

KE-ATEZR 1094 Extension Shaft Instruction Manual



- ☒ English
- ☒ Deutsche
- ☒ Français
- ☒ Italiano
- ☒ Español



Version : 2.0

Packaging List



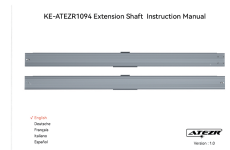
Extension Accessories



Extension cord



Cable buckle



Instruction manual

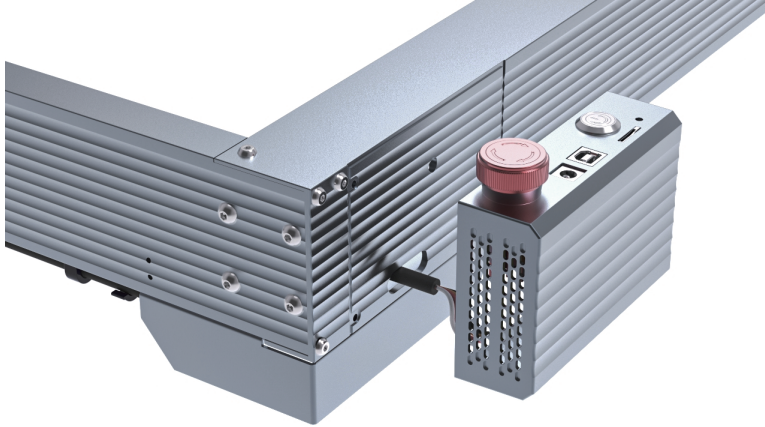


M5X14*2



5PIN to 4PIN transfer line

Installation Steps

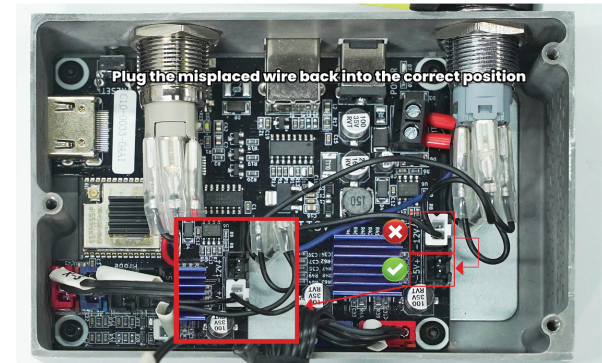


Step 1

Remove the motherboard connection cable and control box.

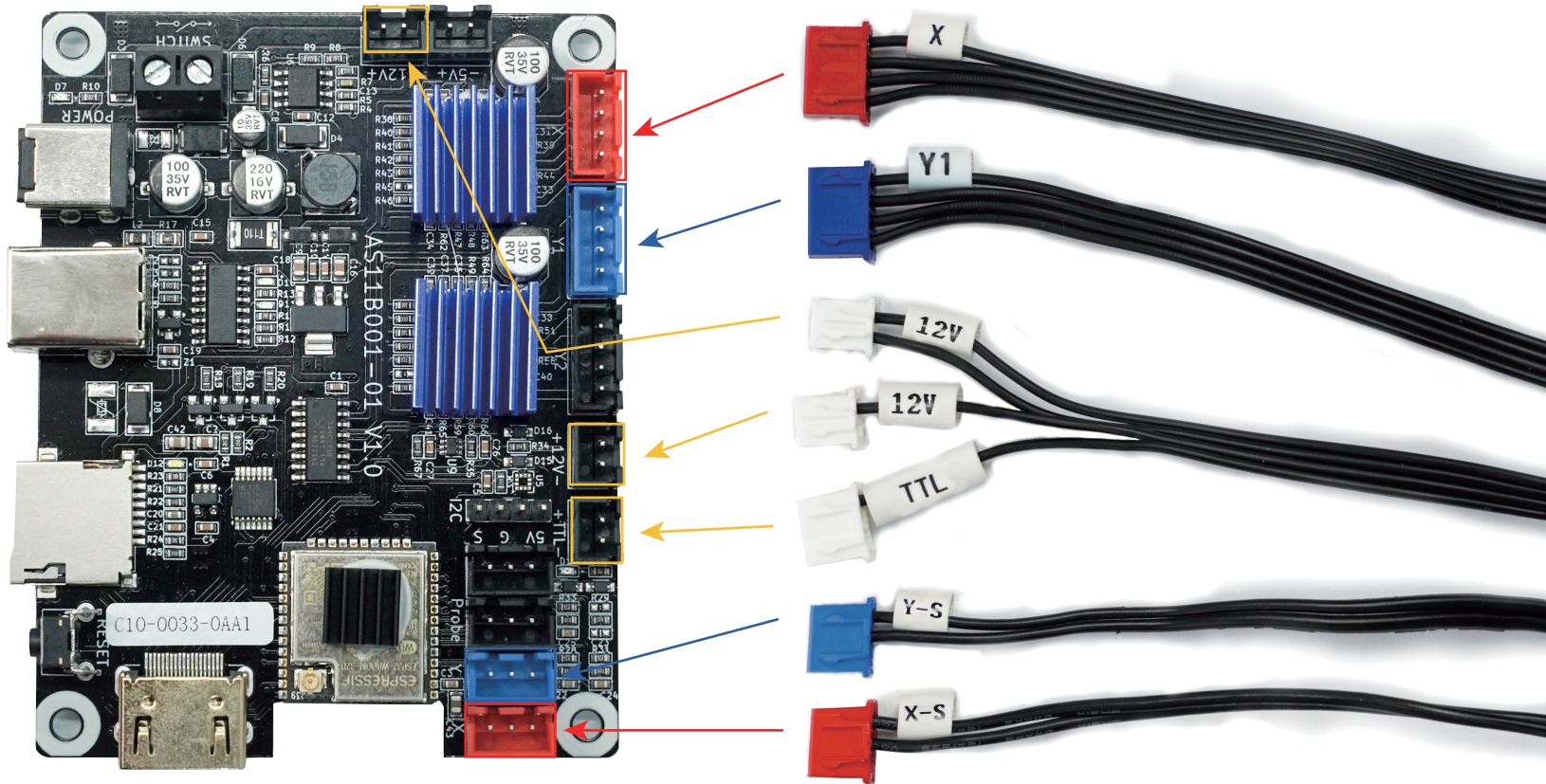
Step 2

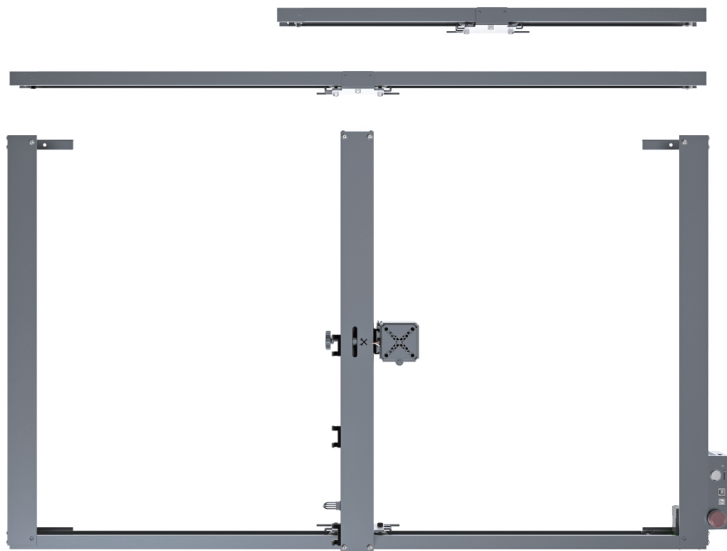
Check whether the power supply terminal of the emergency stop switch is correct. If not, please change the insertion of the needle base according to the following figure



Step 3

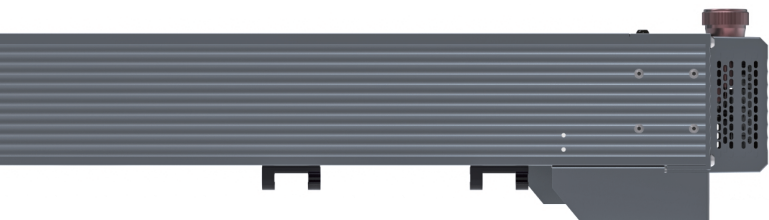
The following figure shows the replacement of the motherboard connection cable.





Step 4

Replace the Y-axis assembly of the original equipment with an extension shaft

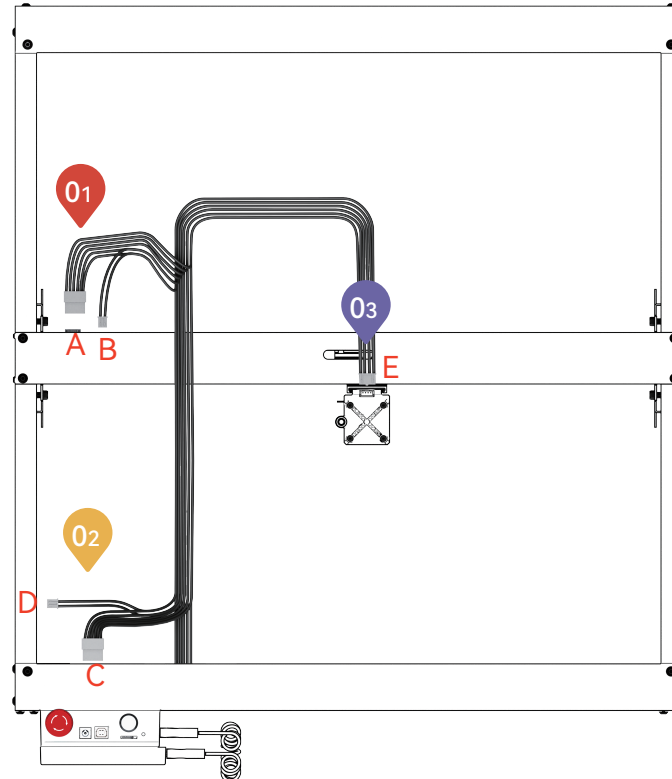
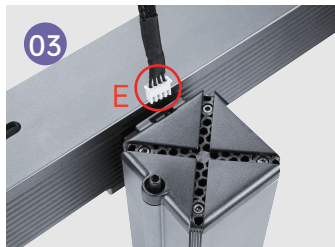
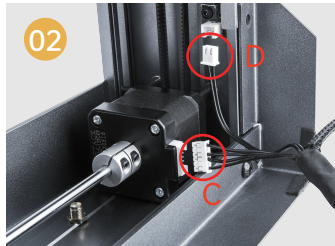
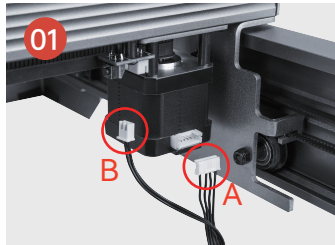


Step 5

Installation of alignment buckles

Step 6

Install the cable tie



A/C: 6 holes are connected to the motor



E: 5 holes are connected to the laser module



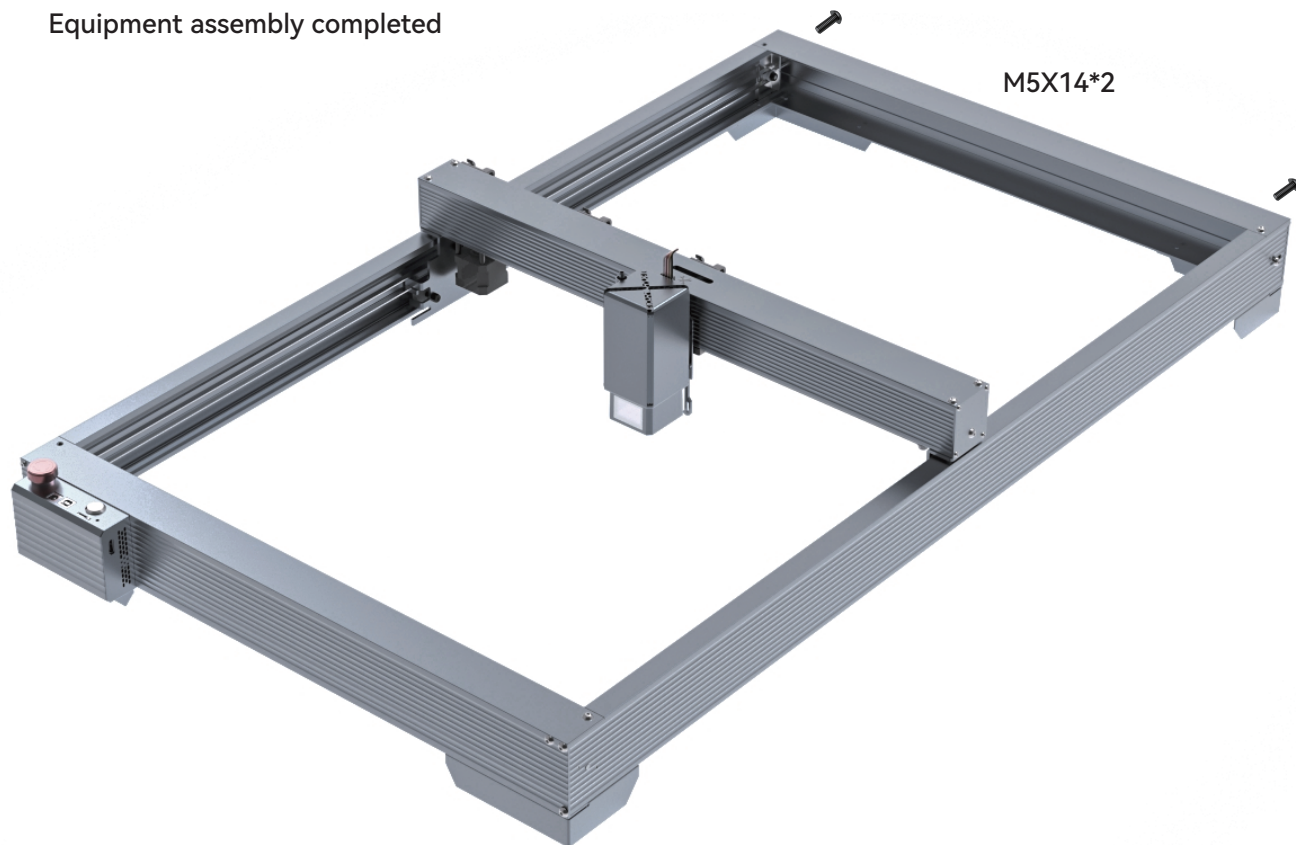
B/D: 2 holes are connected to the limit switch



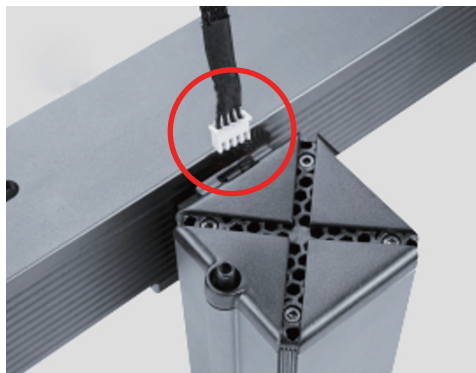
Pay attention to the front and back of the interface. Be aware to insert correctly.

