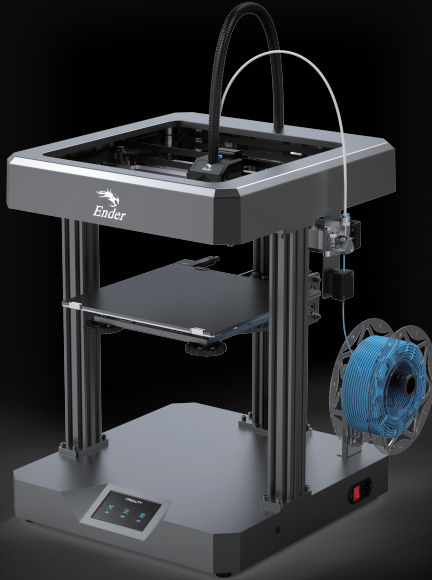




Create reality, achieve dreams

# Ender-7

Ender-7



## 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.

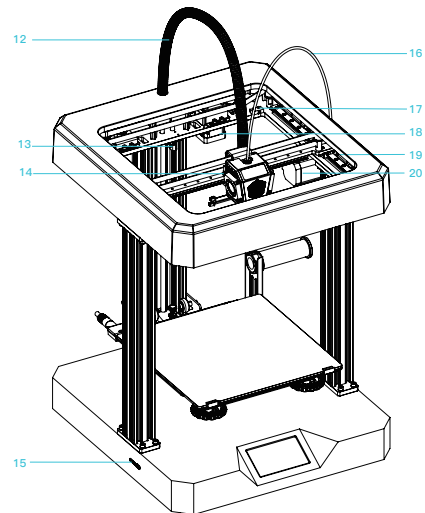
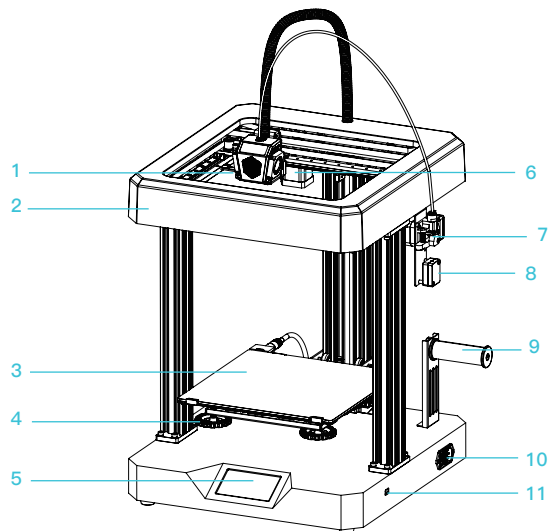
## Mise à niveau du micrologiciel

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 pas toucher la buse ou la surface d'impression pendant le fonctionnement car elles peuvent être chaudes. Gardez les mains éloignées de la machine pendant son utilisation afin d'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 Kit de buse
- 2 Couvercle supérieur
- 3 Plate-forme d'impression
- 4 Écrou de mise à niveau du lit
- 5 Écran LCD
- 6 Moteur d'axe X
- 7 Extrudeuse à distance

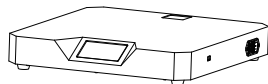
- 8 Détecteur de filaments
- 9 Porte-filament
- 10 Connexion du câble d'alimentation
- 11 Commutateur de tension
- 12 Soufflet
- 13 Interrupteur de fin de course d'axe Z
- 14 Interrupteur de fin de course d'axe X

- 15 Emplacement pour carte de stockage et interface Type-C
- 16 Tube en téflon
- 17 Interrupteur de fin de course d'axe Y
- 18 Moteur d'axe Y
- 19 Rails coulissants
- 20 Moteur d'axe E

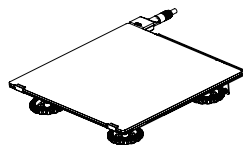
### Paramètres de base

|                         |  |
|-------------------------|--|
| Modèle                  | Ender-7                                      |
| Taille d' impression    | 250*250*300mm                                |
| 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                | 1,75mm PLA                                   |
| Format de fichier       | STL/OBJ/AMF                                  |
| Transfert de fichiers   | USB/Carte de stockage                        |
| Logiciel slice          | Crealty Slicer/Cura/Repetier-Host/Simplify3D |
| Tension nominale        | Entrée : AC115/230V 50/60Hz Sortie : DC24V   |
| Puissance nominale      | 350W   |
| Température du lit      | ≤100°C                                       |
| Température de la buse  | ≤260°C                                       |
| Reprendre l' impression | Oui  |
| Détecteur de filaments  | Oui  |
| Langue                  | French                                       |
| Système d' exploitation | Windows XP/7/8/10 MAC/Linux                  |
| Vitesse d' impression   | ≤250mm/s                                     |

