

CREALITY

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CR-10 Smart



CR-10 Smart

# 3D Printer User Manual

FR DE IT ES EN

V1.0

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## Chers consommateurs,

Nous vous remercions d'avoir choisi notre produit. Pour une expérience optimale, veuillez lire les instructions avant d'utiliser l'imprimante. Nos équipes seront toujours prêtes à vous rendre les meilleurs services.

Veuillez nous contacter via le numéro de téléphone ou l'adresse e-mail fournis en dernier lorsque vous rencontrez un problème avec l'imprimante. Pour une meilleure expérience d'utilisation de notre produit, vous pouvez également apprendre à utiliser l'imprimante de la manière suivante :

Voir les instructions et les vidéos accompagnées dans la carte de stockage.

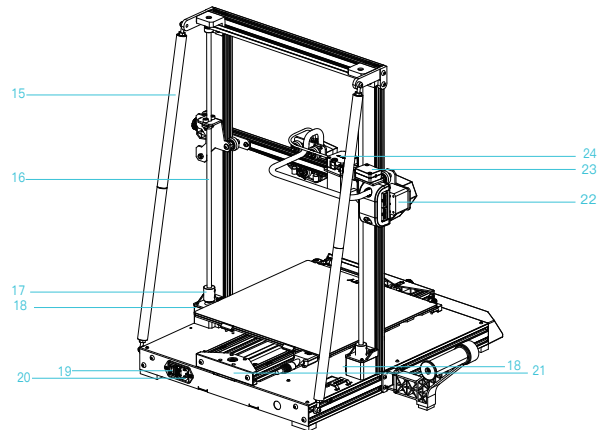
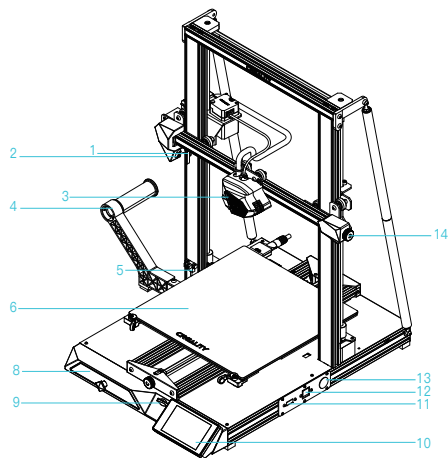
Visitez notre site web officiel [www.creality.com](http://www.creality.com) pour trouver des informations pertinentes sur les logiciels/matériels, les coordonnées et les instructions d'utilisation et de maintenance.

## Mise à niveau du micrologiciel

Veuillez vous connecter au site officiel <https://www.creality.com/download>, changer de langue et sélectionner l'imprimante et le modèle concernés, puis télécharger le micrologiciel nécessaire. Vous pourrez l'utiliser une fois l'installation terminée.

- ❶ N'utilisez pas l'imprimante d'une manière autre que celle décrite dans le présent document afin d'éviter toute blessure corporelle ou tout dommage matériel.
- ❷ Ne placez pas l'imprimante à proximité d'une source de chaleur ou d'objets inflammables ou explosifs. Nous vous suggérons de la placer dans un environnement bien ventilé et peu poussiéreux.
- ❸ N'exposez pas l'imprimante à des vibrations violentes ou à un environnement instable, car cela pourrait entraîner une mauvaise qualité d'impression.
- ❹ Veuillez utiliser la résine recommandée en cas d'endommagement de la machine.
- ❺ N'utilisez pas d'autre câble d'alimentation que celui qui est fourni. Utilisez toujours une prise de courant à trois fiches avec mise à la terre.
- ❻ Ne touchez pas la buse, la surface d'impression ou le moteur pendant le fonctionnement car ils peuvent être chauds. Gardez les mains éloignées de la machine pendant son utilisation pour éviter les brûlures ou les blessures.
- ❼ Ne pas porter de gants ou de vêtements amples lors de l'utilisation de l'imprimante. De tels tissus peuvent s'emmêler dans les pièces mobiles de l'imprimante et entraîner des brûlures, d'éventuelles blessures corporelles ou des dommages à l'imprimante.
- ❽ Lors du nettoyage des débris de l'hotend de l'imprimante, utilisez toujours les outils fournis. Ne touchez pas la buse directement lorsqu'elle est chauffée. Cela peut causer des blessures corporelles.
- ❾ Nettoyez fréquemment l'imprimante. Mettez toujours l'imprimante hors tension lorsque vous la nettoyez, et essuyez-la avec un chiffon sec pour enlever la poussière, les plastiques d'impression collés ou tout autre matériau sur le châssis, les rails de guidage ou les roues. Utilisez un nettoyant pour vitres ou de l'alcool isopropylique pour nettoyer la surface d'impression.
- ❿ Les enfants de moins de 10 ans ne doivent pas utiliser l'imprimante sans surveillance.
- ⓫ Conseils : Ne branchez pas ou ne débranchez pas le cordon d'alimentation lorsque l'appareil est sous tension.
- ⓬ Les utilisateurs doivent se conformer aux lois et réglementations des pays et régions correspondants où se trouve (est utilisé) l'équipement, respecter l'éthique professionnelle, prêter attention aux obligations de sécurité, et interdire strictement l'utilisation de nos produits ou équipements à des fins illégales. Creality ne sera en aucun cas responsable de la responsabilité légale des contrevenants.

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- 1 Interrupteur de fin de course de l'axe X
- 2 Spotlight
- 3 Kit de buse
- 4 Composants du support d'alimentation
- 5 Commutateur photoélectrique de l'axe Z
- 6 Plate-forme d'impression
- 7 Bouton de réglage de la courroie de l'axe Y

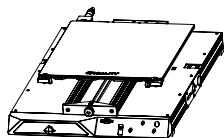
- 8 Boîte à outils
- 9 Emplacement pour carte de stockage
- 10 Écran tactile
- 11 Interface USB
- 12 Interface réseau
- 13 Bouton de mise sous tension
- 14 Bouton de réglage de la courroie de l'axe X
- 15 Tige de traction
- 16 Tige filetée

- 17 Accouplement
- 18 Moteur de l'axe Z
- 19 Interrupteur d'alimentation
- 20 Alimentation en courant alternatif
- 21 Moteur de l'axe Y
- 22 Moteur de l'axe X
- 23 Détecteur de filaments
- 24 Moteur de l'extrudeuse

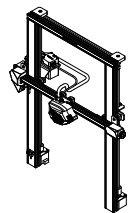
### Paramètres de base

Modèle	CR-10 Smart
Taille d' impression	300*300*400mm
Technique de moulage	FDM
Numéro de buse	1
Epaisseur de tranche	0,1mm-0,4mm
Diamètre de la buse	Standard 0,4mm
Précision	±0,1mm
Filament	PLA/ABS/TPU/PETG/Bois de 1,75 mm
Format de fichier	STL/OBJ/AMF
Transfert de fichiers	Wifi/Carte de stockage
Logiciel slice	Creality Slicer/Cura/Repetier-Host/Simplify3D
Tension nominale	Entrée : AC100-240V 50/60Hz Sortie : DC 24V
Puissance nominale	350W
Température du lit	≤100°C
Température de la buse	≤260°C
Reprendre l' impression	Oui
Détecteur de filaments	Oui
Double axe Z	Oui
Nivellement automatique	Oui
Langue	French
Vitesse d'impression	80-100mm/s

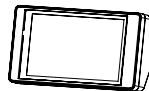
### 3. Liste des pièces



1 Cadre de base x 1



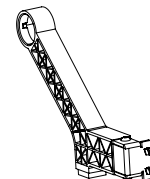
2 Cadre du portique x 1



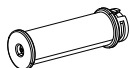
3 Écran tactile x 1



4 Cordon d'alimentation x 1



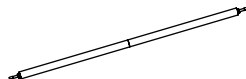
5 Rack x 1



6 Bobines x 1



7 Filament x 1



8 Tiges de traction x 2



9 Vis Sems M5\*45 x 4



10 Vis à tête ronde plate hexagonale M5x12 x 2



11 Vis à tête ronde plate hexagonale M5x20 x 2



12 Joint plat large M5 x 2

#### Liste d'outils



13 Spade x 1



14 Clé à molette x 1



15 Clé à douille x 1



16 Nettoyeur de buse x 1



17 Pincès diagonales x 1



18 Clé Allen x 1



19 Carte de stockage & Lecteur de carte x 1



20 Boucles à connexion rapide x 2



21 Griffe à dégagement rapide x 2



22 Buses x 2



23 Fixation du filetage x 1

Conseils: les accessoires ci-dessus ne sont donnés qu'à titre de référence! Les accessoires en nature prévalent!

## Sehr geehrte Kunden,

Vielen Dank, dass Sie sich für unsere Produkte entschieden haben. Lesen Sie bitte die Anweisungen, bevor Sie den Drucker in Betrieb nehmen, um ein optimales Ergebnis zu erzielen. Unsere Teams stehen stets bereit, Ihnen die besten Dienstleistungen zu bieten. Bitte kontaktieren Sie uns über die unten aufgeführte Telefonnummer oder E-Mail Adresse, im Falle eines Problems mit dem Drucker. Für eine optimale Erfahrung bei der Verwendung unseres Produkts, können Sie sich auch mit den folgenden Betriebsverfahren des Druckers vertraut machen:

Sehen Sie sich die mitgelieferten Anleitungen und Videos auf der Speicherkarte an.

Besuchen Sie unsere offizielle Website [www.creality.com](http://www.creality.com), um auf relevante Software-/Hardware-Informationen, Kontaktdaten sowie Betriebs- und Wartungsanleitungen zuzugreifen.