Step 7

Equipment assembly completed



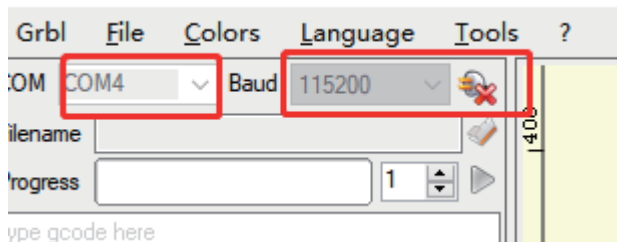
Note: If the original laser (except VL35 Laser) is used after replacing the motherboard connection line, please insert the 5PIN to 4PIN adapter line in the motherboard connection line as shown below, and then connect the original laser. After replacing with the original power adapter, the product can be used normally without replacing the original motherboard cable



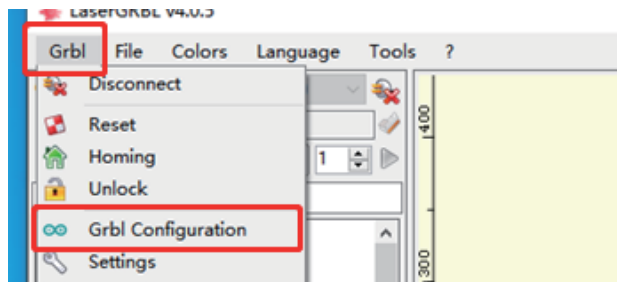
Insert 5PIN to 4PIN transfer line

Using laserGRBL

1. open laserGRBLR software,
connect the machine serial port



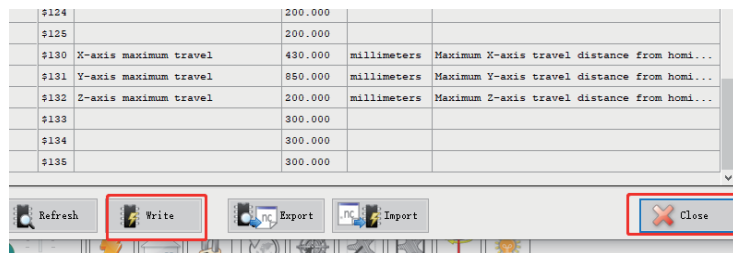
2. Select Grbl/Grbl configuration



3. Find axis-maximum travel,
change the value of axis-maximum travel to 850

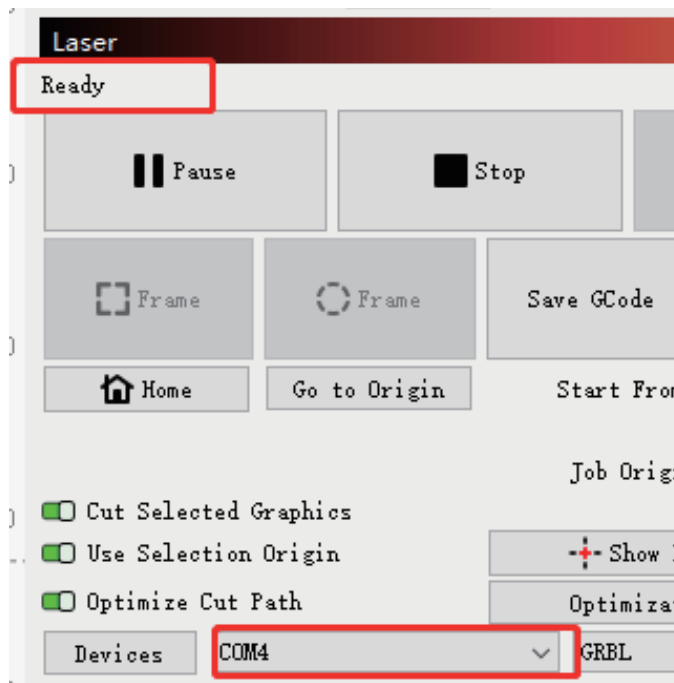
\$125		200.000	
\$130	X-axis maximum travel	430.000	millimeters
\$131	Y-axis maximum travel	850	millimeters
\$132	Z-axis maximum travel	200.000	millimeters
\$133		300.000	
\$134		300.000	

4. Click on Writ/Close

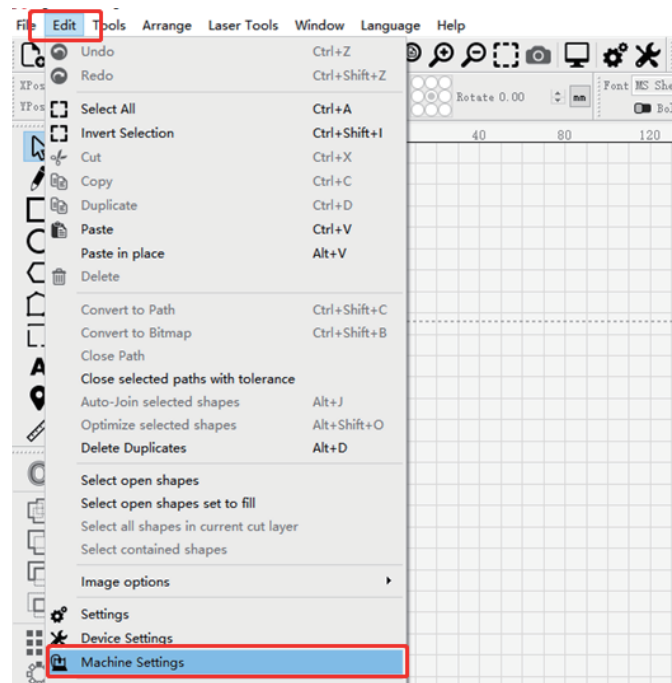


Using Lightburn

1. Turn on lightburn, connect the serial port



2. Open Edit/Machine Settings



Using Lightburn

3. Open Outputs setup and find Y Max travel(mm)(\$131) and change it to 850

Laser mode enable (\$32)	☒ True
▼ Outputs setup	
Step pulse (microseconds) (\$0)	10
Step idle delay (ms) (\$1)	25
Step enable invert (\$4)	☐ False
Limit pins invert (\$5)	☒ True
Probe pin invert (\$6)	☐ False
X Step pin invert (\$2)	☐ False
X Direction pin invert (\$3)	☒ True
X Homing direction invert (\$23)	☒ True
X Steps per mm (\$100)	80.000
X Max rate (mm/min) (\$110)	20,000.000
X Acceleration (mm/sec^2) (\$120)	1,000.000
X Max travel (mm) (\$130)	430.000
Y Step pin invert (\$2)	☐ False
Y Direction pin invert (\$3)	☒ True
Y Homing direction invert (\$23)	☒ True
Y Steps per mm (\$101)	80.000
Y Max rate (mm/min) (\$111)	20,000.000
Y Acceleration (mm/sec^2) (\$121)	1,000.000
Y Max travel (mm) (\$131)	850.000
Z Step pin invert (\$2)	☐ False

KE-ATEZR 1094 Verlängerungswelle Gebrauchsanweisung



- ☒ English
- ☒ **Deutsche**
- ☒ Français
- ☒ Italiano
- ☒ Español



Version : 2.0

Verpackungsliste



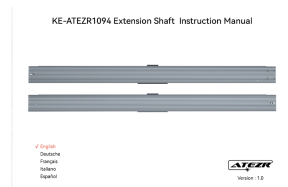
Zubehör für Erweiterungen



Verlängerungskabel



Kabelschnalle



Gebrauchsanweisung

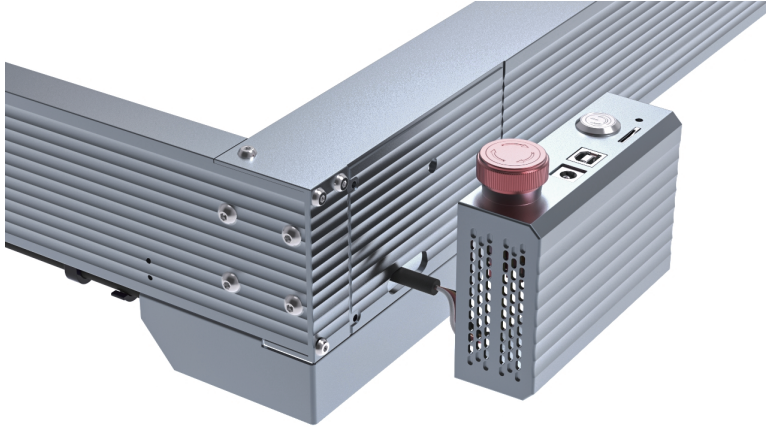


M5X14*2



5PIN auf 4PIN Übertragungsline

Schritte zur Installation

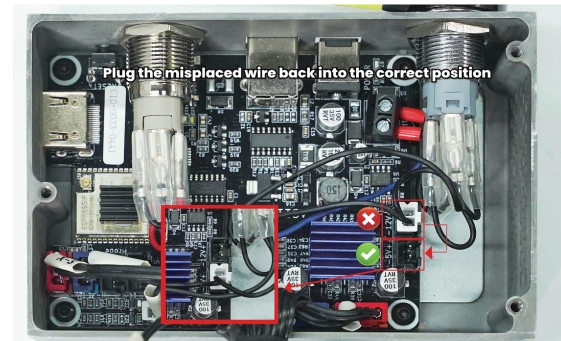


Schritt 1

Entfernen Sie die Hauptplatine Anschlusskabel und Steuereinheit.

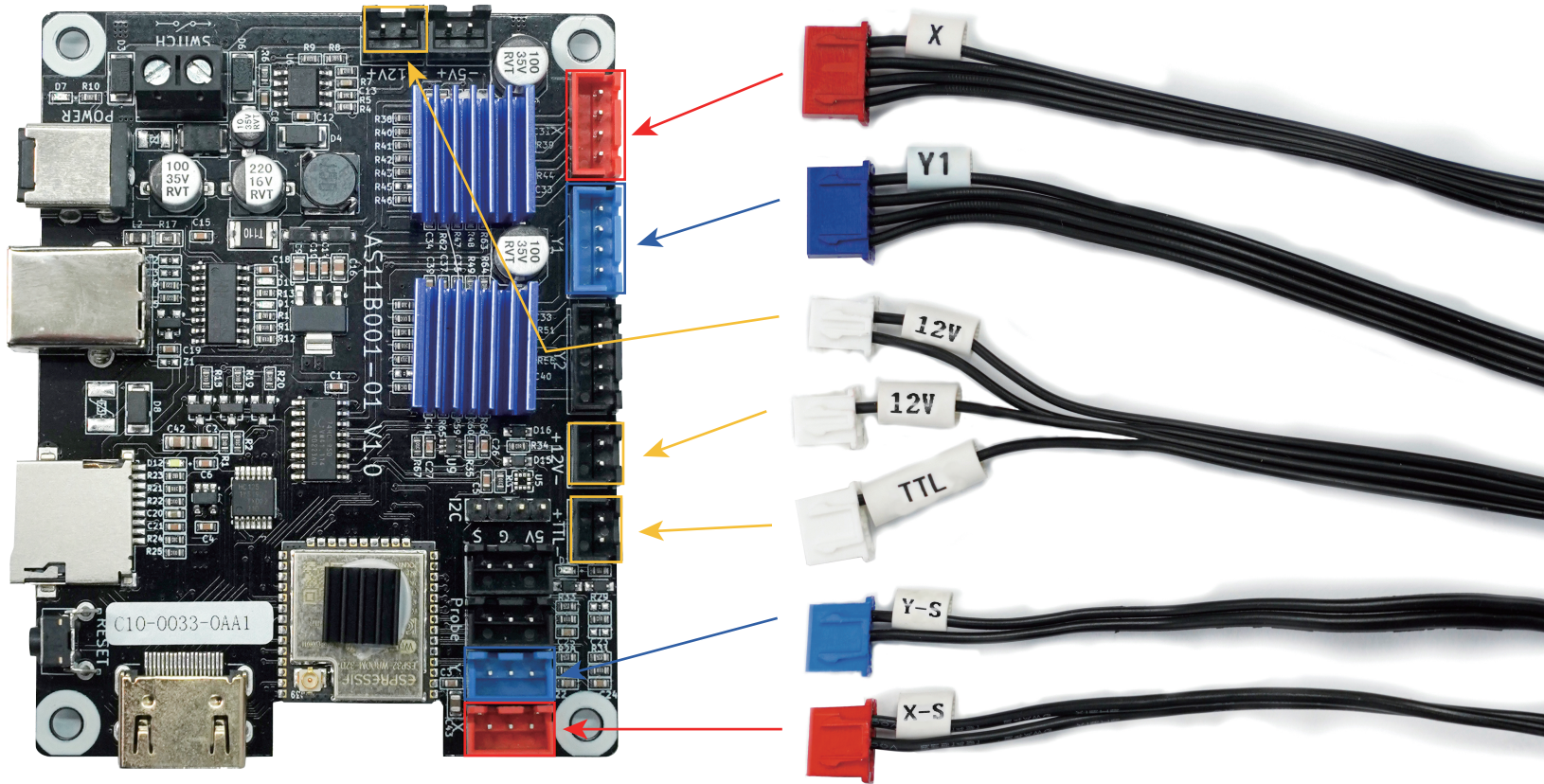
Schritt 2

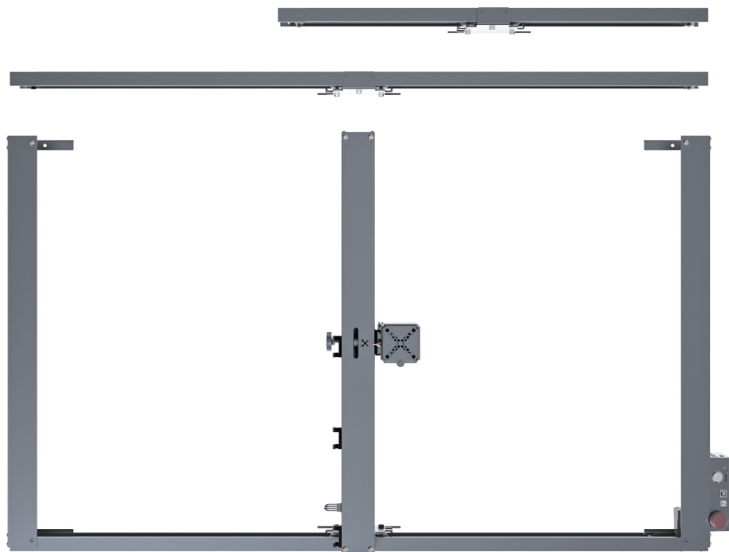
Prüfen Sie, ob der Netzanschluss des Not-Aus-Schalters korrekt ist. Andernfalls ändern Sie bitte den Einsatz des Nadelfußes gemäß folgender Abbildung.