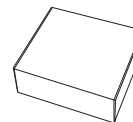
### 3. Liste des pièces



1 Cadre de base



2 Plate-forme d'impression



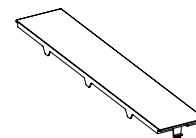
3 Boîte à outils



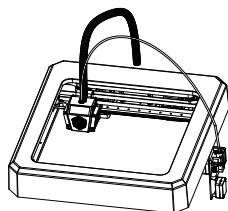
4 Filament



5 Composants de l'axe Z



6 Couvercle de l'axe Z



7 Composant supérieur





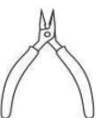













8 Porte-filament



9 Profil de l'axe Z

#### Liste d'outils

-  10 Bobine et écrous x1
-  11 Clés hexagonales, clé et tournevis x1
-  12 Clé à douille x1
-  13 Vis à tête cylindrique M4\*6 x12
-  14 Pince diagonale x1
-  15 Vis à tête ronde plate hexagonale M4\*10 x2
-  16 Nettoyeur de buse x1
-  17 Carte de stockage et lecteur de carte x1
-  18 Clip bleu de rechange x2
-  19 Spade x1
-  20 Buse x2
-  21 Serre-câbles x1
-  22 Vis Sems M5\*18 x 24
-  23 Connecteurs de câble x3
-  24 Rondelles de blocage dentelées x2
-  25 Cordon d'alimentation x1

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.

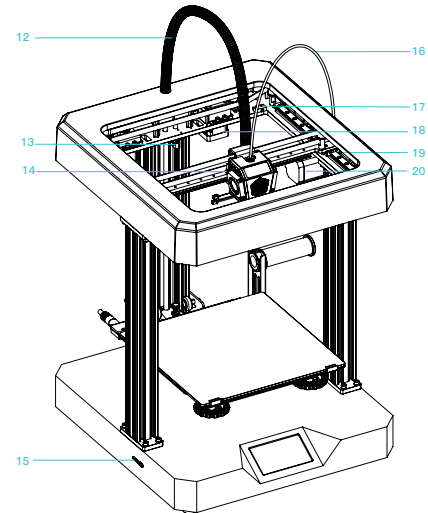
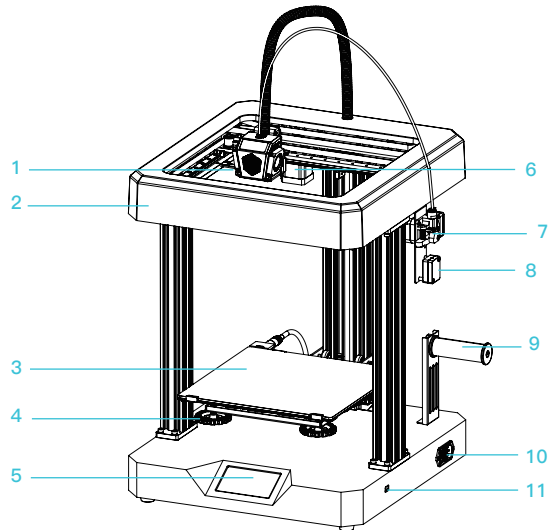
## Firmware-Upgrade

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.

- 1 Verwenden Sie den Drucker nicht auf eine andere als die hier beschriebene Weise, um Personen- oder Sachschäden zu vermeiden.
- 2 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.
- 3 Setzen Sie den Drucker keinen starken Vibrationen oder einer instabilen Umgebung aus, da dies die Druckqualität beeinträchtigen kann.
- 4 Bitte verwenden Sie das empfohlene Harz, um eine Beschädigung des Geräts zu vermeiden.
- 5 Verwenden Sie kein anderes als das mitgelieferte Netzkabel. Verwenden Sie immer eine geerdete, dreipolige Steckdose.
- 6 Berühren Sie während des Betriebs nicht die Düse oder die Druckoberfläche, da diese heiß sein können. Halten Sie die Hände vom Gerät fern, während es in Betrieb ist, um Verbrennungen oder Verletzungen zu vermeiden.
- 7 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.
- 8 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.
- 9 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.
- 10 Kinder unter 10 Jahren sollten den Drucker nicht unbeaufsichtigt benutzen.
- 11 Tipps: Nicht das Stromkabel einstecken oder abziehen, wenn es eingeschaltet ist.
- 12 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 Düsenkit
- 2 Obere Abdeckung
- 3 Druckplattform
- 4 Bettausgleichsmutter
- 5 LCD-Anzeige
- 6 X-Achsmotor
- 7 Fernextruder

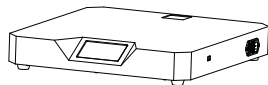
- 8 Filamentdetektor
- 9 Filamenthalter
- 10 Netzkabelanschluss
- 11 Spannungsumschalter
- 12 Faltenbalg
- 13 Begrenzungsschalter Z-Achse
- 14 Begrenzungsschalter X-Achse

- 15 Speicherkartensteckplatz & Typ-C-Schnittstelle
- 16 Teflonrohr
- 17 Begrenzungsschalter Y-Achse
- 18 Y-Achsmotor
- 19 Gleitschienen
- 20 E-Achsmotor