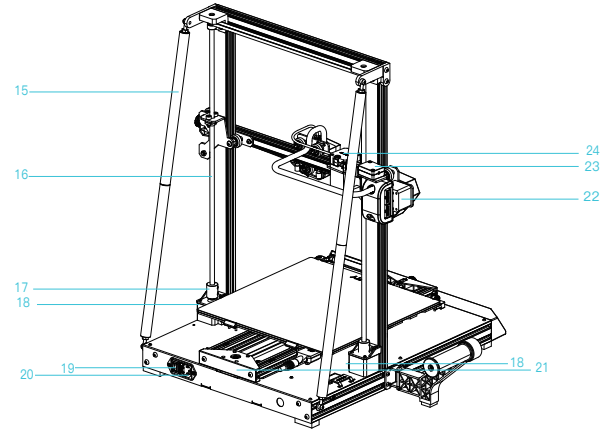
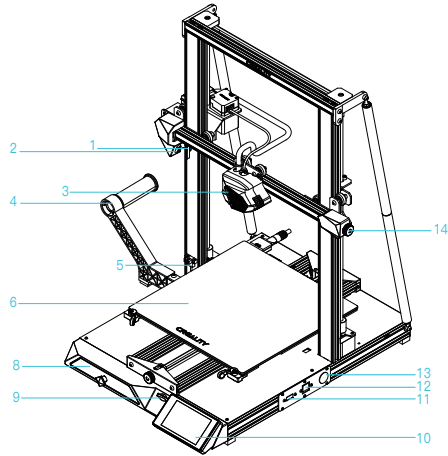
## Firmware-Upgrade

Bitte melden Sie sich auf der offiziellen Website <https://www.creality.com/download> an, stellen Sie Ihre Sprache ein, wählen Sie den entsprechenden Drucker und das Modell aus und laden Sie die erforderliche Firmware herunter, die Sie nach der Installation verwenden können.



- ❶ Verwenden Sie den Drucker nicht auf eine andere als die hier beschriebene Weise, um Personen- oder Sachschäden zu vermeiden.
- ❷ Stellen Sie den Drucker nicht in der Nähe von Wärmequellen oder entflammaren oder explosiven Gegenständen auf. Wir empfehlen, ihn in einer gut belüfteten, staubfreien Umgebung aufzustellen.
- ❸ Setzen Sie den Drucker keinen starken Vibrationen oder einer instabilen Umgebung aus, da dies die Druckqualität beeinträchtigen kann.
- ❹ Bitte verwenden Sie das empfohlene Harz, um eine Beschädigung des Geräts zu vermeiden.
- ❺ Verwenden Sie kein anderes als das mitgelieferte Netzkabel. Verwenden Sie immer eine geerdete, dreipolige Steckdose.
- ❻ Berühren Sie während des Betriebs nicht die Düse, die Druckfläche oder den Motor, da sie heiß sein können. Halten Sie die Hände vom Gerät fern, während es in Betrieb ist, um Verbrennungen oder Verletzungen zu vermeiden.
- ❼ Tragen Sie bei der Bedienung des Druckers keine Handschuhe oder lose Kleidung. Solche Kleidungsstücke können sich in den beweglichen Teilen des Druckers verfangen und Verbrennungen, mögliche Körperverletzungen oder Druckerschäden verursachen.
- ❽ Verwenden Sie zum Reinigen des Drucker-Hottends immer die mitgelieferten Werkzeuge. Berühren Sie die Düse nicht direkt, wenn sie erhitzt ist. Dies kann zu Verletzungen führen.
- ❾ Reinigen Sie den Drucker häufig. Schalten Sie das Gerät beim Reinigen immer aus und wischen Sie es mit einem trockenen Tuch ab, um Staub, anhaftenden Druckkunststoff oder anderes Material vom Rahmen, den Führungsschienen oder den Rädern zu entfernen. Verwenden Sie Glasreiniger oder Isopropylalkohol, um die Druckoberfläche zu reinigen.
- ❿ Kinder unter 10 Jahren sollten den Drucker nicht unbeaufsichtigt benutzen.
- ⓫ Tipps: Nicht das Stromkabel einstecken oder abziehen, wenn es eingeschaltet ist.
- ⓬ Anwender müssen die Gesetze und Vorschriften der entsprechenden Länder und Regionen einhalten, in denen sich die Geräte befinden (verwendet werden), sowie die Berufsethik befolgen und die Sicherheitspflichten beachten. Die Verwendung unserer Produkte oder Geräte für illegale Zwecke ist strikt untersagt. Creativity ist unter keinen Umständen für die gesetzliche Haftung von Zuwiderhandelnden verantwortlich.

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- 1 Begrenzungsschalter X-Achse
- 2 Strahler
- 3 Düsensatz
- 4 Komponenten des Vorschubhalters
- 5 Z-Achsen-Lichtschranke
- 6 Druckplattform
- 7 Y-Band-Einstellknopf

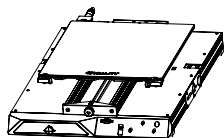
- 8 Werkzeugkasten
- 9 Speicherkartenschlitz
- 10 Berührungsbildschirm
- 11 USB-Schnittstelle
- 12 Netzwerkschnittstelle
- 13 Einschalttaste
- 14 X-Band-Einstellknopf
- 15 Zugstange
- 16 Gewindestange

- 17 Kuppler
- 18 Z-Achsmotor
- 19 Hauptschalter
- 20 AC-Netzteil
- 21 Y-Achsmotor
- 22 X-Achsmotor
- 23 Filamentdetektor
- 24 Extrudermotor

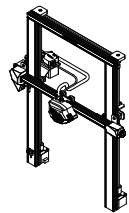
### Grundparameter

Modell	CR-10 Smart
Druckgröße	300*300*400mm
Formgebungstechnik	FDM
Düsen-Nummer	1
Scheibendicke	0,1mm-0,4mm
Düsen-Durchmesser	Standard 0,4mm
Präzision	±0,1mm
Filament	1,75mm PLA/ABS/TPU/PETG/Holz
Dateiformat	STL/OBJ/AMF
Dateiübertragung	Wifi/Speicherkarte
Schneide-Software	Creality Slicer/Cura/Repetier-Host/Simplify 3D
Netzversorgung	Eingang: 100-240V AC 50/60Hz Ausgabe: 24V DC
Nennleistung	350W
Bett-Temperatur	≤100°C
Düsentemp.	≤260°C
Druck fortsetzen	Ja
Filamentdetektor	Ja
Duale Z-Achse	Ja
Automatischer Ausgleich	Ja
Sprache	German
Druckgeschwindigkeit	80-100mm/s

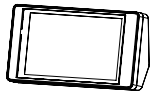
### 3. Inhalt der Verpackung



1 Grundrahmen x 1



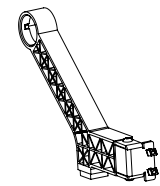
2 Gestellrahmen x 1



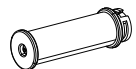
3 Berührungsbildschirm x 1



4 Netzkabel x 1



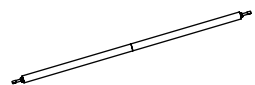
5 Gestell x 1



6 Spulex 1



7 Filament x 1



8 Zugstangen x 2



9 M5\*45-Kombischraube x4



10 M5x12 Sechskant-Flachrund Kopfschraube x 2



11 M5x20 Sechskant-Flachrund Kopfschraube x 2



12 M5 Große Flachdichtung x 2

#### Werkzeugliste



13 Spaten x 1



14 Schraubenschlüssel x 1



15 Steckschlüssel x 1



16 Düsenreiniger x 1



17 Diagonalzange x 1



18 Inbusschlüssel x 1



19 Speicherkarte & Kartenlesegerät x 1



20 Schnellbindeschnallen x 2



21 Schnelllöseklau x 2



22 Düsen x 2



23 Gewindeschneideeinrichtung x 1

Hinweis: die obengenannten Zubehörteile sind lediglich zur Referenz, die tatsächlich mitgelieferten Zubehörteile sind maßgebend!

## Cari clienti,

Grazie per aver scelto i nostri prodotti. Per una migliore esperienza, si prega di leggere le istruzioni prima di utilizzare la stampante. Il nostro team sarà sempre pronto ad aiutarvi in caso di necessità. Vi preghiamo di contattarci tramite il numero di telefono o l'indirizzo e-mail fornito alla fine di questo manuale, se riscontrate qualsiasi problema con la stampante. Per una migliore esperienza nell'uso del nostro prodotto, potete anche imparare come usare la stampante nei seguenti modi:

- Visualizzare le istruzioni e i video allegati nella scheda di memoria.
- Visitare il nostro sito web ufficiale [www.creality.com](http://www.creality.com) per trovare le informazioni relative al software/hardware, i dettagli di contatto e le istruzioni di funzionamento e manutenzione.

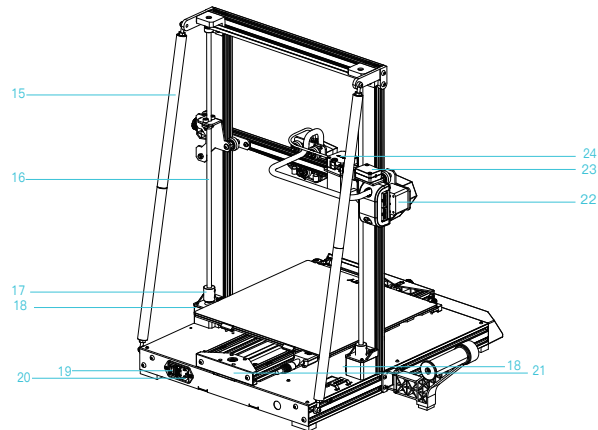
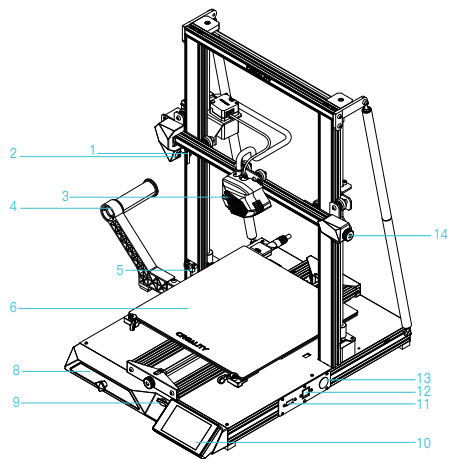
## Aggiornamento del firmware

Si prega di accedere al sito ufficiale <https://www.creality.com/download>, cambiare lingua e selezionare la stampante e il modello rilevanti e scaricare il firmware richiesto, è possibile utilizzarlo al termine dell'installazione.