Schritt 3

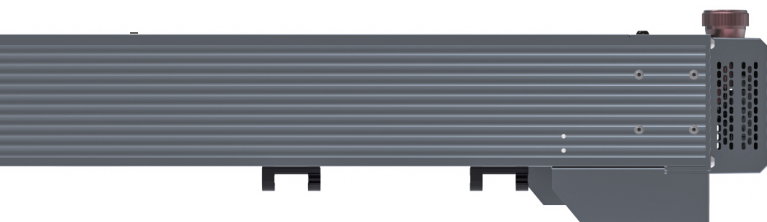
Die folgende Abbildung zeigt den Austausch des Anschlusskabels der Hauptplatine.





Schritt 4

Ersetzen Sie die Y-Achsen-Baugruppe der Originalausrüstung durch eine Verlängerungswelle.

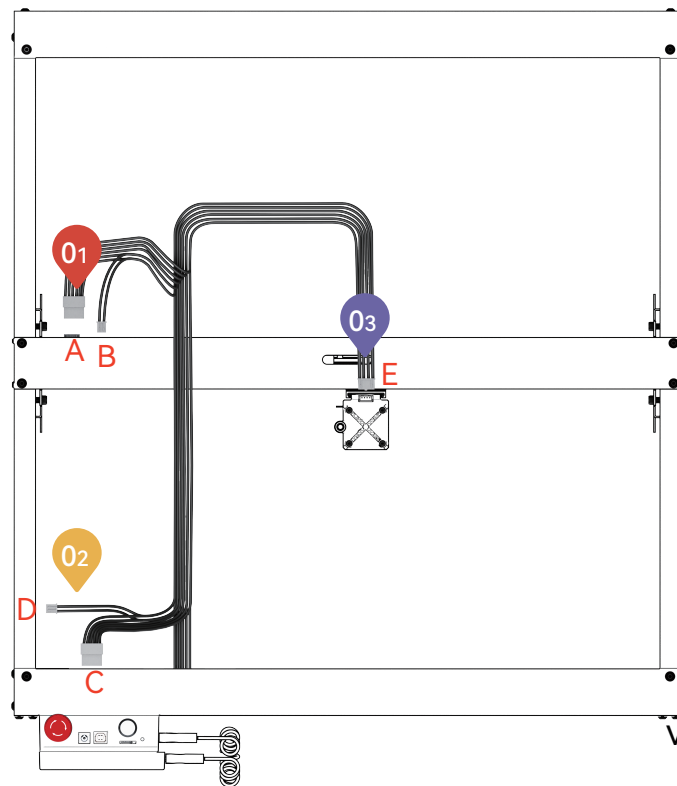
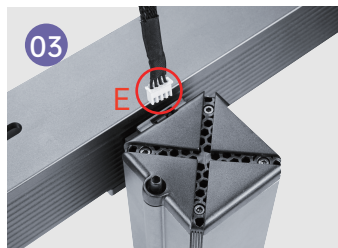
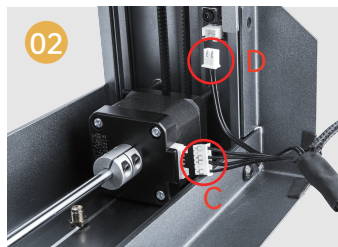
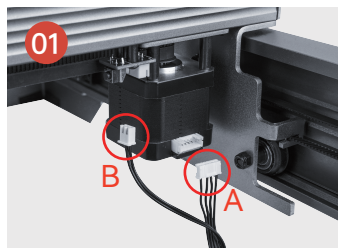


Schritt 5

Einbau von Ausrichtungsschnallen.

Schritt 6

Installieren Sie den Kabelbinder.



A/C: 6 Löcher sind mit dem mit dem Motor verbunden



E: 5 Löcher sind mit dem mit dem Lasermodul verbunden



B/D: 2 Löcher sind mit dem mit dem Endschalter

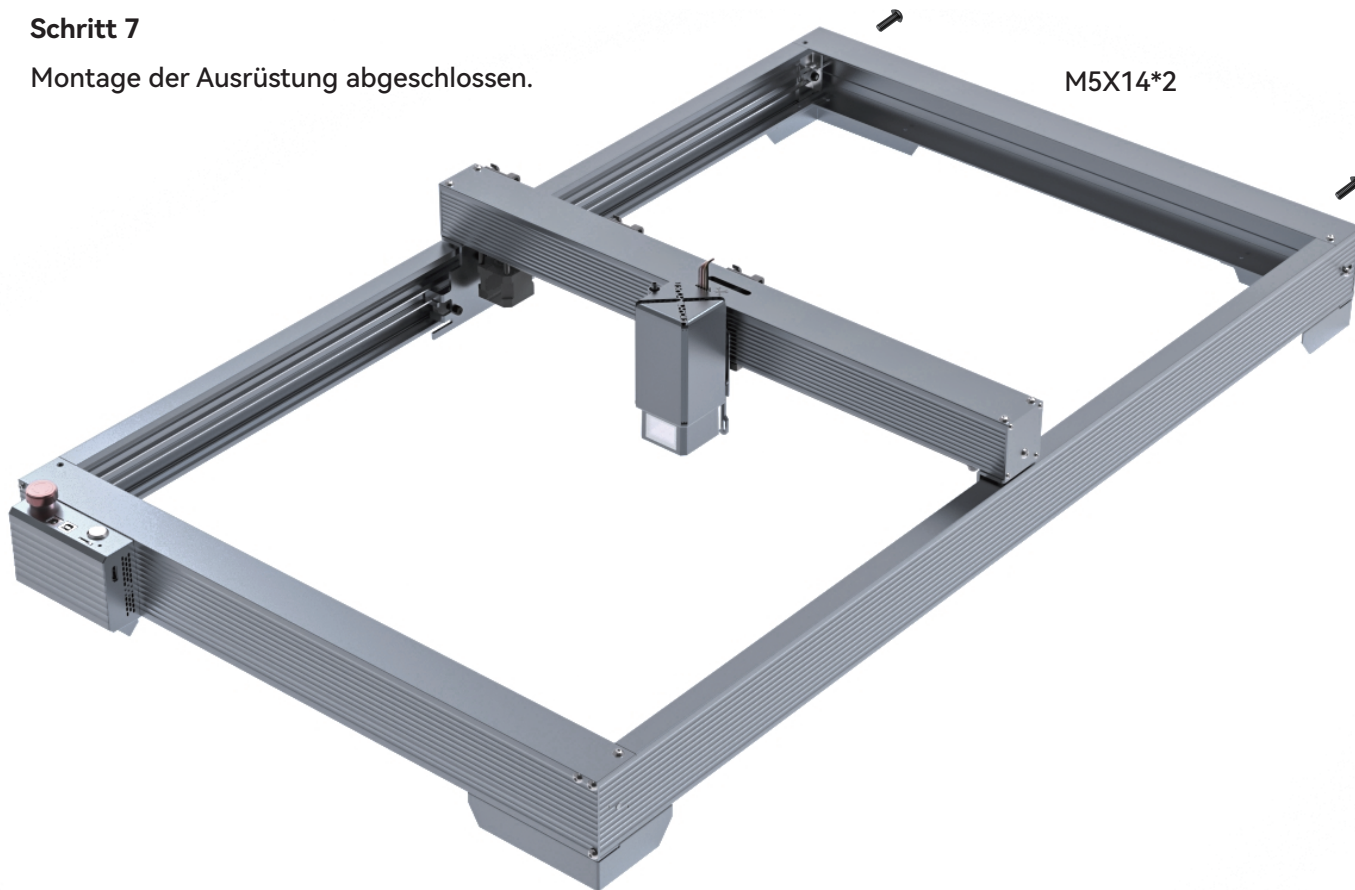


Achten Sie auf die Vorder- und Rückseite der Schnittstelle
Achten Sie auf das richtige Einsetzen

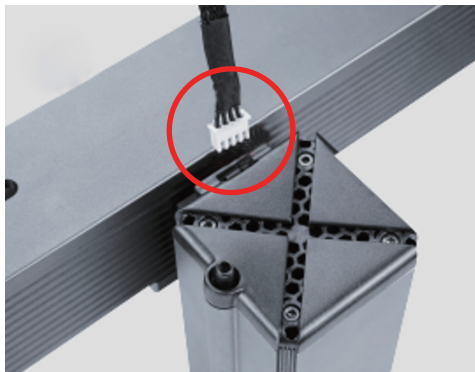
Schritt 7

Montage der Ausrüstung abgeschlossen.

M5X14*2



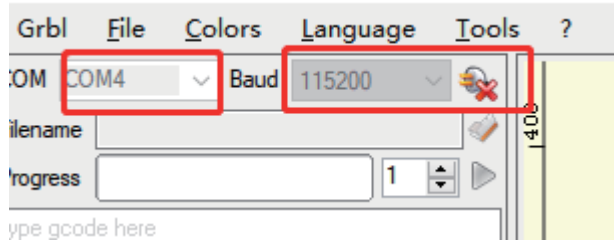
Note: If the original laser (except VL35 Laser) is used after replacing the motherboard connection line, please insert the 5PIN to 4PIN adapter line in the motherboard connection line as shown below, and then connect the original laser. After replacing with the original power adapter, the product can be used normally without replacing the original motherboard cable



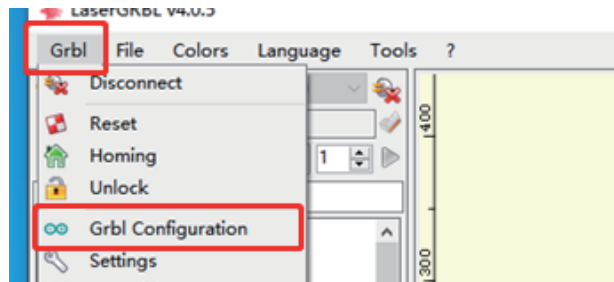
Setzen Sie 5PIN auf 4PIN Übertragungskabel ein

Verwendung von laserGRBL

1. Öffnen Sie die laserGRBLR-Software, den seriellen Anschluss der Maschine anschließen



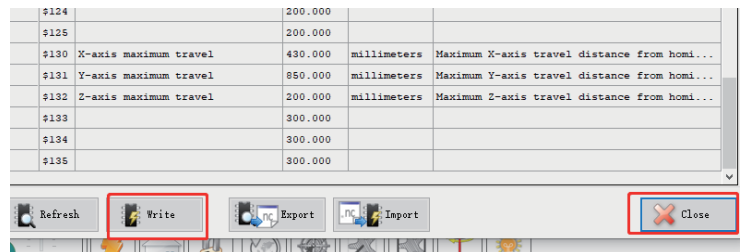
2. Konfiguration Grbl/Grbl auswählen



3. Ermitteln Sie den maximalen Verfahrensweg der Achse, Ändern Sie den Wert für den maximalen Verfahrensweg der Achse auf 850

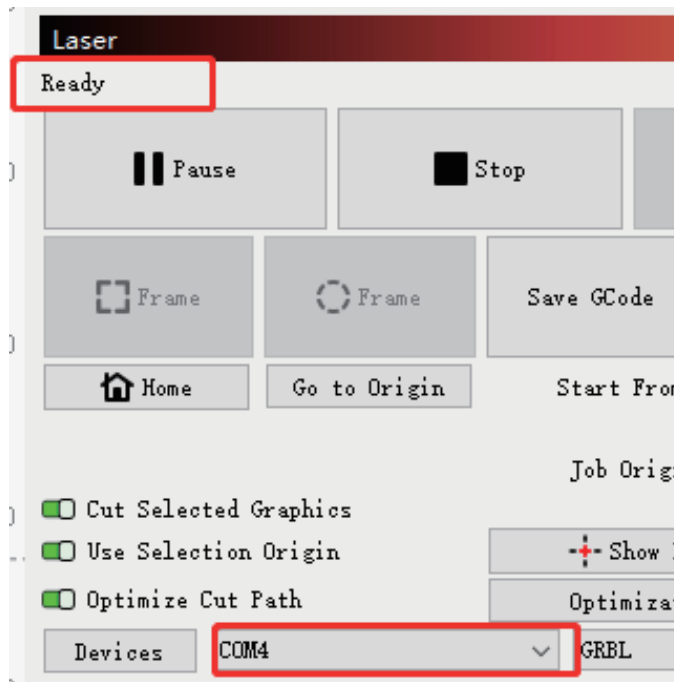
\$125		200.000	
\$130	X-axis maximum travel	430.000	millimeters
\$131	Y-axis maximum travel	850	millimeters
\$132	Z-axis maximum travel	200.000	millimeters
\$133		300.000	
\$134		300.000	