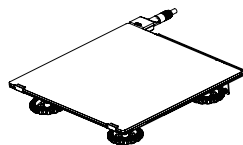
### Grundparameter

|                      |   |
|----------------------|---|
| Modell               | Ender-7                                       |
| Druckgröße           | 250*250*300mm                                 |
| Formgebungstechnik   | FDM   |
| Düsen-Nummer         | 1   |
| Scheibendicke        | 0,1mm-0,4mm                                   |
| Düsen-Durchmesser    | Standard 0,4mm                                |
| Präzision            | ±0,1mm  |
| Filament             | 1,75mm PLA                                    |
| Dateiformat          | STL/OBJ/AMF                                   |
| Dateiübertragung     | USB/Speicherkarte                             |
| Schneide-Software    | Creality Slicer/Cura/Repetier-Host/Simplify3D |
| Netzversorgung       | Eingang: 115/230V AC 50/60Hz Ausgabe: 24V DC  |
| Nennleistung         | 350W  |
| Bett-Temperatur      | ≤100°C  |
| Düsentemp.           | ≤260°C  |
| Druck fortsetzen     | Ja  |
| Filamentdetektor     | Ja  |
| Sprache              | German  |
| Betriebssystem       | Windows XP/7/8/10 MAC/Linux                   |
| Druckgeschwindigkeit | ≤250mm/s                                      |

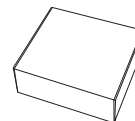
### 3. Liste des pièces



1 Grundrahmen



2 Druckplattform



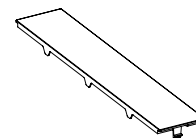
3 Werkzeugkasten



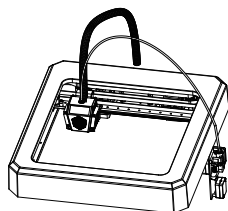
4 Filament



5 Bauteile Z-Achse



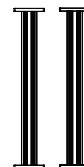
6 Z-Achsen-Abdeckung



7 Obere Komponente



8 Spulhalter



9 Z-Achsen-Profil

#### Werkzeugliste

-  **10** Spule & Muttern x1
-  **11** Inbusschlüssel, Schraubenschlüssel & Schraubendreher x1
-  **12** Steckschlüssel x1
-  **13** M4\*6-Halbrundschaube x 12
-  **14** Diagonalzange x1
-  **15** M4\*10 Sechskant-Flachrundkopfschraube x 2
-  **16** Düsenreiniger x1
-  **17** Speicherkarte & Kartenlesegerät x1
-  **18** Blaue Ersatzklemme x2
-  **19** Spaten x1
-  **20** Düse x2
-  **21** Kabelbinder x1
-  **22** M5\*18-Kombischraube x 24
-  **23** Kabelanschlüsse x 3
-  **24** Gezahnte Sicherungsscheiben x 2
-  **25** Netzkabel 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.

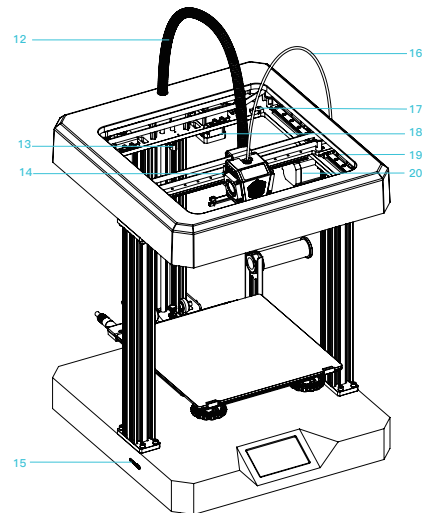
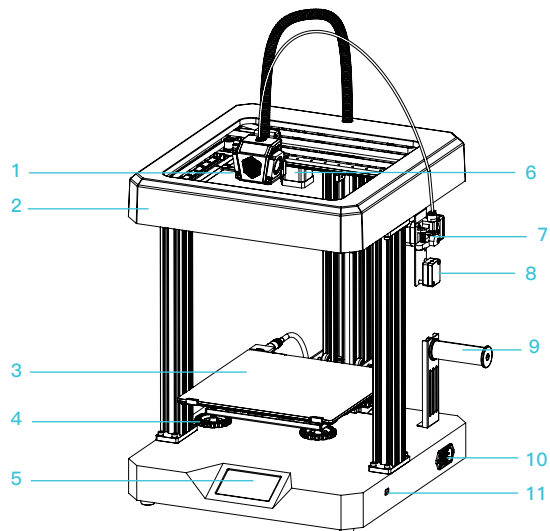
## Aggiornamento del firmware

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 o la superficie di stampa durante il funzionamento perché potrebbero essere caldi. Non avvicinare le mani alla 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 Set di ugelli
- 2 Coperchio superiore
- 3 Piattaforma di stampa
- 4 Dado di livellamento del piano
- 5 Schermo LCD
- 6 Asse X del motore
- 7 Estrusore remoto

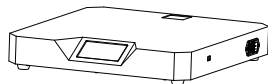
- 8 Rilevatore di filamento
- 9 Supporto del filamento
- 10 Collegamento del cavo di alimentazione
- 11 Interruttore di commutazione della tensione
- 12 Soffietto
- 13 Interruttore di fine corsa asse Z
- 14 Interruttore di fine corsa asse X

- 15 Slot per scheda di memoria e interfaccia Type-C
- 16 Tubo in teflon
- 17 Interruttore di fine corsa asse Y
- 18 Asse Y del motore
- 19 Guide di scorrimento
- 20 Asse E del motore