- ❶ Non usare la stampante in modo diverso da quello descritto in questo manuale per evitare lesioni personali o danni alla proprietà.
- ❷ Non posizionare la stampante vicino a fonti di calore o oggetti infiammabili o esplosivi. Sugeriamo di collocarla in un ambiente ben ventilato e con poca polvere.
- ❸ Non esporre la stampante a vibrazioni violente o posizionarla su qualsiasi superficie instabile, in quanto ciò potrebbe causare una scarsa qualità di stampa.
- ❹ Si prega di utilizzare la resina consigliata in caso di danni della stampante.
- ❺ Non usare nessun altro cavo di alimentazione eccetto quello fornito. Utilizzare sempre una presa di corrente a tre poli con messa a terra.
- ❻ Non toccare l'ugello, la superficie di stampa o il motore durante il funzionamento perché potrebbero essere caldi. Tenere le mani lontano dalla macchina durante l'uso per evitare ustioni o lesioni personali.
- ❼ Non indossare guanti o indumenti larghi durante il funzionamento della stampante. Tali indumenti potrebbero impigliarsi nelle parti in movimento causando ustioni, possibili lesioni personali o danni alla stampante.
- ❽ Quando si puliscono i residui dall' estremità calda della stampante, utilizzare sempre gli strumenti forniti. Non toccare direttamente la bocchetta quando è riscaldata. Ciò potrebbe causare lesioni personali.
- ❾ Pulire frequentemente la stampante. Spegnerne sempre la stampante durante la pulizia e pulire con un panno asciutto per rimuovere la polvere, la plastica di stampa aderente o qualsiasi altro materiale dal telaio, dalle guide o dalle ruote. Utilizzare un detergente per vetri o alcol isopropilico per pulire la superficie di stampa.
- ❿ I bambini sotto i 10 anni non devono utilizzare la stampante senza la supervisione di un adulto.
- ⓫ Sugerimento: Non collegare o scollegare il cavo di alimentazione quando si accende.
- ⓬ Gli utenti devono rispettare le leggi e i regolamenti dei paesi e delle regioni corrispondenti in cui si trova il dispositivo (utilizzato), attenersi all'etica professionale, prestare attenzione agli obblighi di sicurezza e vietare rigorosamente l'uso dei nostri prodotti o dispositivi per qualsiasi scopo illegale. Creality non sarà responsabile della responsabilità legale dei trasgressori in qualsiasi circostanza.

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- 1 Interruttore di finecorsa asse X
- 2 Lampada
- 3 Set di ugelli
- 4 Componenti del supporto di alimentazione
- 5 (Z) Interruttore fotoelettrico dell'asse
- 6 Piattaforma di stampa
- 7 (Y) Manopola di regolazione del nastro dell'asse

- 8 Cassetta degli attrezzi
- 9 Slot per scheda di memoria
- 10 Schermo touch
- 11 Interfaccia USB
- 12 Interfaccia di rete
- 13 Pulsante di accensione
- 14 (X) Manopola di regolazione del nastro dell'asse
- 15 Asta di trazione
- 16 Asta a vite

- 17 Giunto
- 18 Motore asse Z
- 19 Interruttore di alimentazione
- 20 Alimentazione AC
- 21 Motore asse Y
- 22 Motore asse X
- 23 Rilevatore di filamento
- 24 Motore dell'estrusore







### Parametri di base

Modello	CR-10 Smart
Formato di stampa	300*300*400mm
Tecnica di stampaggio	FDM
Numero ugello	1
Spessore sezione	0,1mm-0,4mm
Diametro ugello	Standard 0,4mm
Precisione	±0,1mm
Filamento	1,75mm PLA/ABS/TPU/PETG/Legno
Formato file	STL/OBJ/AMF
Trasferimento di file	Wifi/Scheda di memoria
Sezione del software	Creality Slicer/Cura/Repetier-host/Simplify3D
Alimentazione	Ingresso: AC100-240V 50/60Hz Uscita: DC 24V
Potenza totale	350W
Temp. piano	≤100°C
Temp. ugello	≤260°C
Riprendi stampa	Sì
Rilevatore di filamento	Sì
Doppio asse Z	Sì
Livellamento automatico	Sì
Lingua	Italian
Velocità di stampa	80-100mm/s

### 3. Contenuto della confezione

-  1 Telaio della base x 1
-  2 Telaio a cavalletto x 1
-  3 Schermo touch x 1
-  4 Cavo di alimentazione x 1
-  5 Rastrelliera x 1
-  6 Bobina x 1
-  7 Filamento x 1
-  8 Aste di trazione x 2
-  9 Vite Sems M5x45 x 4
-  10 M5x12 Vite a testa tonda piatta esagonale x 2
-  11 M5x20 Viti a testa tonda piatta esagonale x 2
-  12 M5 Guarnizione piatta grande x 2

#### Elenco degli utensili

-  13 Paletta x 1
-  14 Chiav x 1
-  15 Chiave a tubo x 1
-  16 Detergente per ugelli x 1
-  17 Pinze diagonali x 1
-  18 Chiave a brugola x 1
-  19 Lettore di schede di memoria e schede x 1
-  20 Fibbie a connessione rapida x 2
-  21 Pinza a sgancio rapido x 2
-  22 Ugelli x 2
-  23 Dispositivo di filettatura x 1

Nota: gli accessori di cui sopra sono solo a titolo indicativo, fare riferimento a quelli reali!

## Estimados usuarios:

Le agradecemos por elegir nuestros productos. Para obtener una experiencia óptima, sírvase leer las instrucciones antes de utilizar la impresora. Nuestros equipos siempre estarán a las órdenes, listos para ofrecerle los mejores servicios.

Si le surgiere algún problema con la impresora, comuníquese con nosotros mediante el número telefónico o la dirección de correo electrónico ubicados al final del presente. Para obtener una experiencia óptima al utilizar nuestro producto,

también puede aprender cómo utilizar la impresora de las siguientes maneras:

Ve las instrucciones y vídeos que se adjuntan en la tarjeta de almacenamiento.

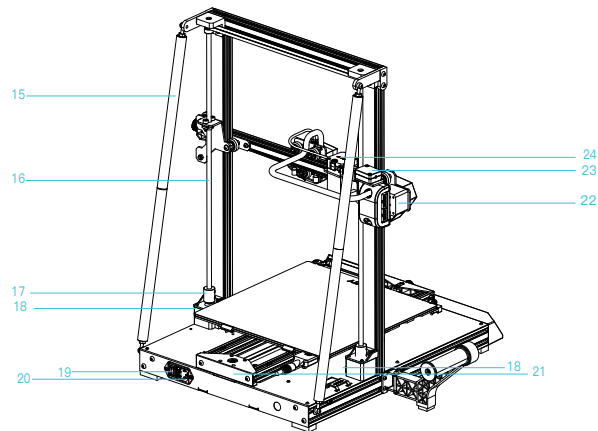
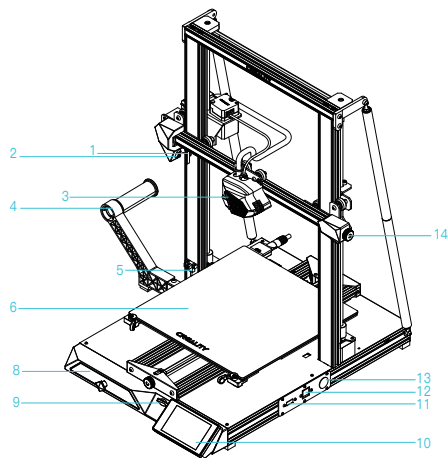
Visite nuestro sitio web oficial, [www.creality.com](http://www.creality.com), donde hallará información pertinente del hardware/software, datos de contacto, así como también instrucciones en lo referido al mantenimiento.

## Actualización de firmware

Inicie sesión en el sitio web oficial <https://www.creality.com/download>, cambie el idioma y seleccione la impresora y el modelo en cuestión; luego, descargue el firmware correspondiente. Una vez finalizada la instalación, ya podrá utilizarla.

- 1 A fin de evitar que se produzcan lesiones o daños de propiedad privada, no utilice la impresora de ninguna manera que no esté indicada en el presente.
- 2 No coloque la impresora cerca de ninguna fuente de calor ni de ningún objeto inflamable o explosivo. Recomendamos que le coloque en un ambiente bien ventilado, donde se forme poco polvo.
- 3 No exponga la impresora a ninguna vibración brusca ni ambiente inestable, puesto que estos podrían producir una baja calidad de impresión.
- 4 Sírvase utilizar la resina recomendada en caso de daño de la máquina.
- 5 No utilice ningún otro cable de corriente a no ser por el suministrado. Utilice siempre un enchufe de tres clavijas con tierra.
- 6 Mientras esté funcionando no toque la boquilla, la superficie de impresión o el motor, ya que pueden estar calientes. Mantenga las manos alejadas del equipo mientras esté usándolo para evitar quemaduras o lesiones personales.
- 7 No use guantes o vestimenta ligera mientras usa la impresora. Este tipo de ropa puede atascarse en las partes en movimiento de la impresora y provocar quemaduras, posibles lesiones en el cuerpo, o dañar la impresora.
- 8 Cuando limpie residuos del extremo caliente de la impresora, use siempre las herramientas que se proporcionan. No toque la boquilla directamente cuando esté caliente. Esto puede producir lesiones personales.
- 9 Limpie la impresora a menudo. Cuando vaya a limpiar, apague siempre primero, para luego pasar un paño seco a fin de retirar el polvo, cualquier plástico de impresión que se haya adherido, así como cualquier otro material a no ser por el marco, los rieles guía y las ruedas. Utilice un limpiador de vidrio o bien alcohol isopropílico para limpiar la superficie de impresión.
- 10 No se debe permitir el uso de la impresora sin supervisión a los niños menores de 10 años.
- 11 Consejos: No conecte o desconecte el cable de alimentación cuando esté encendido.
- 12 Los usuarios deberán cumplir con toda ley y reglamentación de los países y regiones correspondientes en que se ubique (se utilice) el equipo, respetando toda ética profesional, prestando atención a sus deberes en materia de seguridad, a la vez que queda estrictamente prohibido el uso de nuestros productos o equipamiento para todo propósito ilegal. Creality no se hará responsable, bajo ninguna circunstancia, por las obligaciones legales de cualquier eventual infractor.

