mirror

Fits: P2 / P2S



Laser Mirrors Pack for P2 (3 pcs)

Set of three mirrors

Fits: P2 / P2S



Laser Lens for P2

Replacement focusing lens

Fits: P2 / P2S



Laser Lens for D1 / D1 Pro / S1

Protective lens for diode modules

Fits: S1, D1, D1 Pro, M1 Ultra



SafetyPro AP2 Pre-Filter

First stage — catches large particles

Fits: AP2



SafetyPro AP2 Medium-Efficiency Filter

Middle filtration stage

Fits: AP2



SafetyPro AP2 HEPA Filter

Fine particles and smoke

Fits: AP2

Optics & filters (continued)



SafetyPro AP2 Activated Carbon Filter
Absorbs odours and gases

Fits: AP2



SafetyPro AP2 Carbon Mesh Filter
Ultra-dense carbon mesh stage

Fits: AP2



Smoke Purifier Filter Kit
Replacement filter kit

Fits: Smoke Purifier

Smoke Purifier Pre-Filter Pack
Pack of pre-filters

Fits: Smoke Purifier



Desktop Smoke Purifier Filter
Replacement filter

Fits: Desktop Smoke Purifier



Filter Kit for Air Purifier Go
Replacement filters

Fits: Air Purifier Go

Printer care & spare parts

Keep printheads healthy and production running.



Apparel Printer Printhead
Replacement Epson printhead

Fits: Apparel Printer



Apparel Printer Maintenance Kit
Cleaning tools and consumables

Fits: Apparel Printer



Apparel Printer Plus Maintenance Kit
Maintenance kit for the Plus

Fits: Apparel Printer Plus



Apparel Printer Cleaning Kit
Routine cleaning

Fits: Apparel Printer



Apparel Printer Cutter Kit
Replacement film cutter

Fits: Apparel Printer



Internal Humidity Module
Keeps printhead humidity optimal

Fits: Apparel Printer



White Ink Damper Upgrade Kit
Upgraded white-ink dampers

Fits: Apparel Printer Plus



UV Maintenance Tank (260 ml)
Waste-ink tank for the UV system

Fits: O1



DT Maintenance Tank
Maintenance tank for fabric printing

Fits: O1

M1 Ultra crafting tools

Blades, mats, pens and foil tools for the xTool M1 Ultra 4-in-1 craft machine.



Electrostatic Mat
Holds paper flat without adhesive

Fits: M1 Ultra

Protection Sheet for Electrostatic Mat
Protects the electrostatic mat

Fits: M1 Ultra



Cutting Blade
Blade-cutting module blade

Fits: M1 Ultra



Fine-Point Blade
Precise vinyl, paper and cardstock cutting

Fits: M1 Ultra



Rotary Blade
Cuts fabric and felt

Fits: M1 Ultra



Foil Transfer Tip
Adds metallic foil details

Fits: M1 Ultra



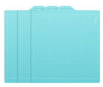
Fine Point Pen (0.4 mm)
Drawing and writing

Fits: M1 Ultra



Cutting Mat – FabricGrip
Strong-grip mat for fabric

Fits: M1 Ultra



Cutting Mat – LightGrip
Light-grip mat for paper

Fits: M1 Ultra



Replacement Blades (3 pcs)
For the cutting blade holder

Fits: M1 Ultra



Rotary Blade Replacement Kit (3 pcs)
Spare rotary blades

Fits: M1 Ultra



Foil Transfer Replacement Tips (3 pcs)
Spare foil-transfer tips

Fits: M1 Ultra

GeoTech
Georgian Technology

Let’s choose your machine together

Visit us, see the machines working, and get a quote with delivery and training included.

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Specifications and cutting capacities are manufacturer reference data; actual results depend on material, focus and conditions. Product availability, bundles and specifications may change without notice.