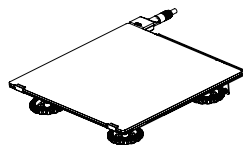
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|                         |  |
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| Diamètre de la buse     | Standard 0,4mm                               |
| Précision               | ±0,1mm                                       |
| Filament                | 1,75mm PLA                                   |
| Format de fichier       | STL/OBJ/AMF                                  |
| Transfert de fichiers   | USB/Carte de stockage                        |
| Logiciel slice          | Crealty Slicer/Cura/Repetier-Host/Simplify3D |
| Tension nominale        | Entrée : AC115/230V 50/60Hz Sortie : DC24V   |
| Puissance nominale      | 350W   |
| Température du lit      | ≤100°C                                       |
| Température de la buse  | ≤260°C                                       |
| Reprendre l' impression | Oui  |
| Détecteur de filaments  | Oui  |
| Langue                  | French                                       |
| Système d' exploitation | Windows XP/7/8/10 MAC/Linux                  |
| Vitesse d' impression   | ≤250mm/s                                     |

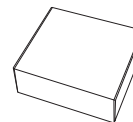
### 3. Elenco delle parti



1 Telaio della base



2 Piattaforma di stampa



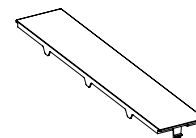
3 Cassetta degli attrezzi



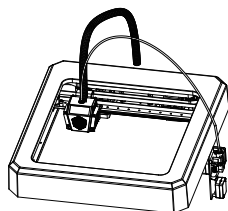
4 Filamento



5 Componenti dell'asse Z



6 Copertura dell'asse Z



7 Componente superiore

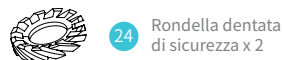
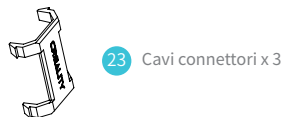
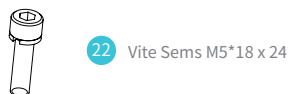
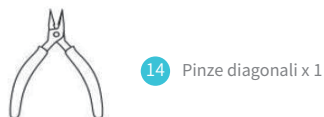


8 Supporto bobina



9 Profilo dell'asse Z

#### Elenco degli utensili



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.

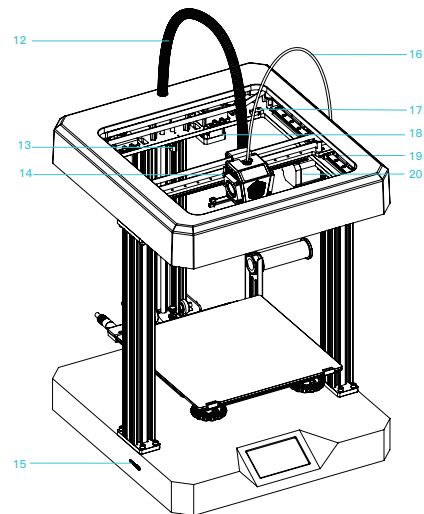
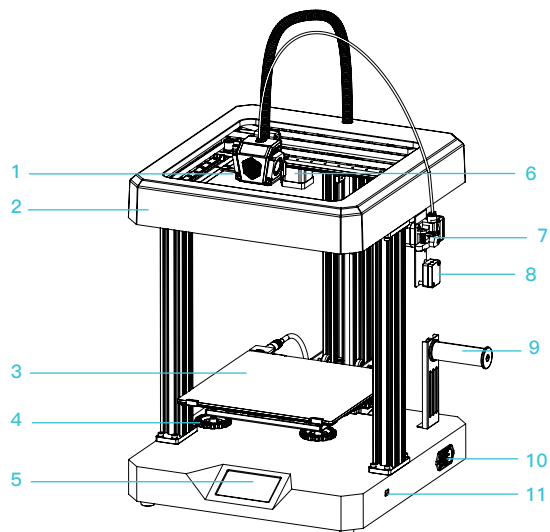
Visite nuestro sitio web oficial, [www.creality.com](http://www.creality.com), donde hallará información pertinente del hardware/software, datos de contacto, así como también instrucciones en lo referido al mantenimiento.

## 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 No toque la boquilla o la superficie de la impresora mientras esté en uso ya que pueden estar calientes. Mantenga sus manos alejadas del aparato mientras esté en uso para evitar quemaduras o lesiones.
- 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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| Introducción . . . . .              | 25-25 |
| Parámetros . . . . .                | 26-26 |
| Lista de piezas . . . . .           | 27-28 |
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| Uso de la impresora 3D . . . . .    | 47-52 |
| Comience a imprimir . . . . .       | 53-54 |
| Mantenimiento . . . . .             | 55-55 |
| Mantenimiento de equipo . . . . .   | 56-56 |
| Cableado del circuito . . . . .     | 57-57 |
| Resolución de problemas . . . . .   | 58-58 |