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Reiniciar red . . . . .	47-47
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- 1 Interruptor de límite de eje X
- 2 Foco
- 3 Kit de boquilla
- 4 Componentes de soporte de alimentación
- 5 Interruptor Z fotoeléctrico con eje de profundidad
- 6 Plataforma de impresión
- 7 Perilla Y de ajuste de correa con eje de altura

- 8 Caja de herramientas
- 9 Ranura de tarjeta de almacenamiento
- 10 Pantalla táctil
- 11 Interface USB
- 12 Interface de red
- 13 Botón de encendido
- 14 Perilla X de ajuste de correa con eje de ancho
- 15 Varilla de tracción
- 16 Varilla roscada

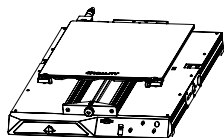
- 17 Acople
- 18 Motor de eje Z
- 19 Interruptor de corriente
- 20 Fuente de AC
- 21 Motor de eje Y
- 22 Motor de eje X
- 23 Detector de filamento
- 24 Motor de extrusión

### Parámetros Básicos

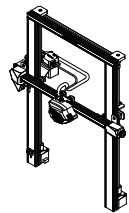
Modelo	CR-10 Smart
Tamaño de impresión	300*300*400mm
Tecnología de moldeo	FDM
Número de Boquillas	1
Grosor de corte	0,1mm-0,4mm
Diámetro de la boquilla	Estándar 0,4 mm
Precisión	±0,1mm
Filamento	1,75mm PLA/ABS/TPU/PETG/Madera
Formato de Archivo	STL/OBJ/AMF
Transferencia de archivo	Tarjeta de almacenamiento/Wi-Fi
Software Slice	Creality Slicer/Cura/Repetier-Host/Simplify3D
Suministro de energía	Entrada: AC100/240V 50/60hZ Salida: DC 24V
Potencia total	350W
Temp. de la base	≤100°C
Temp. de la boquilla	≤260°C
Reanudar impresión	Sí
Detector de filament	Sí
Tornillos de eje Z dual	Sí
Nivelación automática	Sí
Idioma	Spanish
Velocidad de impresión	80-100mm/s



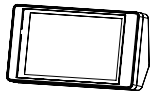
### 3. Contenido del paquete



1 Marco de la base x 1



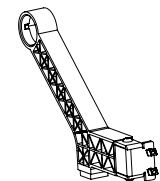
2 Marco del puente x 1



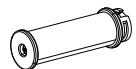
3 Pantalla táctil x 1



4 Cable de conexión x 1



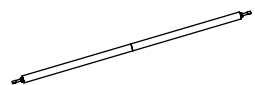
5 Rejilla x 1



6 Espátula x 1



7 Filamento x 1



8 Varillas de tracción x 2



9 Tornillo Sems M5x45x4



10 M5x12 Tornillo hexagonal de cabeza redonda plana x 2



11 M5x20 Tornillo hexagonal de cabeza redonda plana x 2



12 M5 Junta plana grande x 2

#### Lista de herramientas



13 Espátula x 1



14 Llave x 1



15 Llave de vaso x 1



16 Limpiador de boquilla x 1



17 Alicates diagonales x 1



18 Llave Allen x 1



19 Tarjeta de almacenamiento y Lector de tarjeta x 1



20 Hebillas de conexión rápida x 2



21 Pinza de liberación rápida x 2



22 Boquillas x 2



23 Accesorio de roscado x 1

Consejos: los accesorios mencionados aparecen únicamente como mera referencia. El producto tangible siempre prevalecerá

## Dear Consumers,

Thank you for choosing our products. For the best experience, please read the instructions before operating the Printer. Our teams will always be ready to render you the best services. Please contact us via the phone number or e-mail address provided at the end when you encounter any problem with the Printer. For a better experience in using our product, you can also learn how to use the printer in the following ways:

View the accompanied instructions and videos in the storage card.

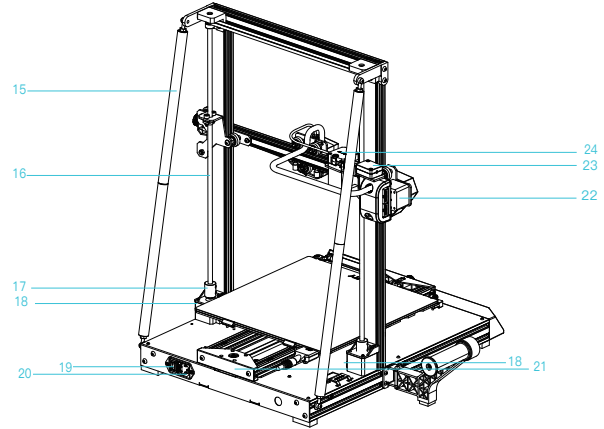
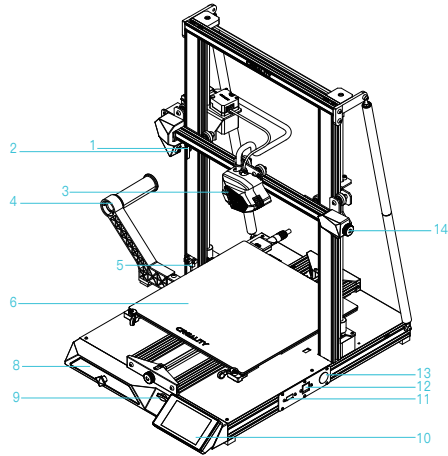
Visit our official website [www.creality.com](http://www.creality.com) to find relevant software/hardware information, contact details and operation and maintenance instructions.

## Firmware Upgrade

Please login the official website <https://www.creality.com/download>, switch the language and select the relevant printer and model and download the required firmware, you can use it after the installation is finished.

- 1 Do not use the printer any way other than described here in order to avoid personal injury or property damage.
- 2 Do not place the printer near any heat source or flammable or explosive objects. We suggest placing it in a well-ventilated, low-dust environment.
- 3 Do not expose the printer to violent vibration or any unstable environment, as this may cause poor print quality.
- 4 Before using experimental or exotic filaments, we suggest using standard filaments such as ABS or PLA to calibrate and test the machine.
- 5 Do not use any other power cable except the one supplied. Always use a grounded three-prong power outlet.
- 6 Do not touch the nozzle, printing surface or motor during operation as they may be hot. Keep hands away from machine while in use to avoid burns or personal injury.
- 7 Do not wear gloves or loose clothing when operating the printer. Such cloths may become tangled in the printers moving parts leading to burns, possible bodily injury, or printer damage.
- 8 When cleaning debris from the printer hotend, always use the provided tools. Do not touch the nozzle directly when heated. This can cause personal injury.
- 9 Clean the printer frequently. Always turn the power off when cleaning, and wipe with a dry cloth to remove dust, adhered printing plastics or any other material off the frame, guide rails, or wheels. Use glass cleaner or isopropyl alcohol to clean the print surface.
- 10 Children under 10 years old should not use the printer without supervision.
- 11 This machine is equipped with a security protection mechanism. Do not manually move the nozzle or printing platform mechanism manually while booting up, otherwise the device will automatically power off for safety.
- 12 Users should comply with the laws and regulations of the corresponding countries and regions where the equipment is located (used), abide by professional ethics, pay attention to safety obligations, and strictly prohibit the use of our products or equipment for any illegal purposes. Creality will not be responsible for any violators' legal liability under any circumstance.

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- 1 X Limit Switch
- 2 Spotlight
- 3 Nozzle Kit
- 4 Feeding holder components
- 5 Z-axis photoelectric switch
- 6 Printing Platform
- 7 Y-axis belt adjusting knob

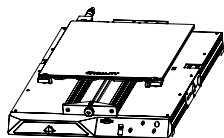
- 8 Tool Box
- 9 Storage Card Slot
- 10 Touch screen
- 11 USB interface
- 12 Network Interface
- 13 Power-on button
- 14 X-axis belt adjusting knob
- 15 Pull rod
- 16 Screw rod

- 17 Coupling
- 18 Z-axis motor
- 19 Power switch
- 20 AC power supply
- 21 Y-axis Motor
- 22 X-axis Motor
- 23 Filament Detector
- 24 Extruder Motor

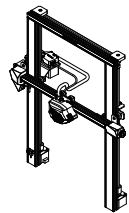
### Basic Parameters

Model	CR-10 Smart
Printing Size	300*300*400mm
Molding Tech	FDM
Nozzle Number	1
Slice Thickness	0.1mm-0.4mm
Nozzle Diameter	Standard 0.4mm
Precision	±0.1mm
Filament	1.75mm PLA/ABS/TPU/PETG/Wood
File Format	STL/OBJ/AMF
File Transfer	Wifi/Storage card
Slice Software	Creality Slicer/Cura/Repetier-Host/Simplify3D
Power Supply	Input: AC100-240V 50/60Hz Output: DC 24V
Total Power	350W
Bed Temp	≤100°C
Nozzle Temp	≤260°C
Resume Printing	Yes
Filament Detector	Yes
Dual Z-axis	Yes
Auto Leveling	Yes
Language	English
Printing Speed	80-100mm/s

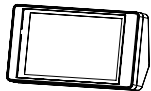
### 3. Package Content



1 Base Frame x 1



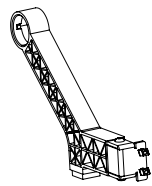
2 Gantry Frame x 1



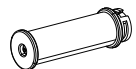
3 Touch screen x 1



4 Power Cord x 1



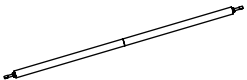
5 Rack x 1



6 Spool x 1



7 Filament x 1



8 Pull rods x 2



9 M5x45 Sems Screw x4



10 M5x12 Hexagon flat round head screw x2



11 M5x20 Hexagon flat round head screws x2



12 M5 Large Flat gasket x2

#### Tool list



13 Spade x 1



14 Wrench x 1



15 Socket Spanner x 1



16 Nozzle Cleaner x 1



17 Diagonal Pliers x 1



18 Allen wrench x 1



19 Storage Card & x 1 Card Reader



20 Quick Connect Buckles x 2



21 Quick Release Claw x 2



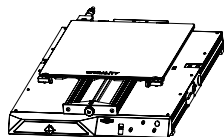
22 Nozzles x 2



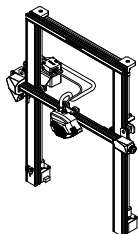
23 Threading fixture x 1

Tips: the above accessories are for reference only, please refer to the physical accessories!