4. Klicken Sie auf Schreiben/Schließen

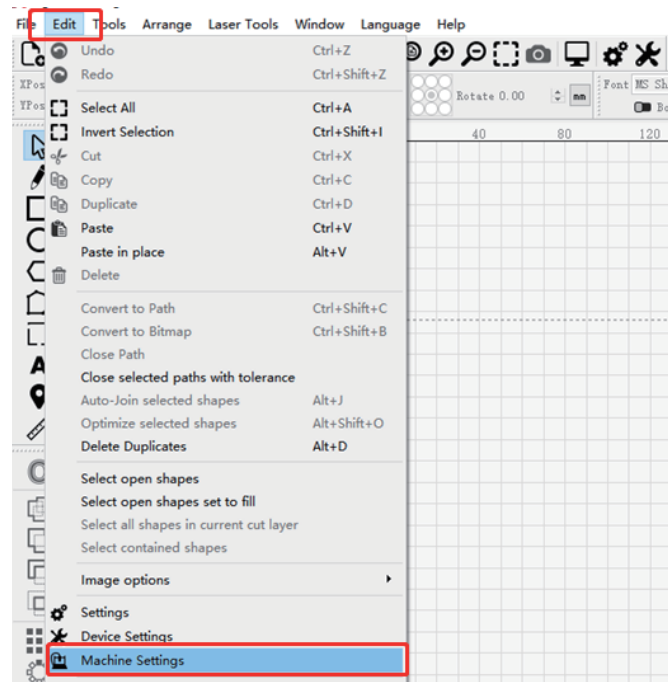


Verwendung von Lightburn

1. Schalten Sie Lightburn ein,
verbinden Sie den seriellen Anschluss



2. Öffnen Sie Bearbeiten/Maschine Einstellungen



Verwendung von Lightburn

3. Öffnen Sie das Setup der Ausgänge und suchen Sie Y Max Verfahrenweg(mm)(\$131) und ändern Sie ihn in 850

Laser mode enable (\$32)	☒ True
▼ Outputs setup	
Step pulse (microseconds) (\$0)	10
Step idle delay (ms) (\$1)	25
Step enable invert (\$4)	☐ False
Limit pins invert (\$5)	☒ True
Probe pin invert (\$6)	☐ False
X Step pin invert (\$2)	☐ False
X Direction pin invert (\$3)	☒ True
X Homing direction invert (\$23)	☒ True
X Steps per mm (\$100)	80.000
X Max rate (mm/min) (\$110)	20,000.000
X Acceleration (mm/sec^2) (\$120)	1,000.000
X Max travel (mm) (\$130)	430.000
Y Step pin invert (\$2)	☐ False
Y Direction pin invert (\$3)	☒ True
Y Homing direction invert (\$23)	☒ True
Y Steps per mm (\$101)	80.000
Y Max rate (mm/min) (\$111)	20,000.000
Y Acceleration (mm/sec^2) (\$121)	1,000.000
Y Max travel (mm) (\$131)	850.000
Z Step pin invert (\$2)	☐ False

Manuel d'instruction pour l'arbre d'extension KE-ATEZR 1094



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- ☒ Italiano
- ☒ Español



Version : 2.0

Liste des emballages



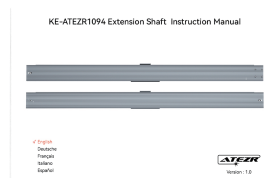
Accessoires D'extension



Rallonge électrique



Boucle de câble

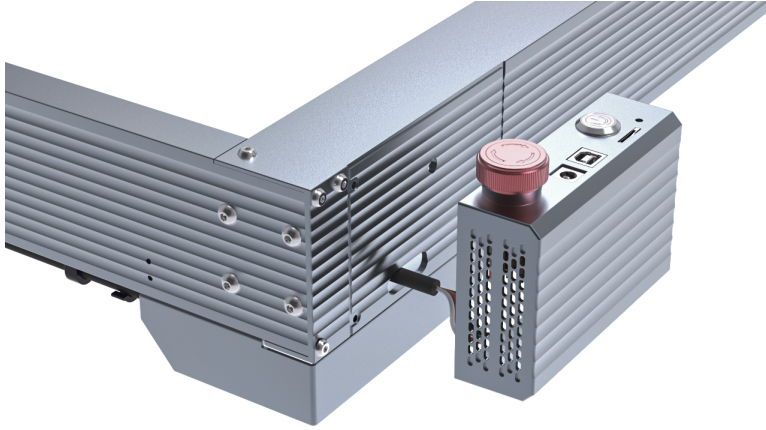


Manuel d'instruction



Ligne de transfert 5pin à 4pin

Étapes de l'installation

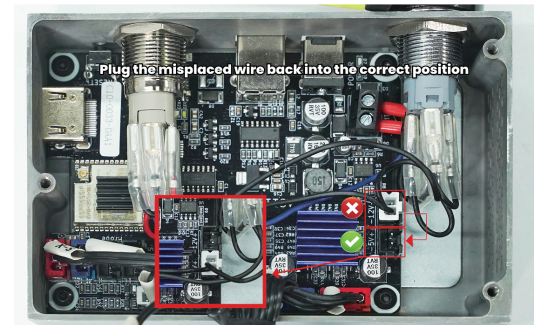


Étape 1

Retirez le câble de connexion de la carte mère le câble de connexion et le boîtier de commande.

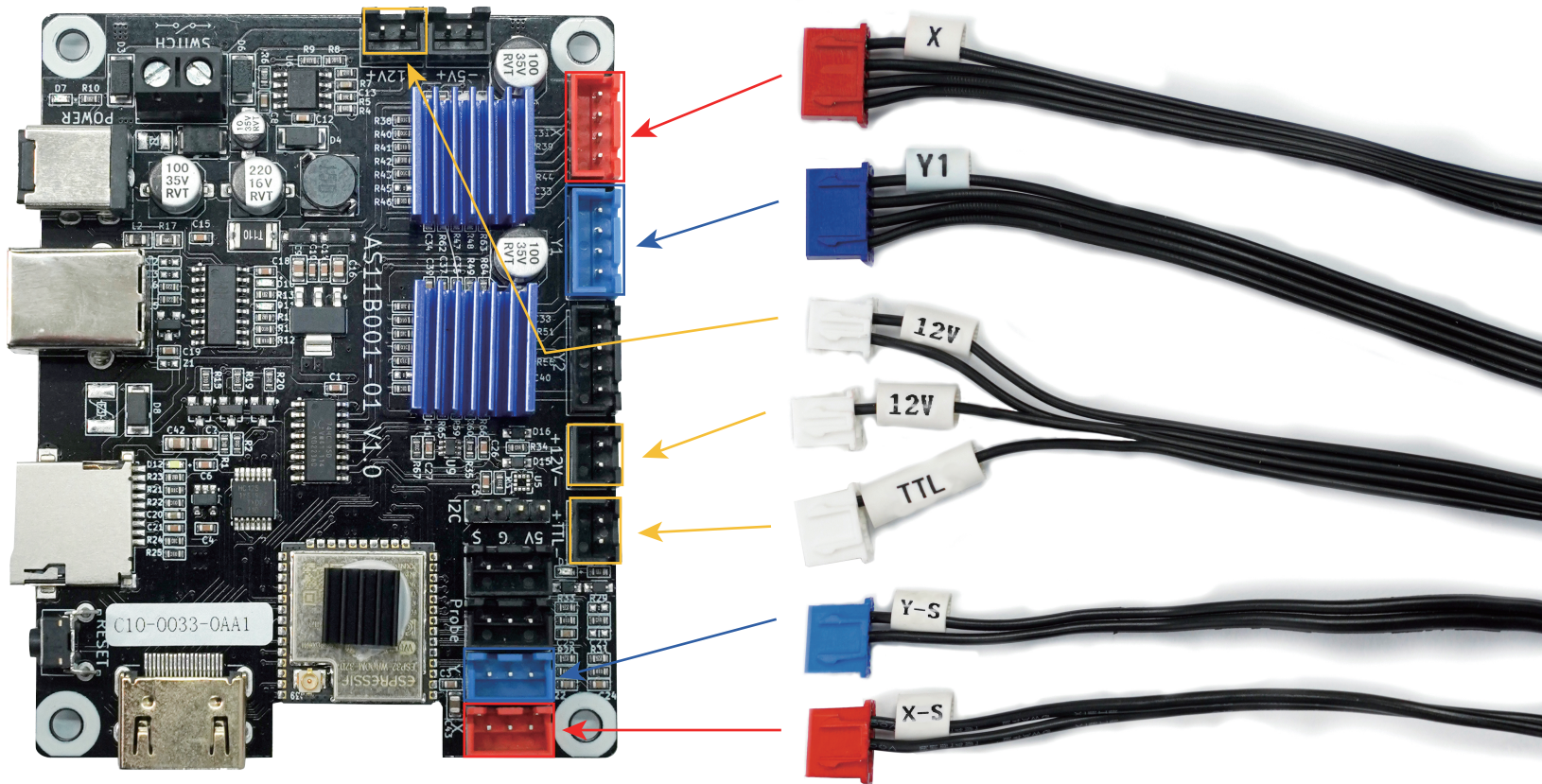
Étape 2

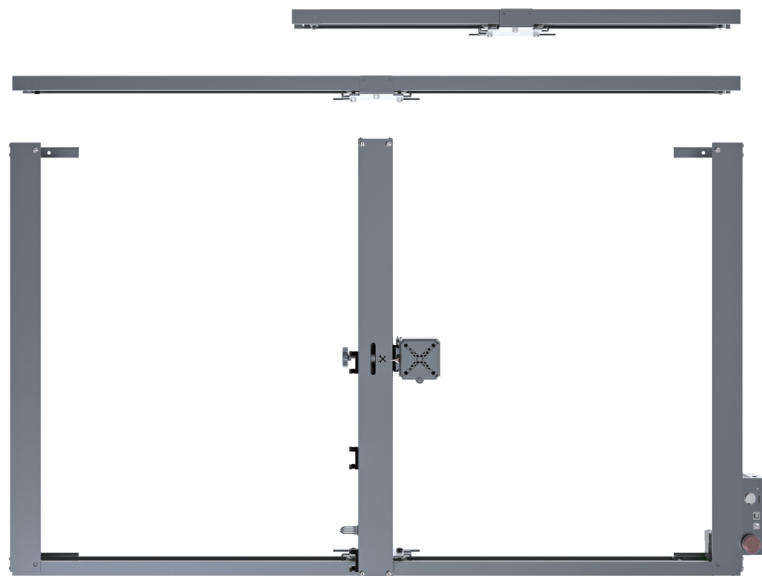
Vérifiez que le terminal d'alimentation de l'interrupteur d'arrêt d'urgence est correct, si ce n'est pas le cas, veuillez modifier la prise d'épingle d'insertion en suivant l'image ci - dessous



Étape 3

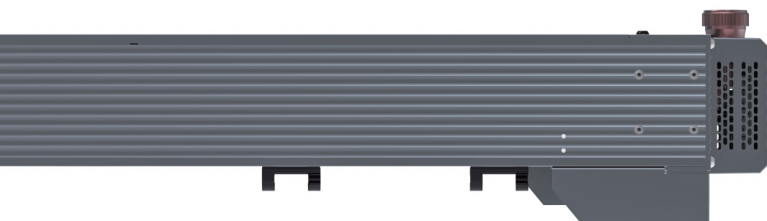
La figure suivante montre le remplacement du câble de connexion de la carte mère.





Étape 4

Remplacer l'assemblage de l'axe Y de l'équipement d'origine avec un arbre d'extension

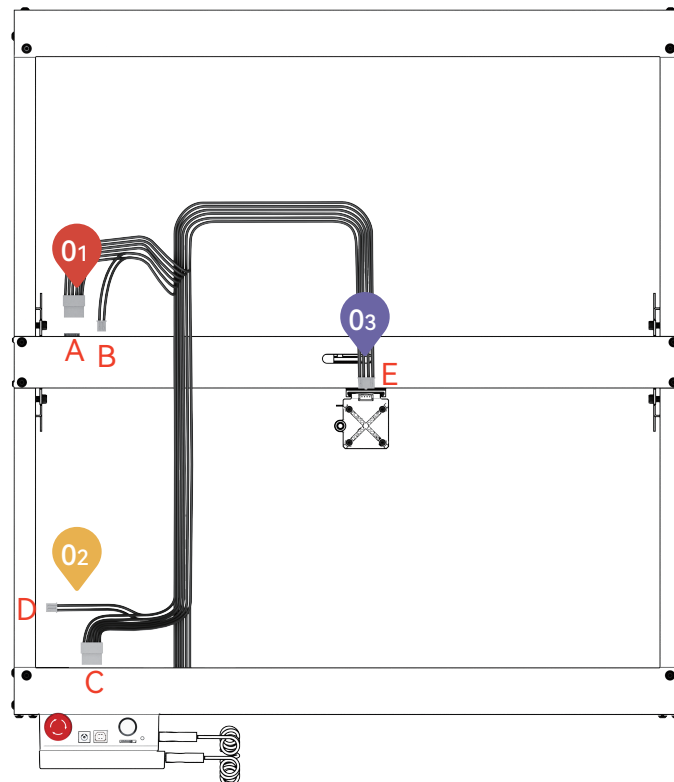
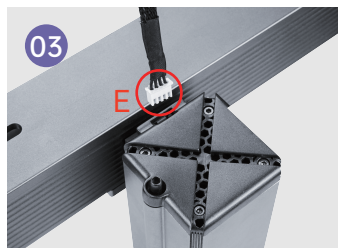
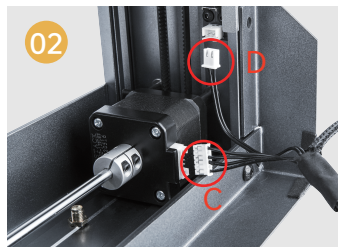
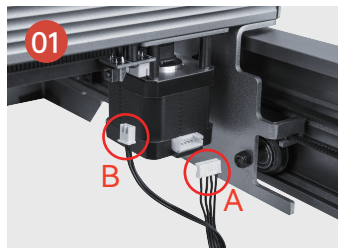