1 Kit de boquilla

2 Cubierta superior

3 Plataforma de Impresión

4 Tuerca de nivelación de la Base

5 Pantalla LCD

6 Motor de eje X

7 Extrusor Remoto

8 Detector de Filamento

9 Soporte de Filamento

10 Conexión de cable de corriente

11 Interruptor de voltaje

12 Fuelles

13 Interruptor de límite de eje Z

14 Interruptor de límite de eje X

15 Casilla para ficha de almacenamiento e interfaz de tipo C

16 Tubo de teflón

17 Interruptor de límite de eje Y

18 Motor de eje Y

19 Deslizadores

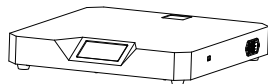
20 Motor de eje E



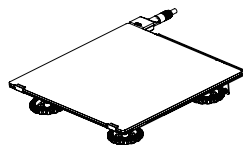
### Parámetros Básicos

|                          |   |
|--------------------------|---|
| Modelo                   | Ender-7   |
| Tamaño de impresión      | 250*250*300mm                                   |
| Tecnología de moldeo     | FDM   |
| Número de Boquillas      | 1   |
| Grosor de corte          | 0,1mm-0,4mm                                     |
| Diámetro de la boquilla  | Estándar 0,4mm                                  |
| Precisión                | ±0,1mm  |
| Filamento                | 1,75mm PLA                                      |
| Formato de Archivo       | STL/OBJ/AMF                                     |
| Transferencia de archivo | USB/Tarjeta de almacenamiento                   |
| Software Slice           | Creativity Slicer/Cura/Repetier-Host/Simplify3D |
| Suministro de energía    | Entrada: AC115/230v 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  |
| Idioma                   | Spanish   |
| Sistema operativo        | Windows XP/7/8/10 MAC/Linux                     |
| Velocidad de impresión   | ≤250mm/s  |

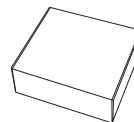
### 3. Lista de Piezas



1 Marco de la Base



2 Plataforma de impresión



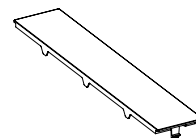
3 Caja de herramientas



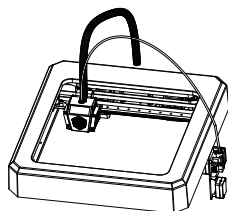
4 Filamento



5 Componentes del Eje Z



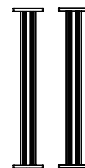
6 Cubierta de eje Z



7 Componente superior



8 Soporte de espátula



9 Perfil de eje Z

#### Lista de herramientas

-  **10** Bobina y tuercas x 1
-  **11** Llaves hexagonales, Llave y Destornillador x 1
-  **12** Llave de vaso x 1
-  **13** Tornillos de cabeza acopada M4\*6 x 12
-  **14** Alicates diagonales x 1
-  **15** Tornillos de cabeza redondeada plana hexagonal M4\*10 x 2
-  **16** Limpiador de boquilla x 1
-  **17** Tarjeta de almacenamiento y lector de tarjeta x 1
-  **18** Clip azul de repuesto x 2
-  **19** Espátula x 1
-  **20** Boquilla x 2
-  **21** Bridas x 1
-  **22** Tornillos Sems M5\*18 x 24
-  **23** Conectores de cable x 3
-  **24** Arandelas de bloqueo serradas x 2
-  **25** Cable de corriente 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.

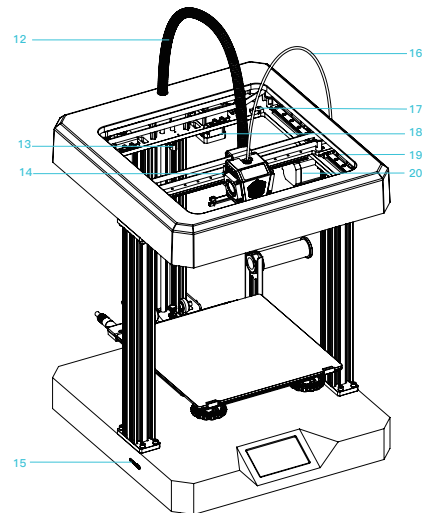
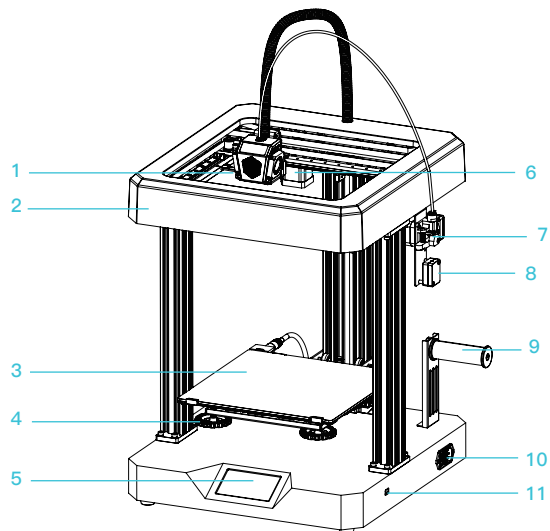
Visit our official website [www.creality.com](http://www.creality.com) to find relevant software/hardware information, contact details and operation and maintenance instructions.