## 4. Install the Gantry Frame



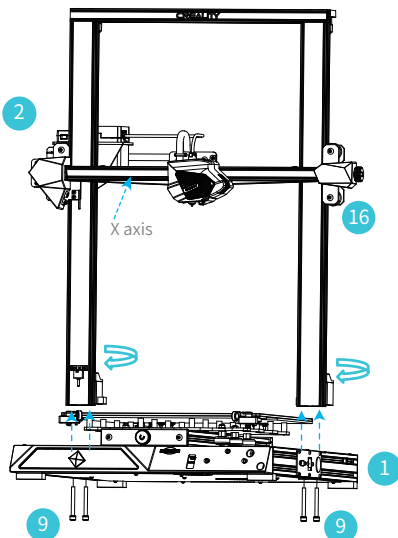
1 Base Frame x 1



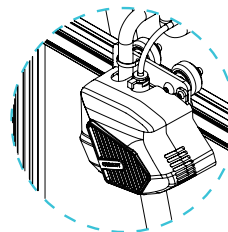
2 Gantry Frame x 1



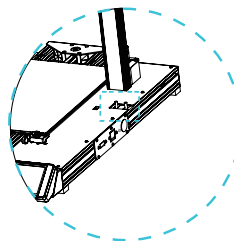
9 M5x45 Sems Screw x4



Twist the coupling to raise the X axis to the position shown in Figure 16.



Fix the lines on the nozzle kit with a black rolling belt as shown in the figure and re-fix it if any re-assembly before operation.

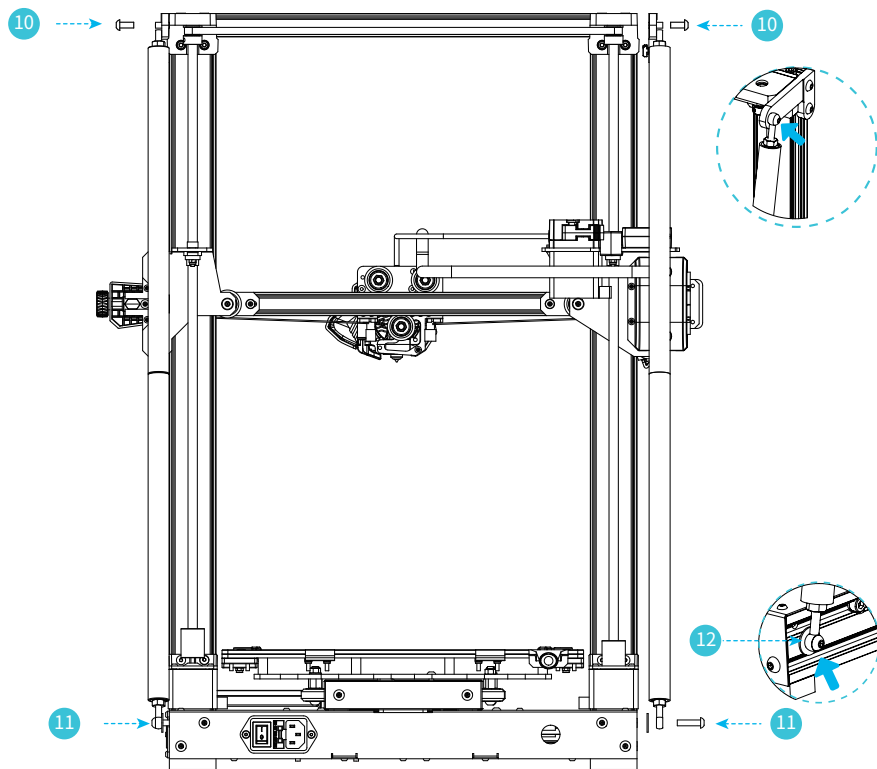
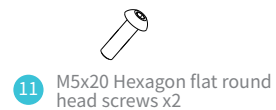
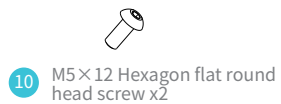


Two Z-axis profiles, installed on the inner step of the Y-axis bottom profile.



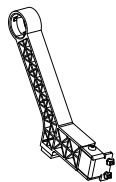
## 5. Pull Rod Installation

Adjust the proper length of assembled pull rod and install in the position shown in the figure

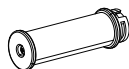


## 6. Install the Rack

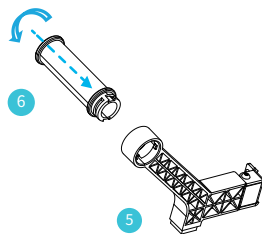
Follow the installation diagram to assemble the rack on the left of the machine.



5 Rack x 1

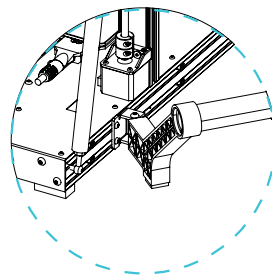
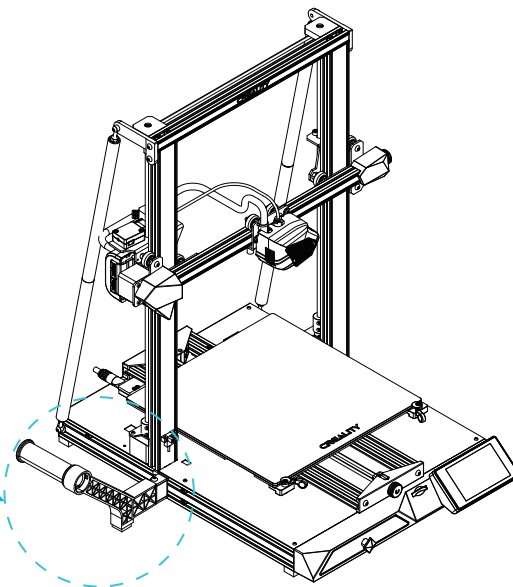


6 Spool x 1

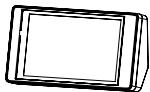


5

6

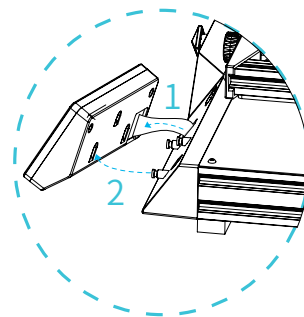
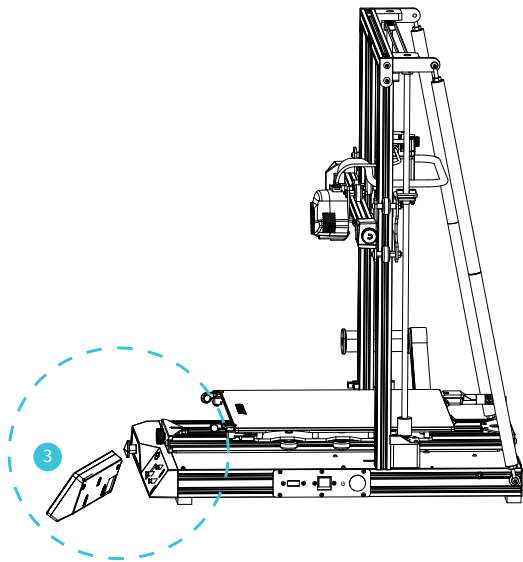


## 7. Install the touch screen



3 Touch screen x 1

1. Connect the FFC on the base with the touch screen.
2. Fix the three screen locks on the touch screen to the studs of the base and press them into place.



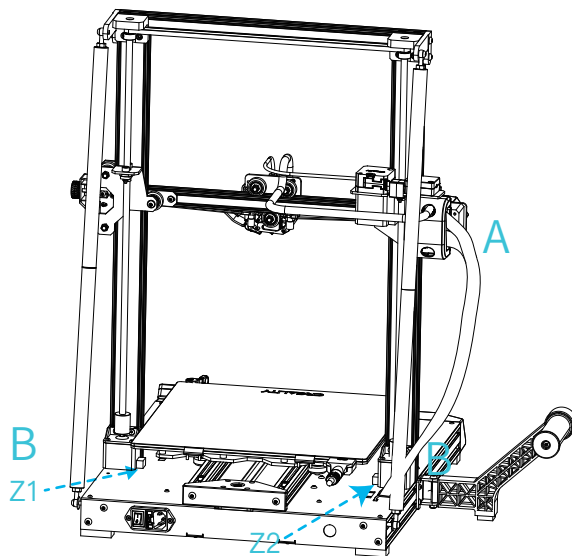
### Caution

- Do not connect or disconnect the cables when the machine is powered on.