Étape 5

Installation des boucles d'alignement

Étape 6

Installer le serre-câble



A/C: 6 trous sont reliés
au moteur



E: 5 trous sont reliés
au module laser



B/D: 2 trous sont connectés
à l'interrupteur de fin de course

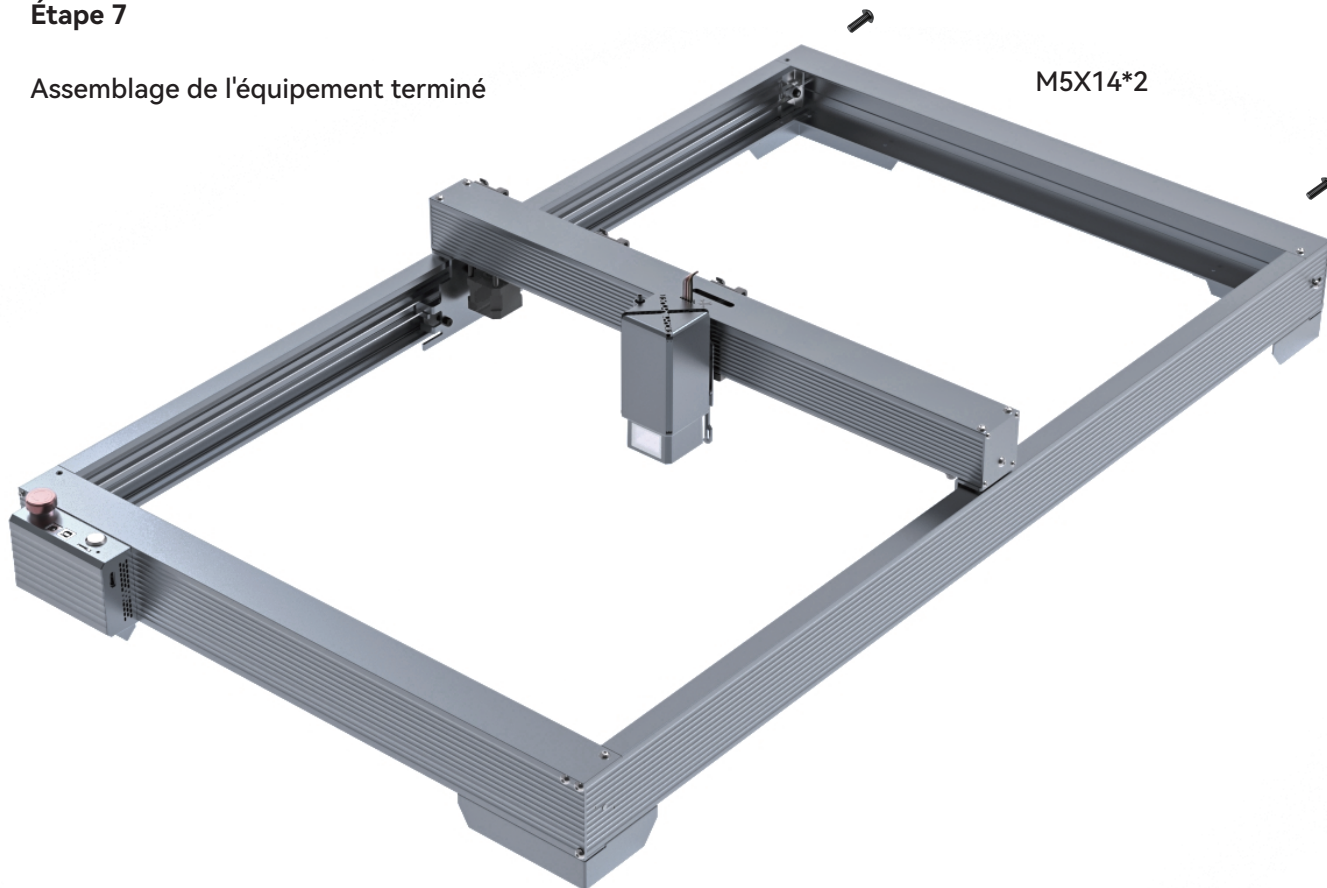


Faites attention à l'avant
l'avant et l'arrière de l'interface.
Veillez à l'insérer correctement.

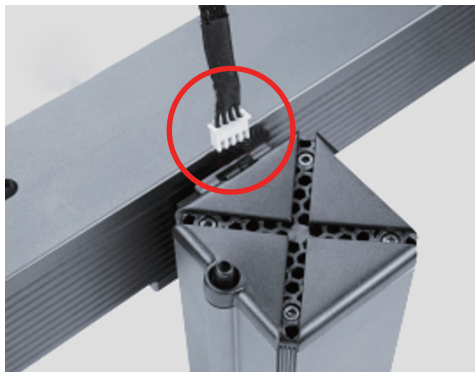
Étape 7

Assemblage de l'équipement terminé

M5X14*2



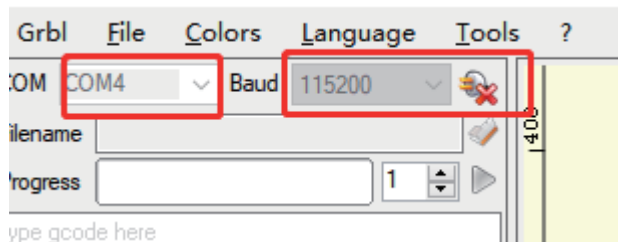
Remarque: après avoir remplacé le cordon de connexion de la carte mère, si vous utilisez le laser d'origine (à l'exception du laser vl35), suivez l'image ci - dessous pour insérer un cordon de transfert de 5pin à 4pin sur le cordon de connexion de la carte mère et accéder au laser d'origine. Et après avoir remplacé l'adaptateur d'alimentation d'origine, il n'est plus nécessaire de remplacer le câble de connexion de la carte mère d'origine, le produit peut être utilisé



Branchez le cordon de transfert de 5pin à 4pin

Utilisation de laserGRBL

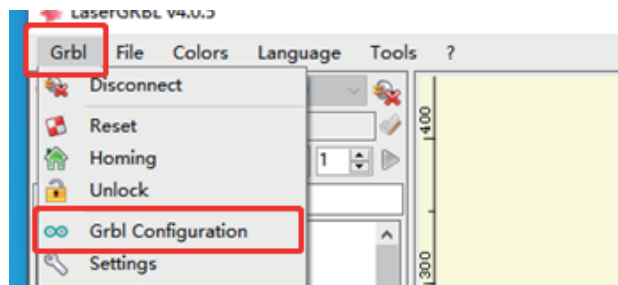
1. ouvrir le logiciel laserGRBLR,
connecter le port série de la machine



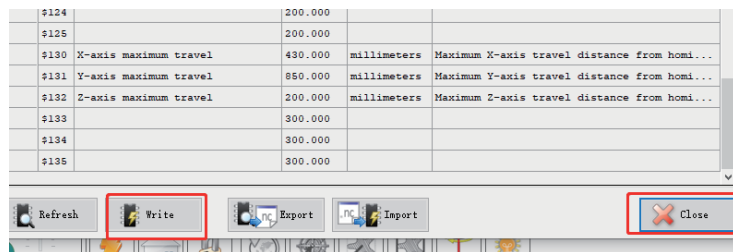
3. Find axis-maximum travel,
change the value of axis-maximum travel to 850

\$125		200.000	
\$130	X-axis maximum travel	430.000	millimeters
\$131	Y-axis maximum travel	850	millimeters
\$132	Z-axis maximum travel	200.000	millimeters
\$133		300.000	
\$134		300.000	

2. Sélectionner la configuration Grbl/Grbl

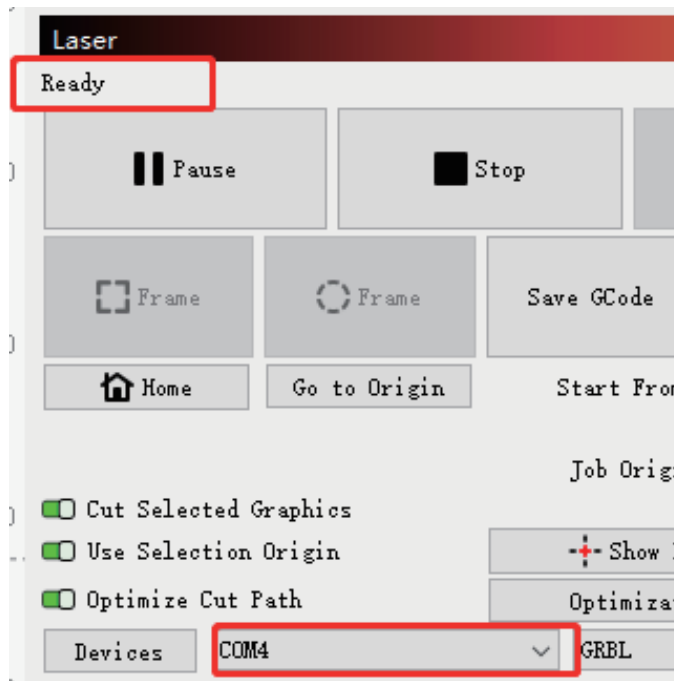


4. Cliquez sur Writ/Close

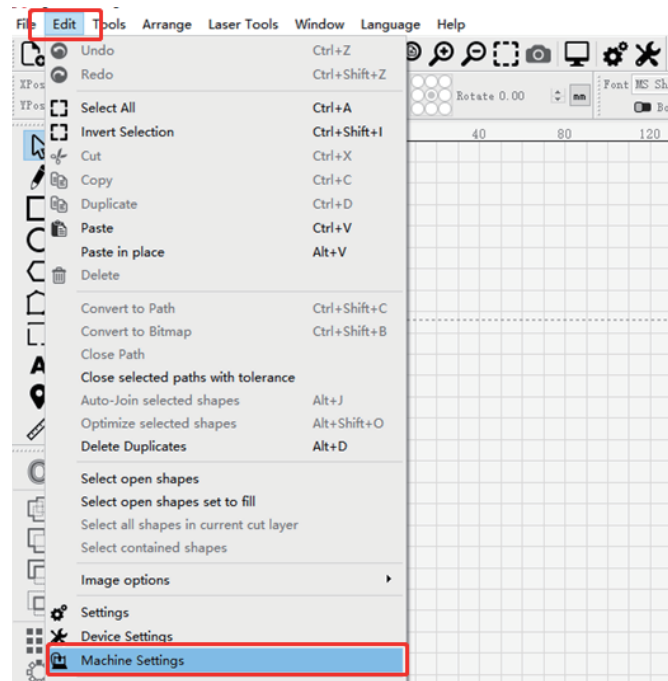


Utilisation de Lightburn

1. Allumez Lightburn, connectez le port série



2. Ouvrir Edit/Machine Paramètres



Utilisation de Lightburn

3. Ouvrez la configuration des sorties et trouvez Y Max (mm)(\$131) et changez-le en 850

Laser mode enable (\$32)	☒ True
▼ Outputs setup	
Step pulse (microseconds) (\$0)	10
Step idle delay (ms) (\$1)	25
Step enable invert (\$4)	☐ False
Limit pins invert (\$5)	☒ True
Probe pin invert (\$6)	☐ False
X Step pin invert (\$2)	☐ False
X Direction pin invert (\$3)	☒ True
X Homing direction invert (\$23)	☒ True
X Steps per mm (\$100)	80.000
X Max rate (mm/min) (\$110)	20,000.000
X Acceleration (mm/sec^2) (\$120)	1,000.000
X Max travel (mm) (\$130)	430.000
Y Step pin invert (\$2)	☐ False
Y Direction pin invert (\$3)	☒ True
Y Homing direction invert (\$23)	☒ True
Y Steps per mm (\$101)	80.000
Y Max rate (mm/min) (\$111)	20,000.000
Y Acceleration (mm/sec^2) (\$121)	1,000.000
Y Max travel (mm) (\$131)	850.000
Z Step pin invert (\$2)	☐ False

Manuale di istruzioni dell'albero di prolunga KE-ATEZR 1094



- ☒ English
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- ☒ Italiano
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Version : 2.0

Elenco degli imballaggi



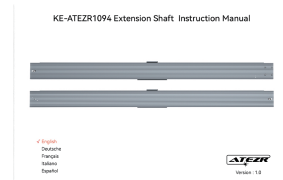
Accessori Di Estensione



Extension cord



Cable buckle



Instruction manual

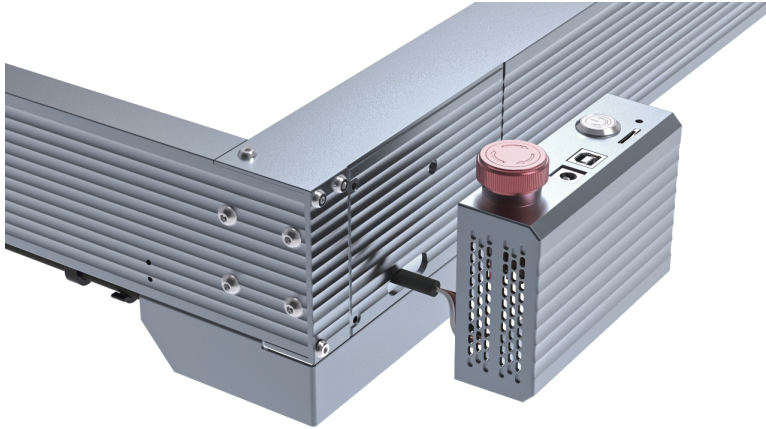


M5X14*2



Linea di trasferimento da 5PIN a 4PIN

Fasi di installazione

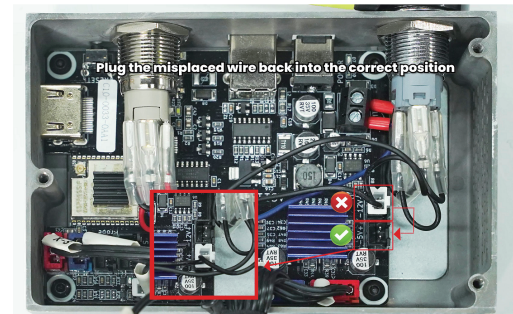


Passo 1

Rimuovere il cavo di collegamento della scheda madre cavo di collegamento e la scatola di controllo.