## 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 herein 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 or printing surface 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.

|                                   |       |
|-----------------------------------|-------|
| Introduction . . . . .            | 32-32 |
| Parameters . . . . .              | 33-33 |
| Parts List . . . . .              | 34-35 |
| Assemble the 3D Printer . . . . . | 36-46 |
| Use the 3D Printer . . . . .      | 47-52 |
| Start Printing . . . . .          | 53-54 |
| Maintenance . . . . .             | 55-55 |
| Equipment Maintenance . . . . .   | 56-56 |
| Circuit Wiring . . . . .          | 57-57 |
| Trouble-shooting . . . . .        | 58-58 |



- 1 Nozzle Kit
- 2 Upper Cover
- 3 Printing Platform
- 4 Bed Leveling Nut
- 5 LCD Screen
- 6 X Axis Motor
- 7 Remote Extruder

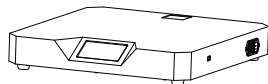
- 8 Filament Detector
- 9 Filament Holder
- 10 Power Cable Connection
- 11 Voltage switching switch
- 12 Bellows
- 13 Z Axis Limit Switch
- 14 X Axis Limit Switch

- 15 Storage card slot & Type-C interface
- 16 Teflon tube
- 17 Y Axis Limit Switch
- 18 Y Axis Motor
- 19 Sliding rails
- 20 E Axis Motor

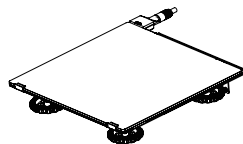
| Basic Parameters  |   |
|-------------------|---|
| Model             | Ender-7   |
| Printing Size     | 250*250*300mm                                   |
| Molding Tech      | FDM   |
| Nozzle Number     | 1   |
| Slice Thickness   | 0.1mm-0.4mm                                     |
| Nozzle Diameter   | Standard 0.4mm                                  |
| Precision         | ±0.1mm  |
| Filament          | 1.75mm PLA                                      |
| File Format       | STL/OBJ/AMF                                     |
| File Transfer     | USB/Storage card                                |
| Slice Software    | Creativity Slicer/Cura/Repetier-Host/Simplify3D |
| Rated Voltage     | Input:AC115/230V 50/60Hz Output:DC 24V          |
| Rated Power       | 350W  |
| Bed Temp          | ≤100°C  |
| Nozzle Temp       | ≤260°C  |
| Resume Printing   | Yes   |
| Filament Detector | Yes   |
| Language          | English   |
| Operating System  | Windows XP/7/8/10 MAC/Linux                     |
| Printing Speed    | ≤250mm/s  |



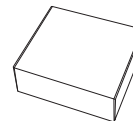
### 3. Parts List



1 Base Frame x 1



2 Printing Platform x 1



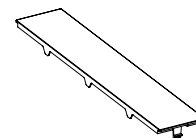
3 Tool Box x 1



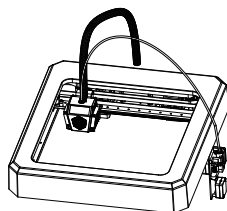
4 Filament x 1



5 Z-axis Component



6 Z-axis Cover



7 Top component



8 Filament Holder



9 Z-axis profile



#### Tool list



10 Spool & Nuts x 1



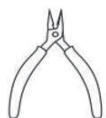
11 Hex keys, Wrench x 1 & Screwdriver



12 Socket Spanner x 1



13 M4\*6 cup head x12 screw



14 Diagonal Pliers x 1



15 M4\*10 Hexagon flat round head screw x2



16 Nozzle Cleaner x 1



17 Storage Card & x 1 Card Reader



18 Spare Blue clip x 2



19 Spade x 1



20 Nozzle x 2



21 Cable Ties x 1



22 M5\*18 Sems Screw x 24



23 Cable connectors x 3



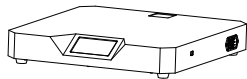
24 Serrated lock washers x 2



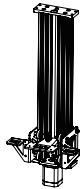
25 Power cord x 1

Tips: the above accessories are for reference only, in kind prevail!