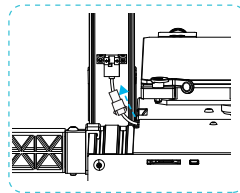
## 8. Cable Connection



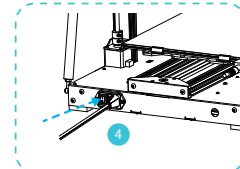
4 Power Cord x 1



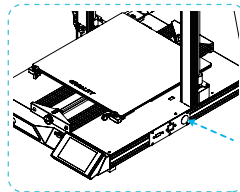
C



D



E



- A、 Connect the 15pin port to the nozzle adapter board as shown in the figure
- B、 Connect Z-axis motor cable
- C、 Connect the photoelectric switch wire
- D、 Connect it to the power cord and turn on the power
- E、 Long press the power button and wait the display screen to start

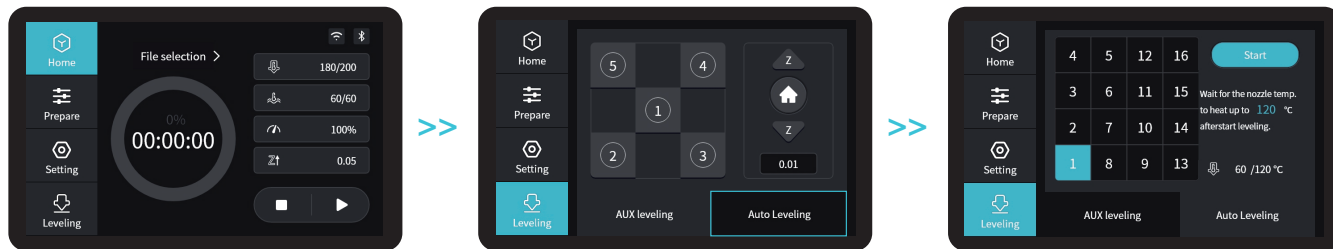


### Caution

- Do not connect or disconnect the cables when the machine is powered on.

## 9. Bed Leveling

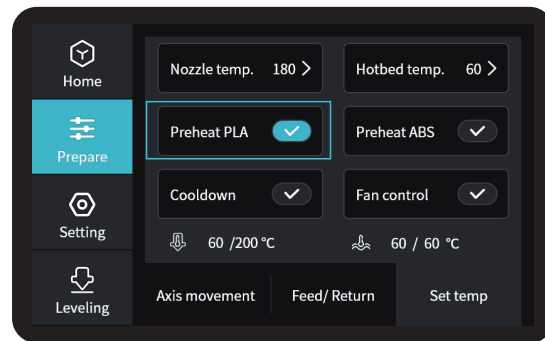
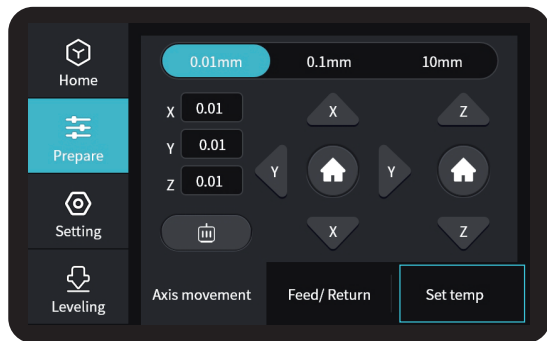
1. Select “Level” to automatically level
2. After the leveling is completed, adjust the Z-axis compensation value according to the adhesion of the printing consumables and the glass



During the leveling process, please do not touch the Teflon tube and nozzle cable.

## 10. Preheating Method

Method 1



Notes: The interface of the manual of instruction is only for reference, and the actual interface shall be subject to the display of the machine.

## 10. Preheating Method



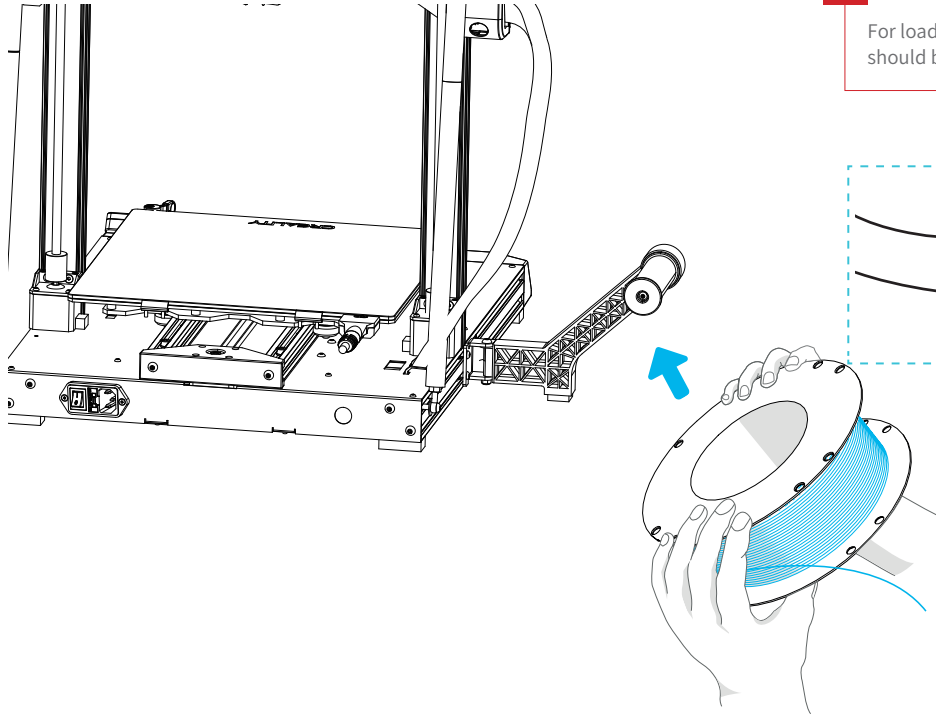
Method 2



Notes: The print preheating standard is adjusted at the factory, PLA preheating standard: nozzle temperature 200 °, hot bed temperature 60 °, ABS preheating standard: nozzle temperature 240 °, hot bed temperature 70 °. If you need to adjust it due to printing materials or other reasons, you can adjust the parameters on the interface home page control → temperature → PLA / ABS preheat setting.

# 11. Load Filament

When you wait for the temperature to rise, hang the filament over the Filament Holder.



For loading filament smoothly, the end of the filament should be placed as shown above.



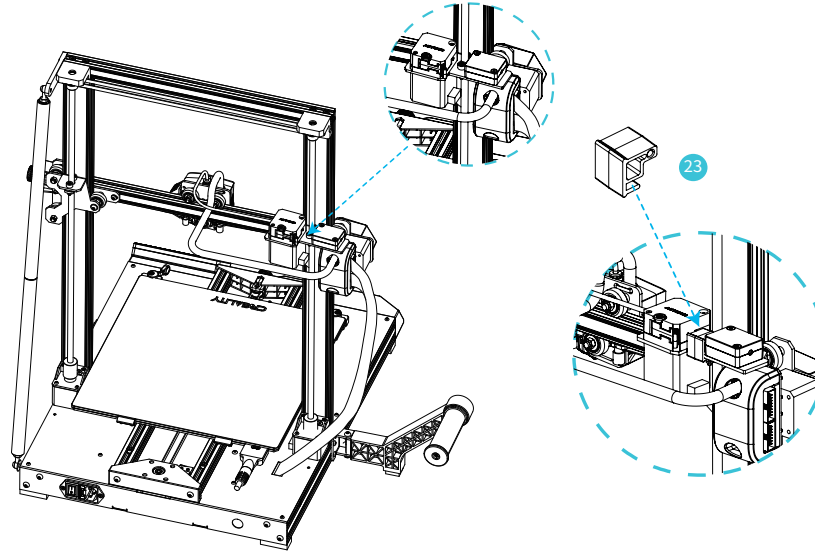


## 11. Load Filament

Installation method of threading fixture:



23 Threading fixture x 1

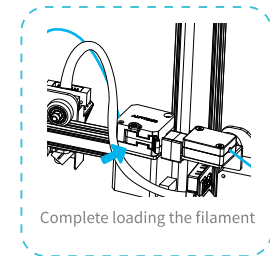
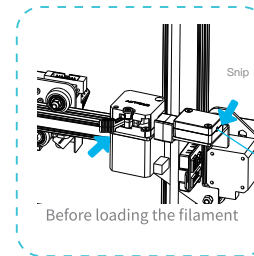
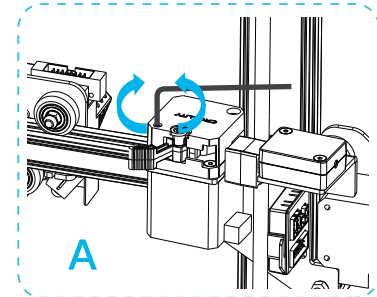
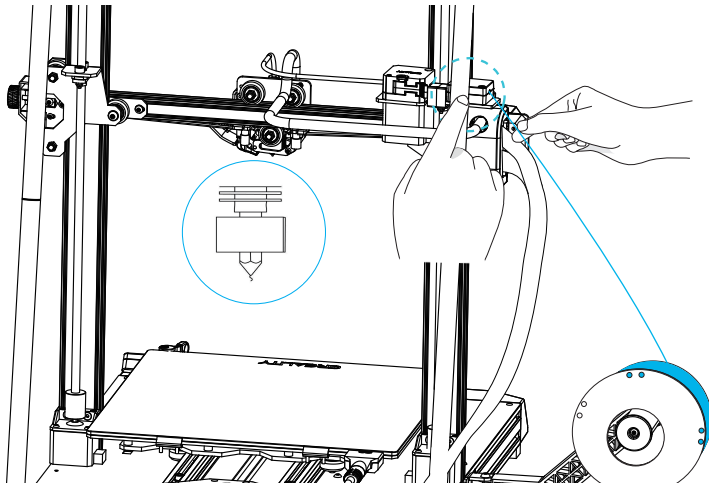


1. Clamp the threading fixture to the position shown in the figure as the figure shows.
2. Thread the consumable through the consumable run-out detection box, then the threading fixture and finally into the extruder.

## 11. Load Filament

When it reaches the target temperature, insert the filament into the small hole of the Extruder until it reaches the nozzle through the filament cutting detection module. If the filament flows out from the nozzle, it presents that the filament is properly loaded.