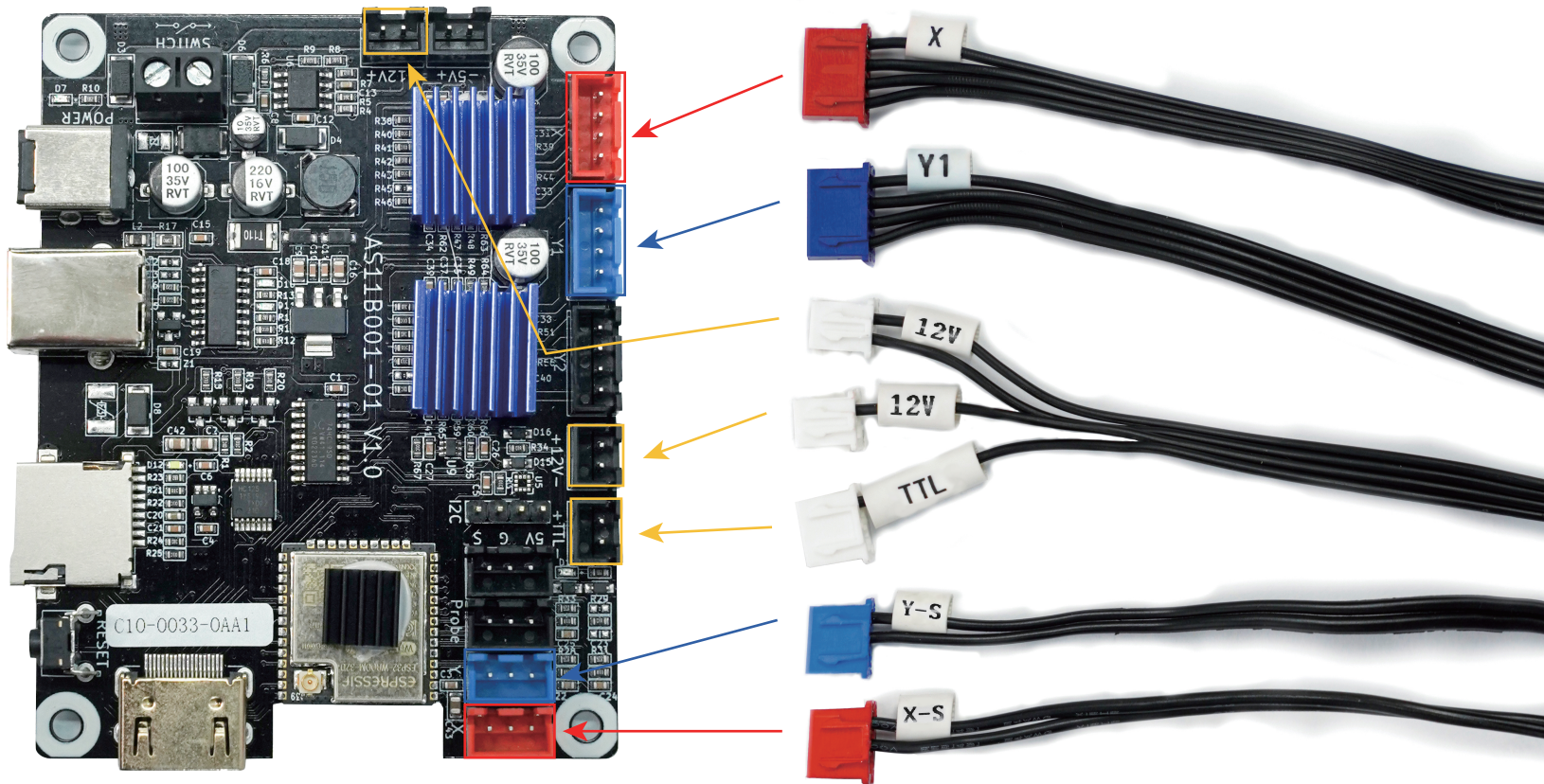
Passo 2

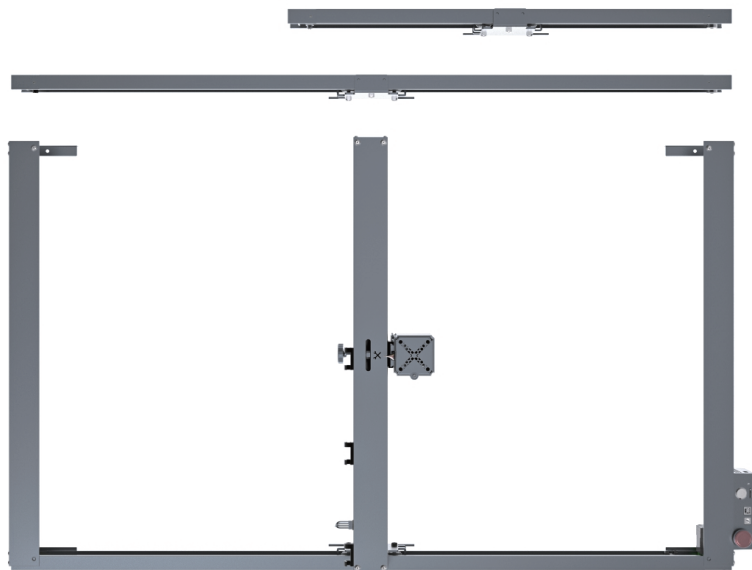
Verificare se il terminale di alimentazione dell'interruttore di arresto di emergenza è corretto. In caso contrario, modificare l'inserimento della base dell'ago secondo la figura seguente



Passo 3

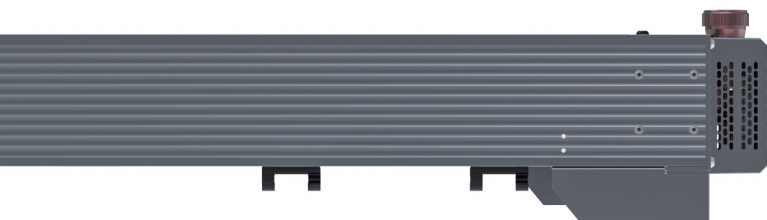
La figura seguente mostra la sostituzione del cavo di collegamento della scheda madre





Passo 4

Sostituire il gruppo dell'asse Y
dell'apparecchiatura originale con
un albero di prolunga

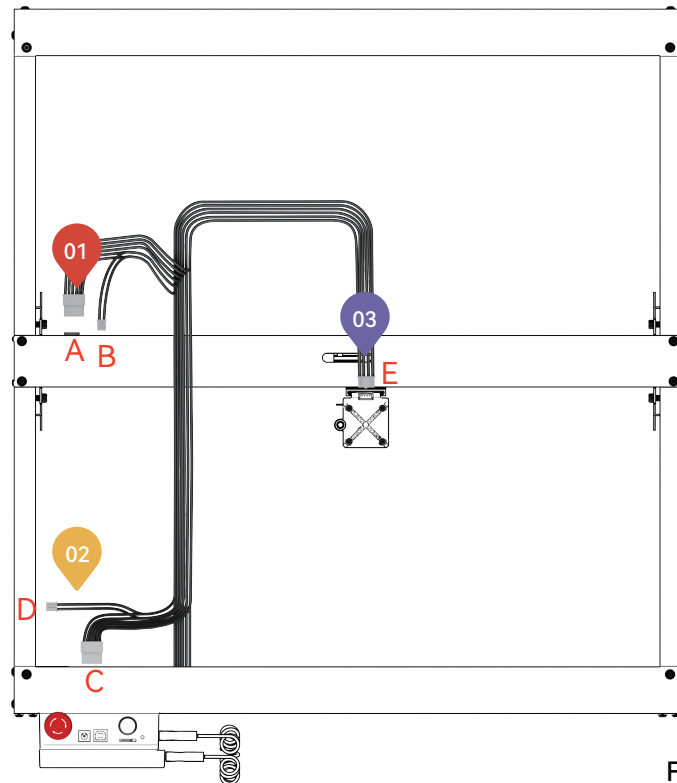
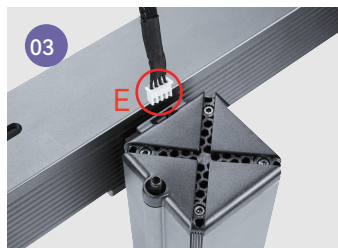
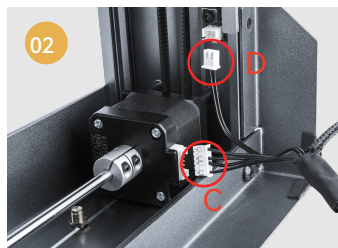
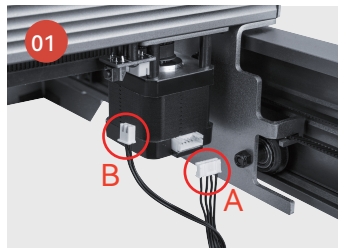


Passo 5

Installazione delle fibbie di allineamento

Passo 6

Installare la fascetta



A/C: 6 fori sono collegati
al motore



E: 5 fori sono collegati
al modulo laser



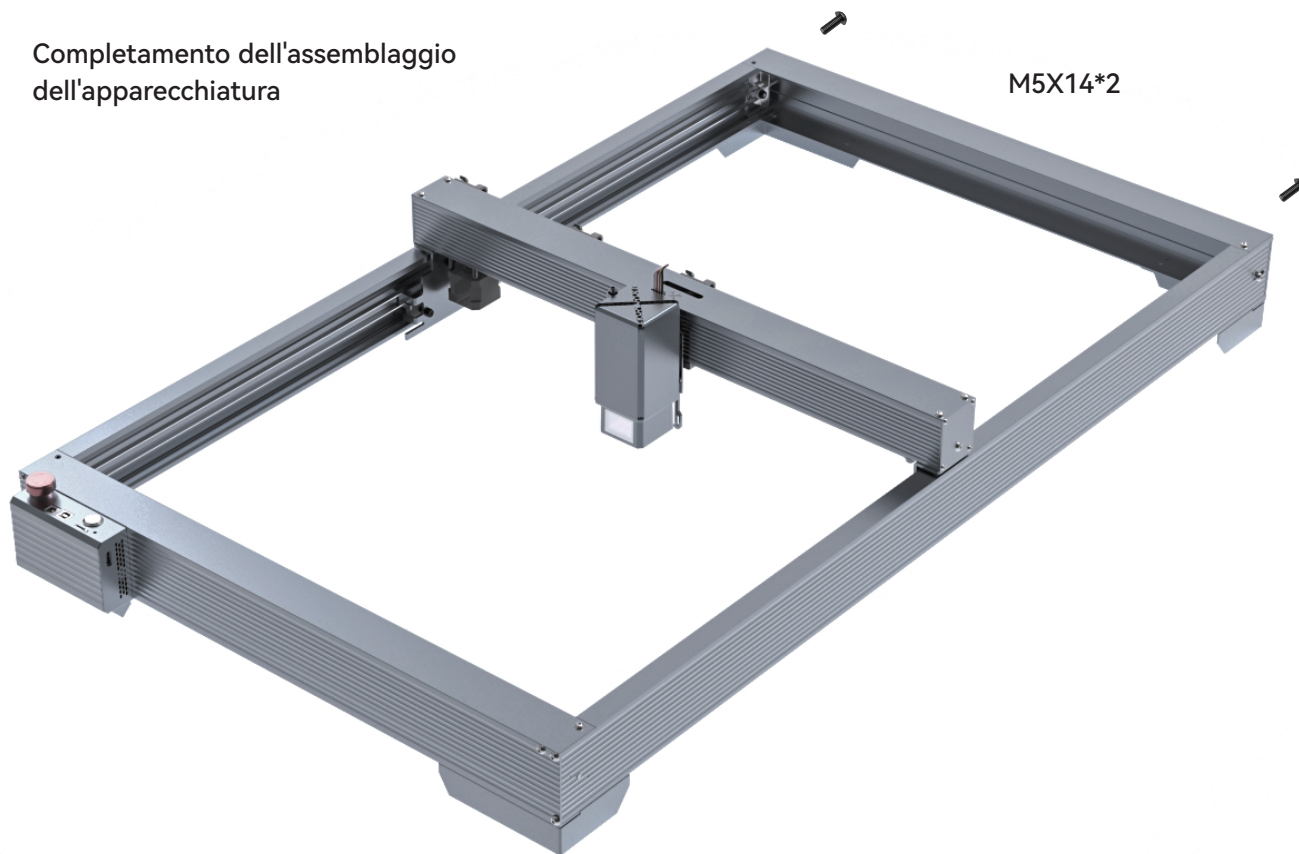
B/D: 2 fori sono collegati
al finecorsa



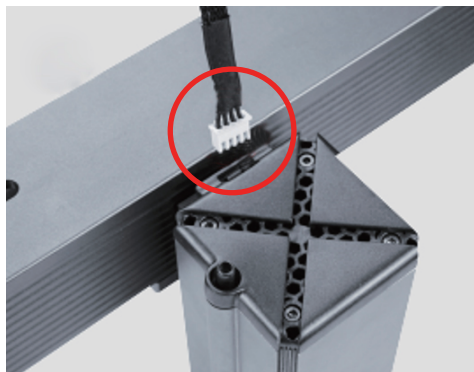
Prestare attenzione alla
anteriore e posteriore dell'interfaccia.
Fare attenzione al corretto inserimento.

Passo 7

Completamento dell'assemblaggio
dell'apparecchiatura



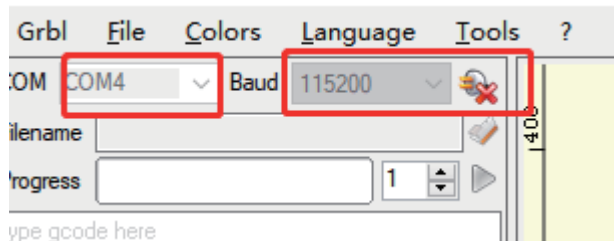
Nota: Se il laser originale (eccetto VL35 Laser) viene utilizzato dopo aver sostituito il cavo di collegamento della scheda principale, inserire il cavo adattatore nel cavo di collegamento della scheda principale come mostrato nella figura sottostante e quindi collegare il laser originale. Dopo la sostituzione con l'adattatore di alimentazione originale, il prodotto può essere utilizzato normalmente senza sostituire il cavo della scheda madre originale



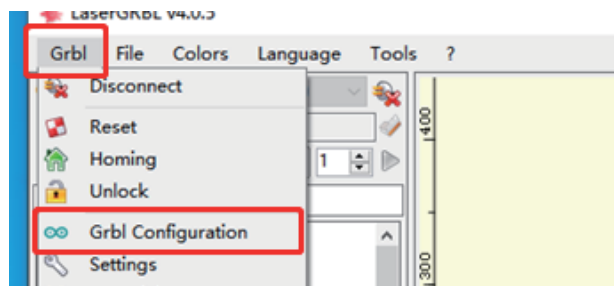
Inserire la linea di trasferimento da 5PIN a 4PIN

Utilizzo di laserGRBL

1. aprire il software laserGRBLR,
collegare la porta seriale della macchina



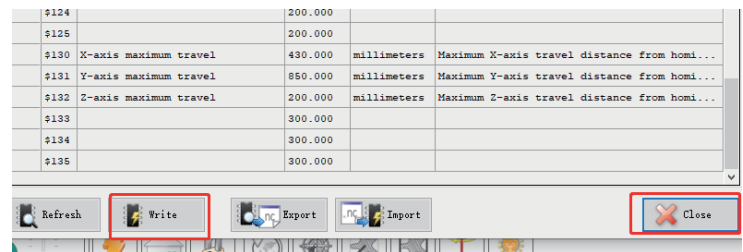
2. Selezionare la configurazione Grbl/Grbl