## 4. Install Profile



1 Base Frame x 1



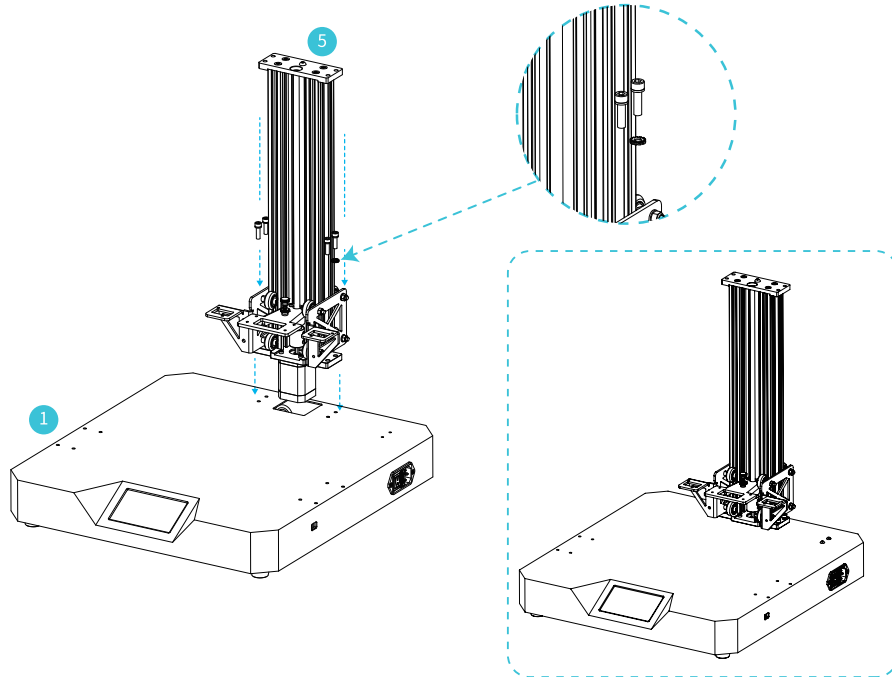
5 Z-axis component



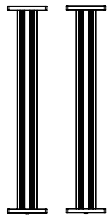
22 M5\*18 Sems Screw x 4



24 Serrated lock washers x 1



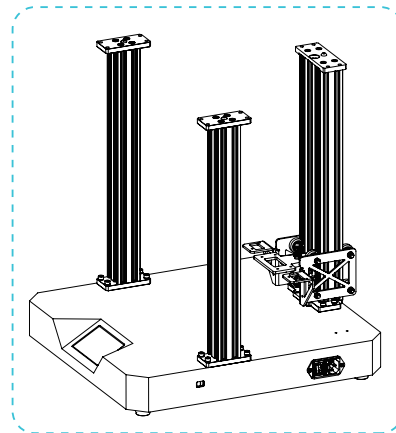
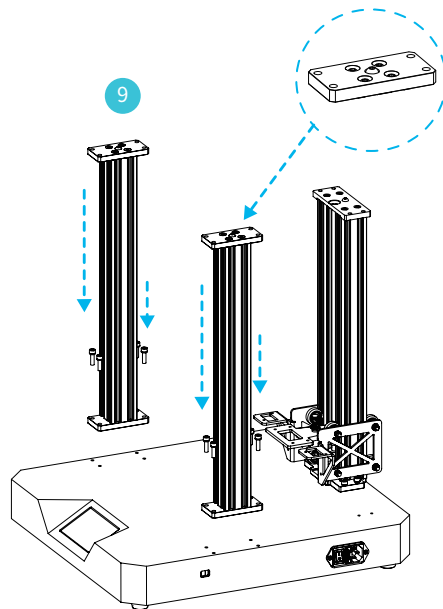
## 4. Install Profile



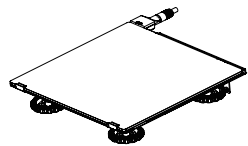
9 Z-axis profile



22 M5\*18 Sems Screw x 8



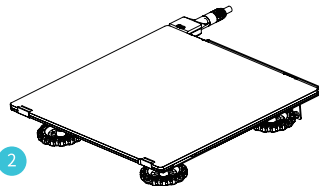
## 5. Install the Printing Platform



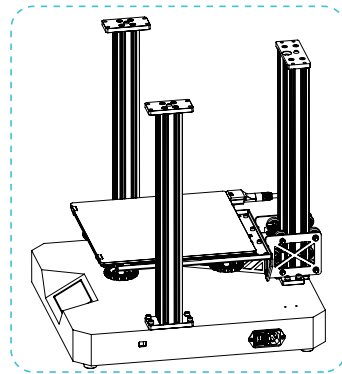
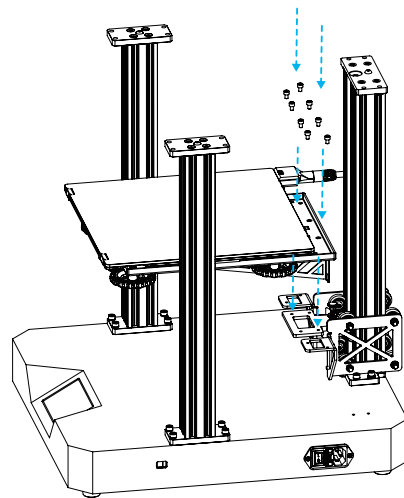
2 Printing Platform x 1



13 M4\*6 cup head x8 screw



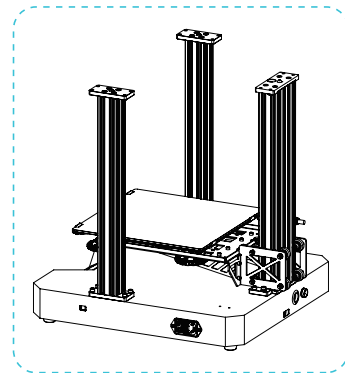
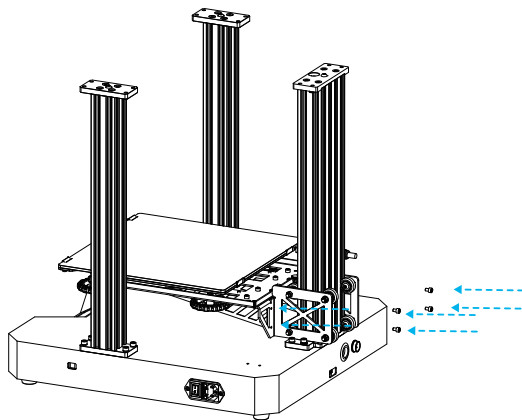
2