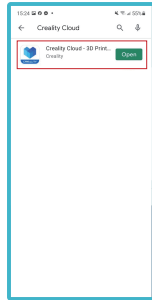
The method of extrusion spring adjustment: turn right to loosen turn left to tighten (as shown in Fig. A)



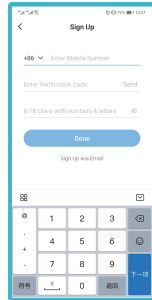
**Tips:** How to replace the filament?

1. Cutting filament near the Extruder and slowly feed new filament until they are fed into the new filament.
2. Withdrawing the filament quickly and feeding the new filament after nozzle preheated and filament pushed a little forward.

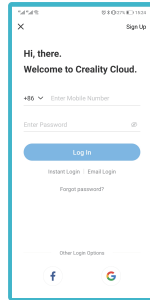
## 12. Pairing via Bluetooth



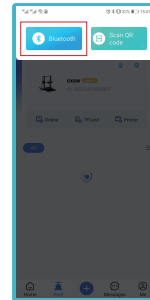
1. Download Creadity Cloud



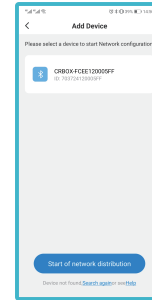
2. Register



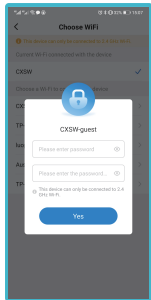
3. Log in



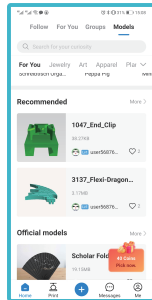
4. Scan QR Code



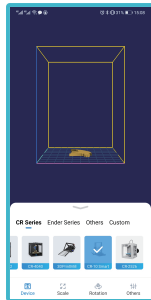
5. Add equipment



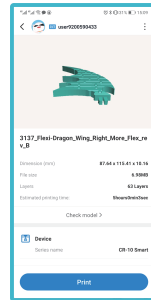
6. Connect to local WiFi



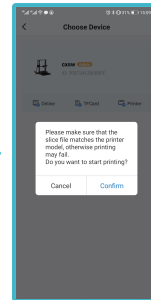
7. Select model



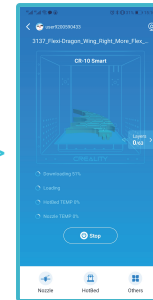
8. Select machine



9. Printing

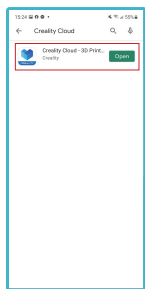


10. Select device



11. Start printing

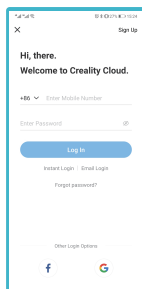
# 13. Creality Cloud print



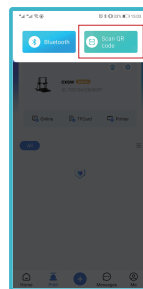
1.Download Creality Cloud



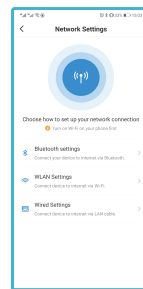
2.Register



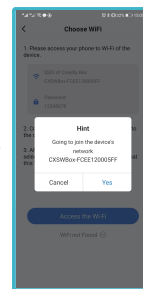
3.Log in



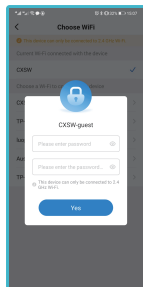
4. Scan QR Code



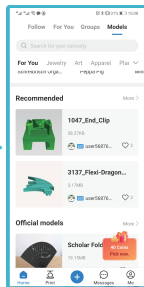
5. Network settings



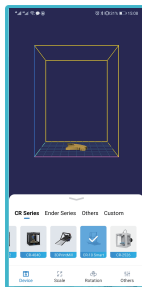
6. Connect machine WiFi



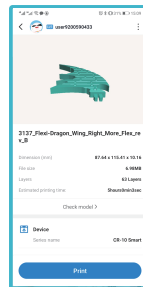
7. Connect to local WiFi



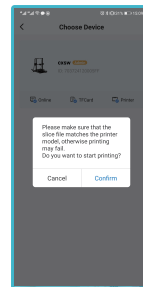
8. Select model



9. Select machine



10. Printing



11. Select device

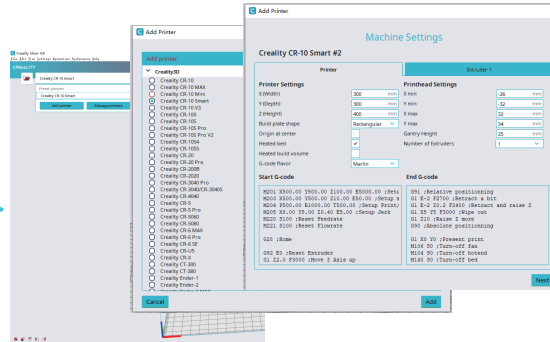


12. Start printing

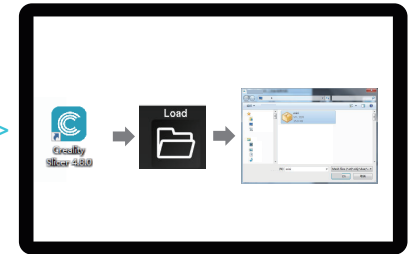
## 14. Off-line print



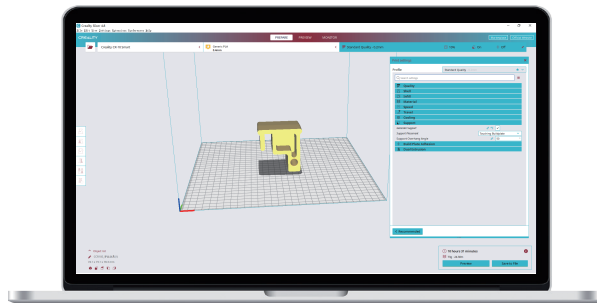
1. Download the software from official website ([www.cxsw3d.com](http://www.cxsw3d.com)) or find the software in storage card for installation.
2. Double click to open the software.



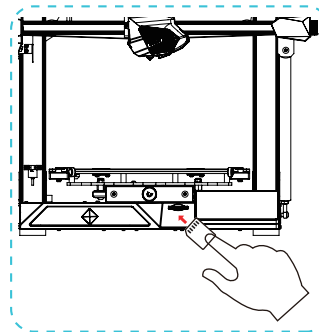
3. Select language → Next → Select your machine → Next → Finish.



4. Open Creality 3D slicer → Load (Read file) → Select file.



5. Generate G-code, and save the gcode file to storage card.



6. Insert the storage card



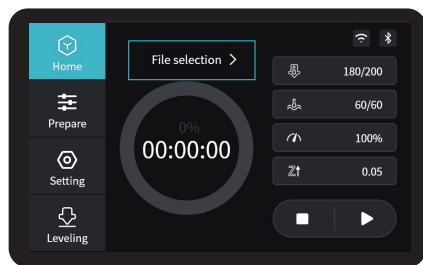
File names must be Latin letters or numbers, not Chinese characters or other special symbols



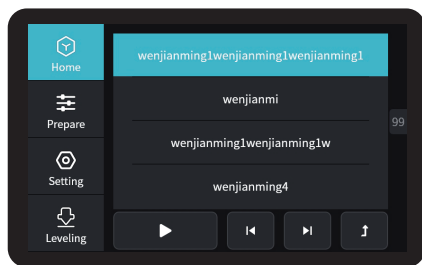
Notes: For details on the software instructions, please refer to the slicing software manual in the storage card!



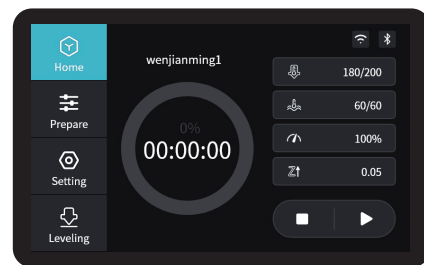
Warning: Please don't insert or remove the storage card during printing.

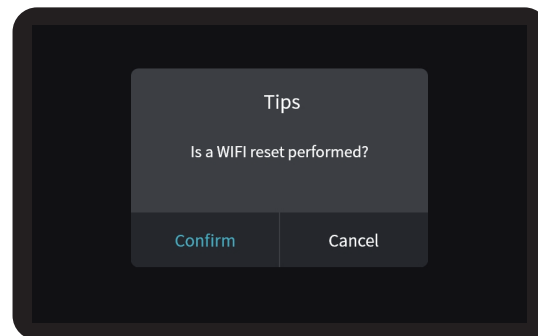
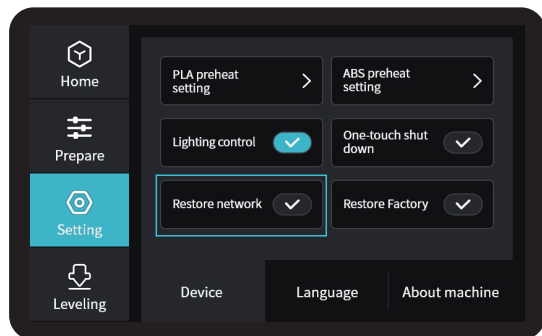


Click print control



Select the file to be printed





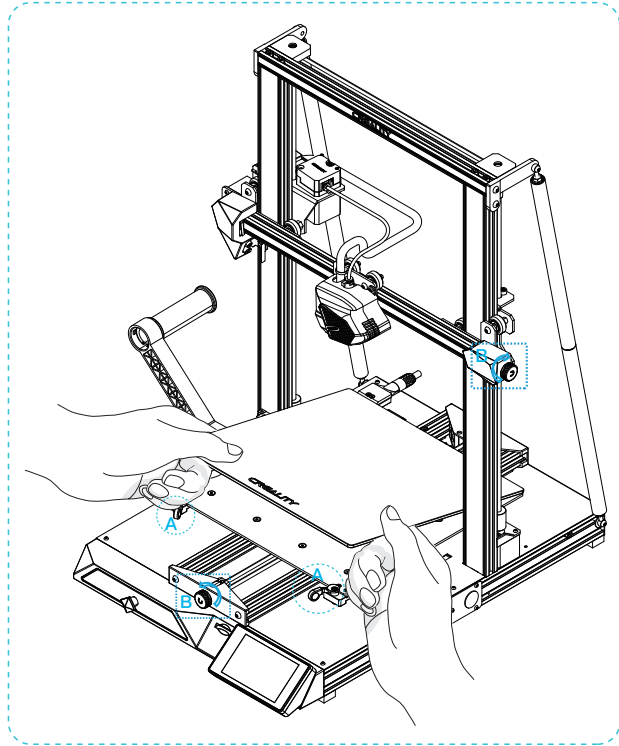
### Note:

1. In the first use or if you need to clear the owner information, you can click "Restore network" button on the screen, wait for 1-2 minutes and then try to scan the code again or connect the network via Bluetooth.