3. Trovare la corsa massima dell'asse,
modificare il valore della corsa massima dell'asse a 850

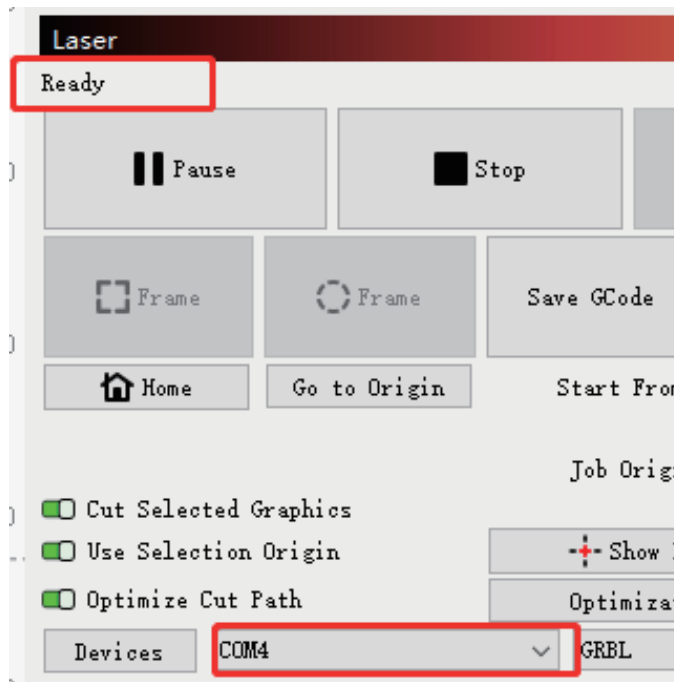
\$125		200.000	
\$130	X-axis maximum travel	430.000	millimeters
\$131	Y-axis maximum travel	850	millimeters
\$132	Z-axis maximum travel	200.000	millimeters
\$133		300.000	
\$134		300.000	

4. Fare clic su Scrivi/Chiudi

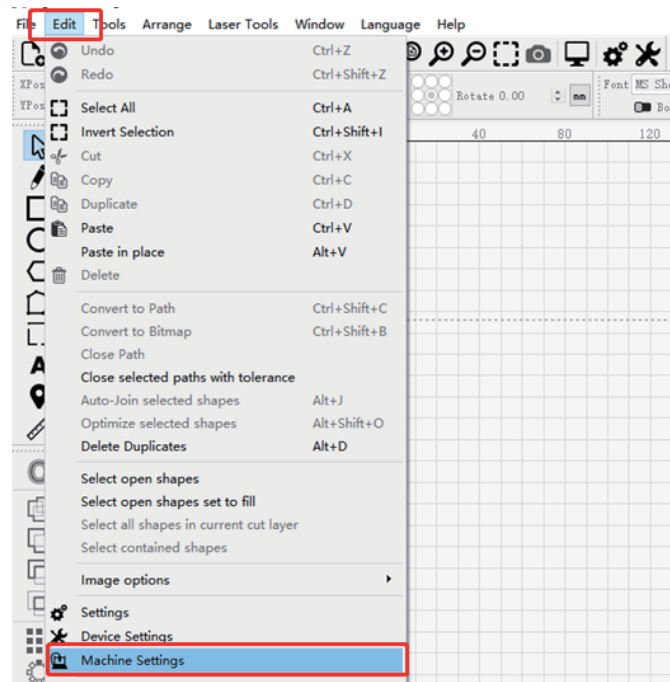


Utilizzo di Lightburn

1. Accendere Lightburn, collegare la porta seriale



2. Open Edit/Machine Settings



Utilizzo di Lightburn

3. Aprire la configurazione delle uscite e trovare la corsa Y Max (mm)(\$131) e modificarlo in 850

Laser mode enable (\$32)	☒ True
▼ Outputs setup	
Step pulse (microseconds) (\$0)	10
Step idle delay (ms) (\$1)	25
Step enable invert (\$4)	☐ False
Limit pins invert (\$5)	☒ True
Probe pin invert (\$6)	☐ False
X Step pin invert (\$2)	☐ False
X Direction pin invert (\$3)	☒ True
X Homing direction invert (\$23)	☒ True
X Steps per mm (\$100)	80.000
X Max rate (mm/min) (\$110)	20,000.000
X Acceleration (mm/sec^2) (\$120)	1,000.000
X Max travel (mm) (\$130)	430.000
Y Step pin invert (\$2)	☐ False
Y Direction pin invert (\$3)	☒ True
Y Homing direction invert (\$23)	☒ True
Y Steps per mm (\$101)	80.000
Y Max rate (mm/min) (\$111)	20,000.000
Y Acceleration (mm/sec^2) (\$121)	1,000.000
Y Max travel (mm) (\$131)	850.000
Z Step pin invert (\$2)	☐ False

KE-ATEZR 1094 Eje de extensión Manual de instrucciones



- ☒ English
- ☒ Deutsche
- ☒ Français
- ☒ Italiano
- ☒ Español



Version : 2.0

Lista de envases



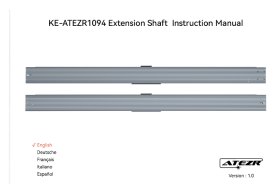
Accesorios De Extensión



Cable alargador



Hebilla de cable



Manual de instrucciones

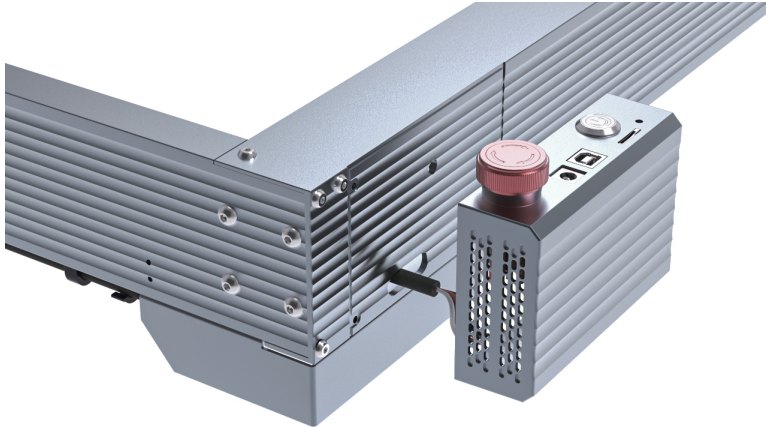


M5X14*2



Línea de transferencia de 5pin a 4pin

Pasos de la instalación

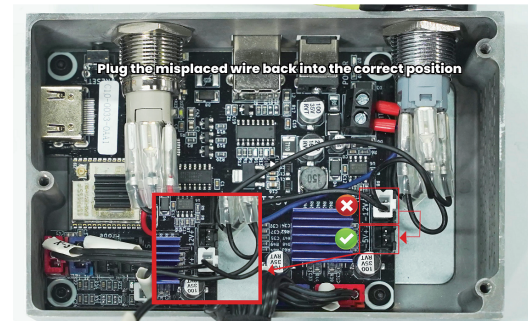


Paso 1

Retire la placa base
el cable de conexión y la caja de control.

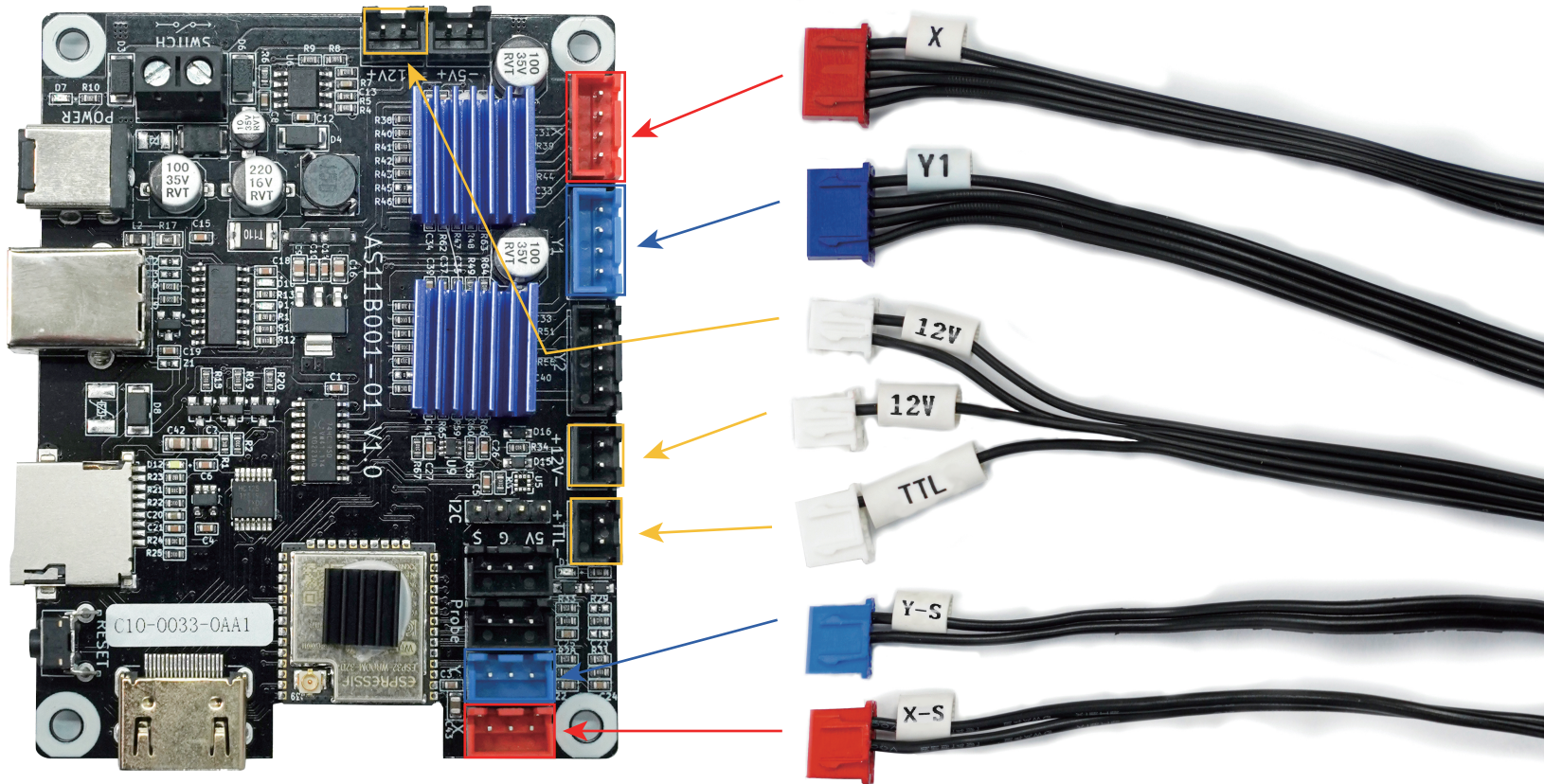
Paso 2

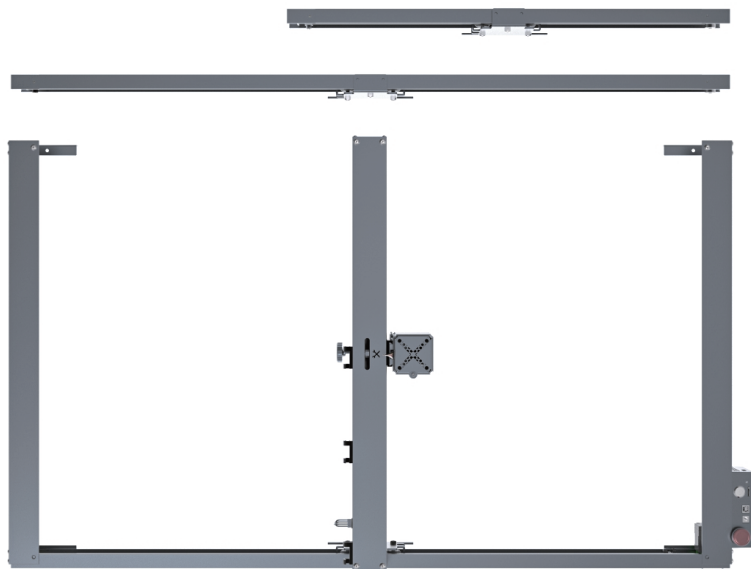
Compruebe si el terminal de suministro
de energía del interruptor de parada de emergencia
es correcto. si no es correcto, cambie el asiento
de la aguja de inserción de acuerdo
con la siguiente imagen.



Paso 3

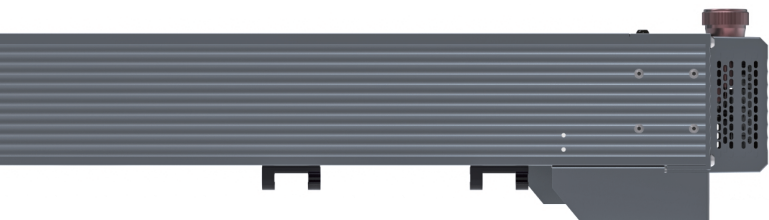
La siguiente figura muestra la sustitución del cable de conexión de la placa base





Paso 4

Sustituya el conjunto del eje Y del equipo original por un eje de extensión

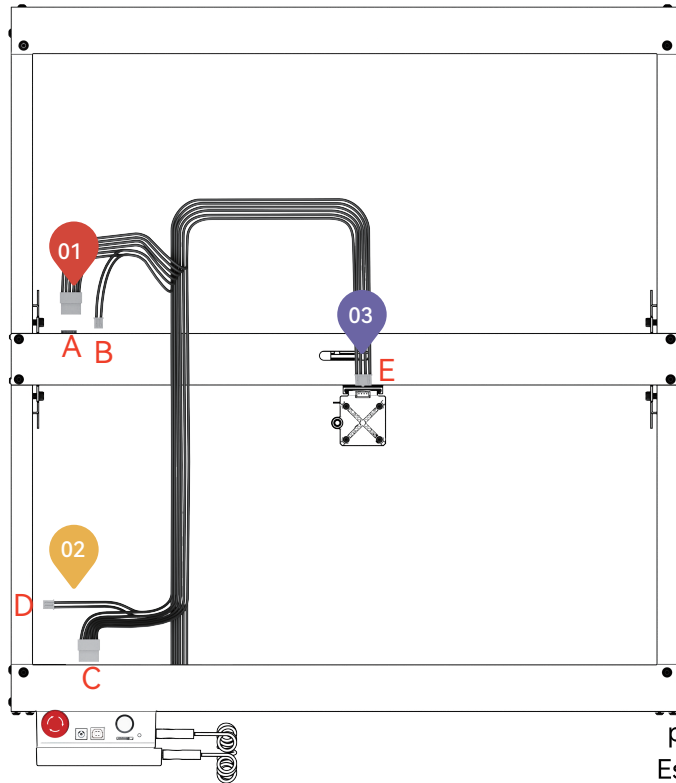
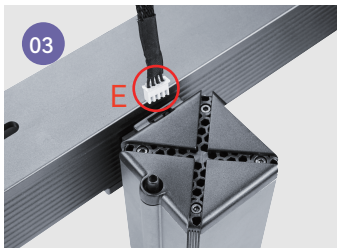
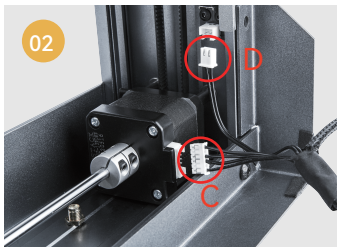
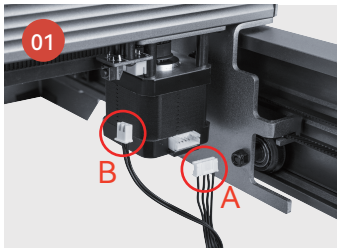


Paso 5

Instalación de hebillas de alineación

Paso 6

Instale el sujetacables



A/C: 6 orificios están conectados al motor



E: 5 orificios están conectados al módulo láser



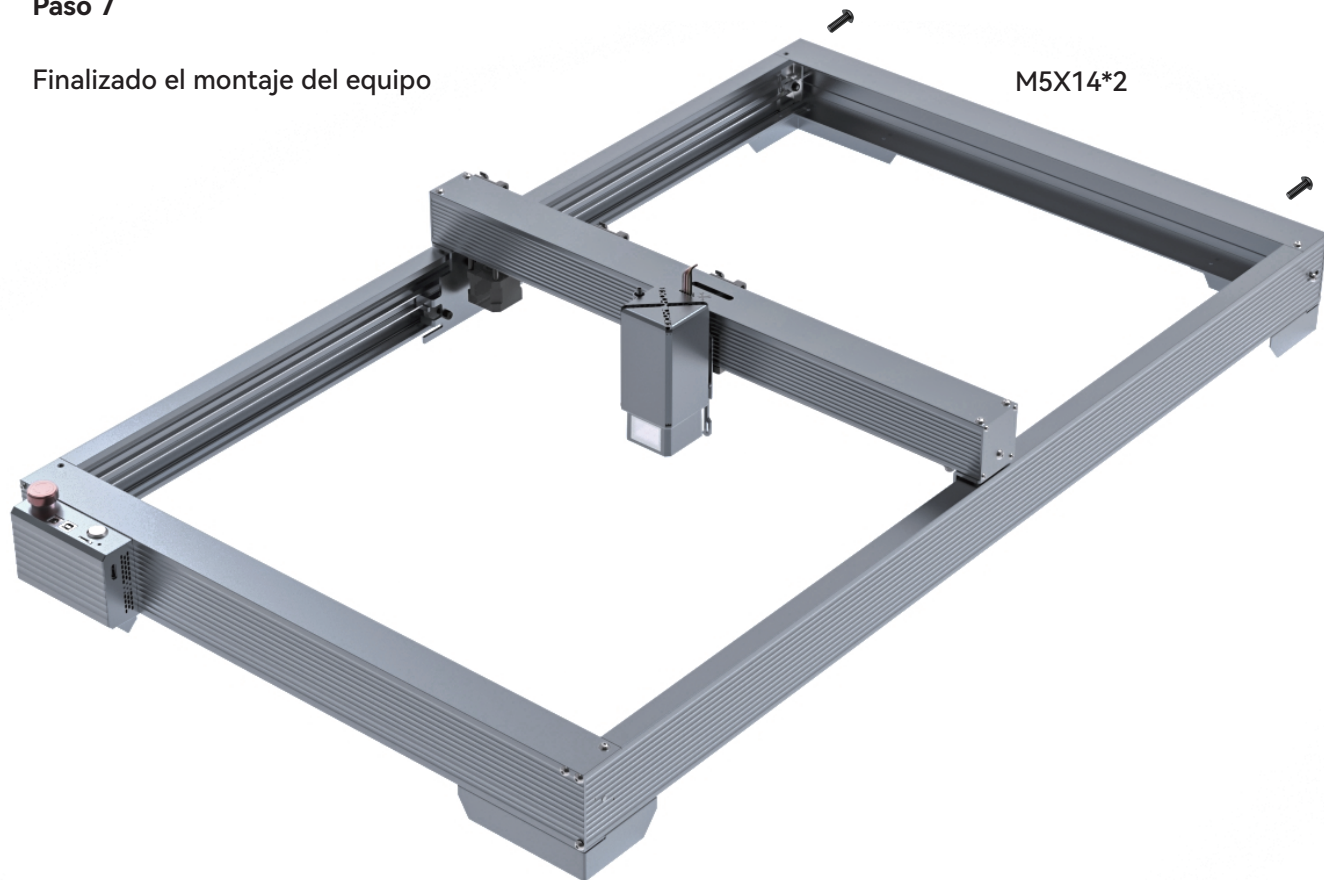
B/D: 2 holes are connected to the limit switch



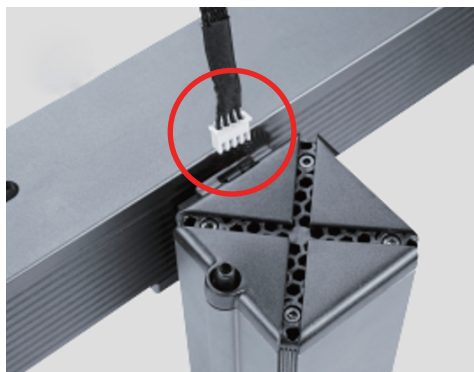
Preste atención a la parte delantera y trasera de la interfaz. Esté atento para insertar correctamente.

Paso 7

Finalizado el montaje del equipo



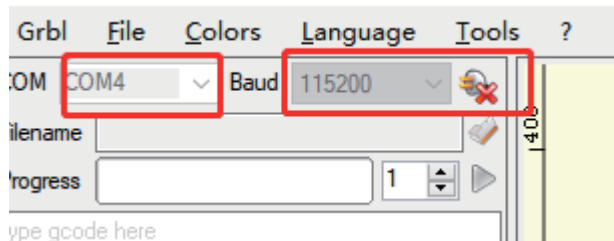
Nota: después de reemplazar el cable de conexión de la placa base, si se utiliza el láser original (excepto el láser v135), haga clic en la siguiente imagen para insertar el cable de transferencia en el cable de conexión de la placa base y luego acceda al láser original. Después de reemplazar el conector de alimentación original, no es necesario reemplazar el cable de conexión original de la placa base, y el producto se puede usar normalmente.



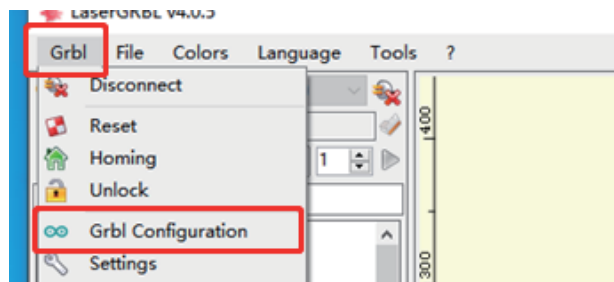
Insertar el cable de transferencia de 5pin a 4pin

Utilización de laserGRBL

1. abrir el software laserGRBLR,
conecte el puerto serie de la máquina



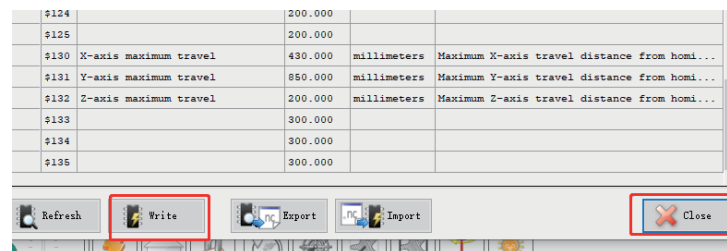
2. Seleccione la configuración Grbl/Grbl



3. Encontrar el recorrido máximo del eje,
cambiar el valor del recorrido máximo del eje a 850

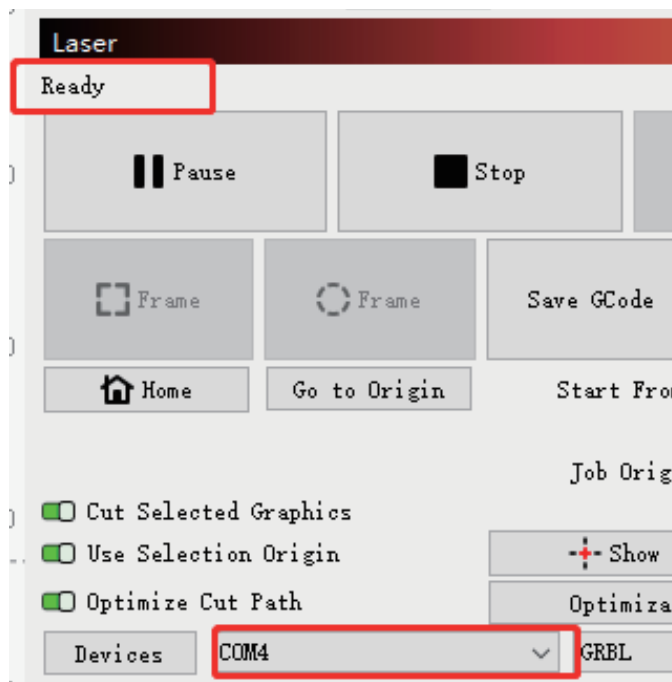
\$125		200.000	
\$130	X-axis maximum travel	430.000	millimeters
\$131	Y-axis maximum travel	850	millimeters
\$132	Z-axis maximum travel	200.000	millimeters
\$133		300.000	
\$134		300.000	

4. Haga clic en Escribir/Cerrar

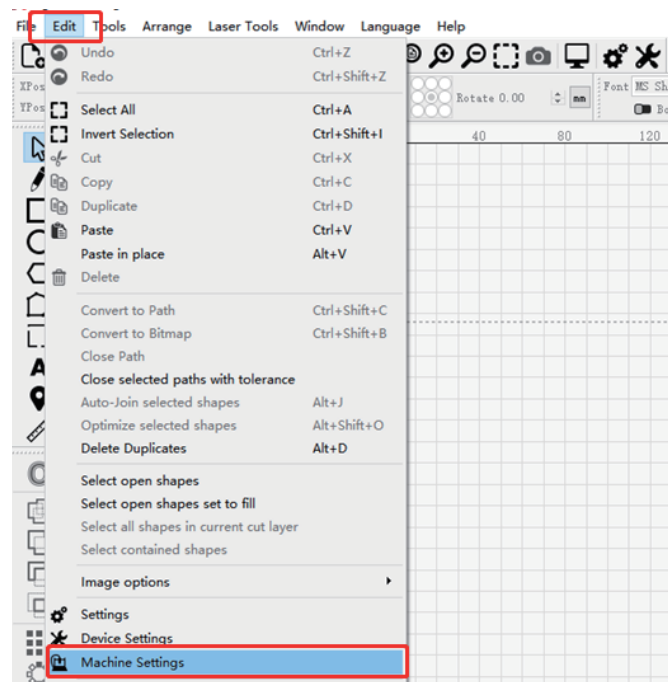


Utilización de Lightburn

1. Encienda lightburn, conecte el puerto serie



2. Abrir Edición/Máquina Configuración



Utilización de Lightburn

3. Abrir configuración de salidas y encontrar Y Max (mm)(\$131) y cámbialo a 850

Laser mode enable (\$32)	☒ True
▼ Outputs setup	
Step pulse (microseconds) (\$0)	10
Step idle delay (ms) (\$1)	25
Step enable invert (\$4)	☐ False
Limit pins invert (\$5)	☒ True
Probe pin invert (\$6)	☐ False
X Step pin invert (\$2)	☐ False
X Direction pin invert (\$3)	☒ True
X Homing direction invert (\$23)	☒ True
X Steps per mm (\$100)	80.000
X Max rate (mm/min) (\$110)	20,000.000
X Acceleration (mm/sec^2) (\$120)	1,000.000
X Max travel (mm) (\$130)	430.000
Y Step pin invert (\$2)	☐ False
Y Direction pin invert (\$3)	☒ True
Y Homing direction invert (\$23)	☒ True
Y Steps per mm (\$101)	80.000
Y Max rate (mm/min) (\$111)	20,000.000
Y Acceleration (mm/sec^2) (\$121)	1,000.000
Y Max travel (mm) (\$131)	850.000
Z Step pin invert (\$2)	☐ False



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Customer Service Email: service@atezr.com

PR Email Address: pr@atezr.com

Phone: 1 (800) 965-9612

TI · Servicio al Cliente:

Sitio web oficial: <http://atezr.com>

Correo electrónico de atención al

cliente: service@atezr.com

Dirección de correo electrónico de relaciones

públicas: pr@atezr.com

Teléfono: 1 (800) 965-9612

EN · Scanner APPLICATION:

QR code reader/ Barcode scanner or any APP with scanner

DE · Scanner ANWENDUNG:

QR-Code-Leser / Barcode-Scanner oder jede APP mit Scanner

FR · APPLICATIONS du scanneur :

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TI · APPLICAZIONE dello scanner:

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DE · Kundendienst:

Offizielle Website: <http://atezr.com>

Kundendienst-E-Mail: service@atezr.com

PR-E-Mail-Adresse: pr@atezr.com

Telefon: 1 (800) 965-9612

ES · Asistencia clienti:

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E-mail del servizio clienti: service@atezr.com

Indirizzo e-mail PR: pr@atezr.com

Teléfono: 1 (800) 965-9612

FR · Service Clients:

Site officiel : <http://atezr.com>

Courriel du service à la clientèle : service@atezr.com

Adresse e-mail RP : pr@atezr.com

Téléphone : 1 (800) 965-9612

ES · APLICACIÓN del escáner:

Lector de código QR/escáner de código de barras o cualquier aplicación con escáner

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