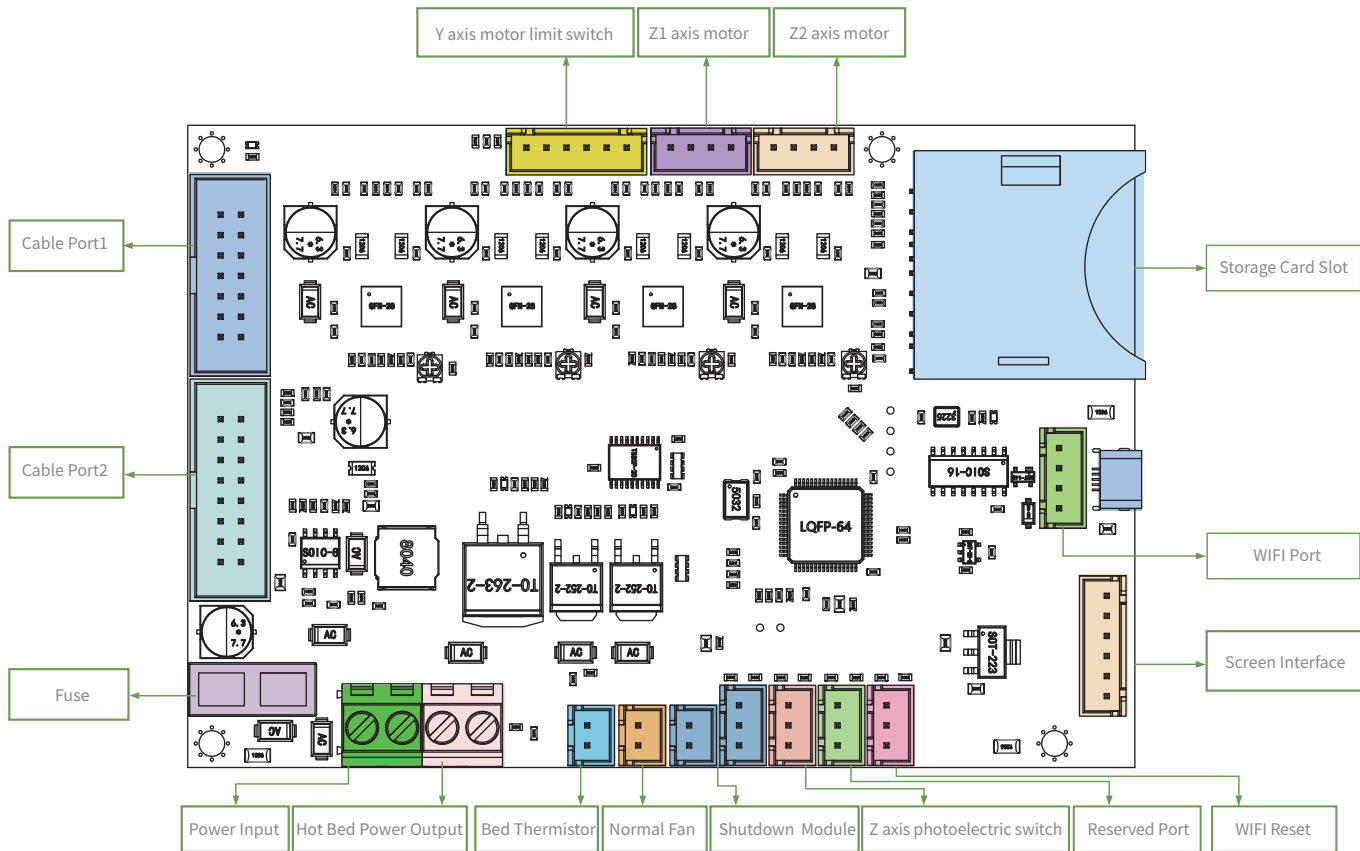




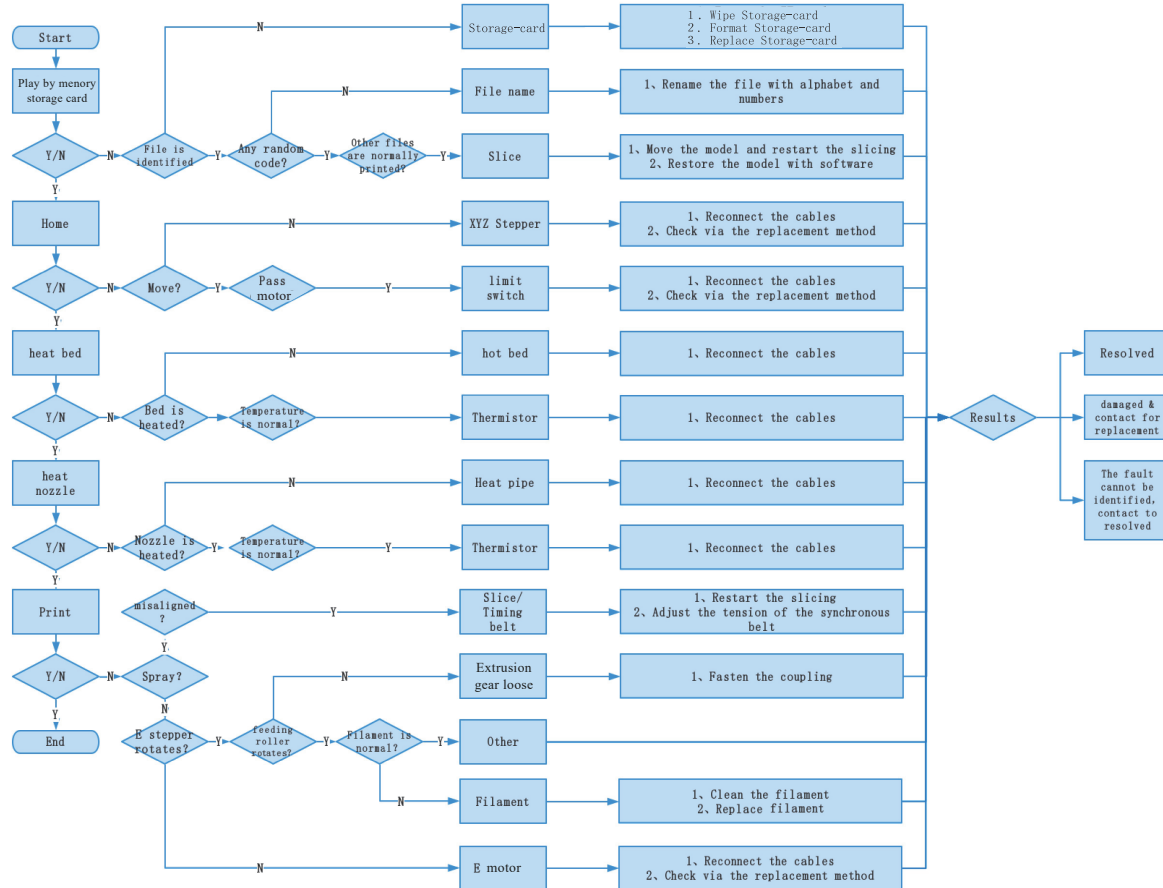
1. Rotate the glass pick-and-place handleplate for platform replacement. (as shown in figure A)
2. Then manually turn the knob to the appropriate tightness to avoid belt breakage. (as shown in figure B)
3. Please use clean water to clean the dirt on the flat pallet.
4. The machine will restart after power interruption and pop out the “resume printing” button. Please clear the redundant filament between the nozzle and model before resumption to avoid printing failure.



# 18. Circuit Wiring



# 19. Trouble-shooting



Due to the differences between different machine models, the physical objects and the final images can differ. The final explanation rights shall be reserved by Shenzhen Creality 3D Technology Co., Ltd.

**SHENZHEN CREALITY 3D TECHNOLOGY CO., LTD.**

Etage 18, Immeuble JinXiuHongDu, Blvd de Meilong, District Longhua, Shenzhen, Chine, 518131

**SHENZHEN CREALITY 3D TECHNOLOGY CO., LTD.**

18. Etage, JinXiuHongDu Hochhaus, Meilong Straße, Longhua Bezirk, 518131, Shenzhen, VR China.

**SHENZHEN CREALITY 3D TECHNOLOGY CO., LTD**

Edificio Jinxiu Hongdu 18F, Viale di Meilong, abitazione residenziale di Xin'niu del Quartiere di Minzhi del Distretto di Longhua della Citta' di Shenzhen.

**SHENZHEN CREALITY 3D TECHNOLOGY CO., LTD**

Piso 18, Edificio de Jinxiu Hongdu, Avenida de Meilong, Comunidad de Xinniu, Subdistrito de Minzhi, Distrito de Longhua, Ciudad de Shenzhen.



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**SHENZHEN CREALITY 3D TECHNOLOGY CO., LTD.**

Add: 18F, JinXiuHongDu Building, Meilong Blvd., Longhua Dist., Shenzhen, China 518131

Official Website: [www.creality.com](http://www.creality.com)

Tel: +86 755-8523 4565

E-mail: [info@creality.com](mailto:info@creality.com) [cs@creality.com](mailto:cs@creality.com)