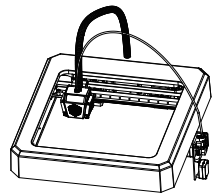
## 5. Install the Printing Platform



- 13 M4\*6 cup head × 4  
screw



## 6. Install Top Component



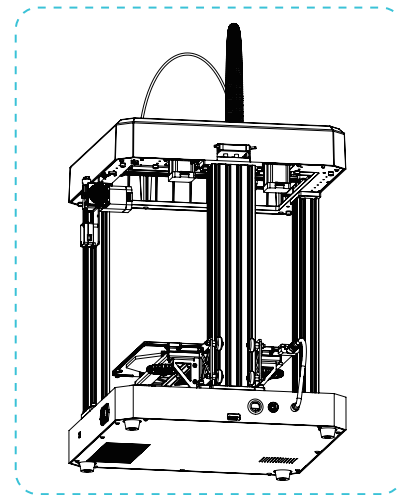
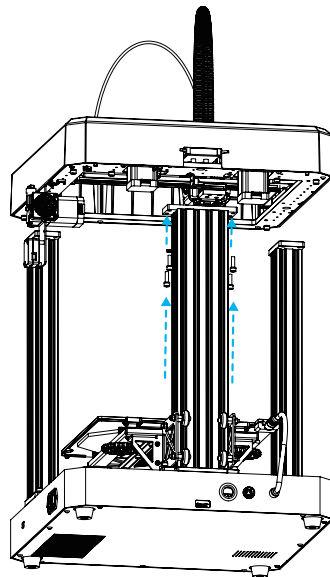
7 Top component



22 M5\*18 Sems Screw x 4



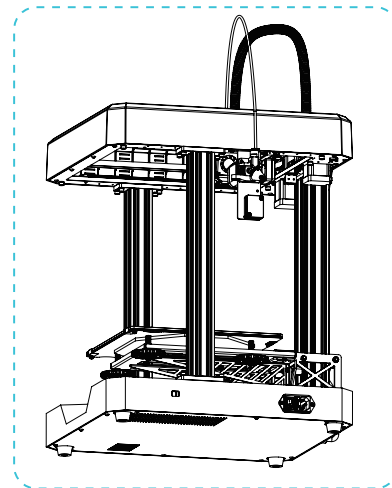
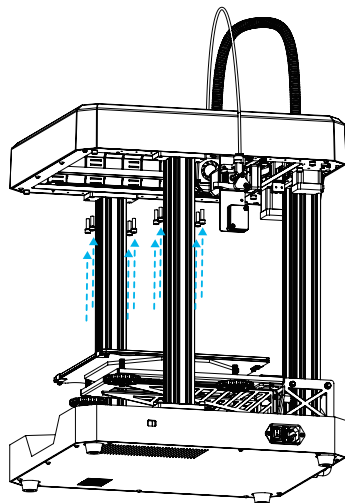
24 Serrated lock washers x 1



## 6. Install Top Component

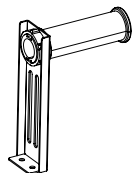


22 M5\*18 Sems Screw x 8





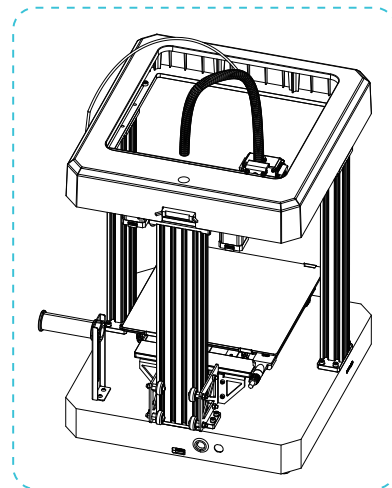
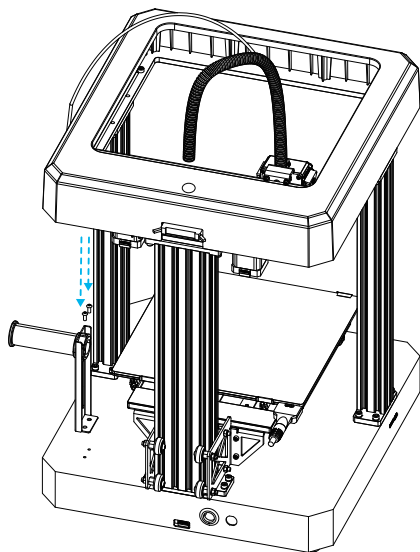
## 7. Install Filament Holder



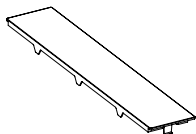
8 Filament Holder



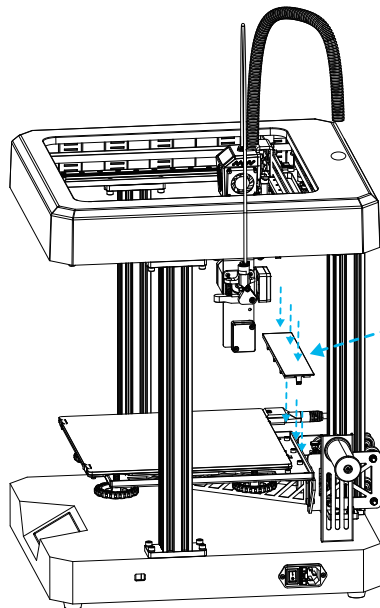
15 M4\*10 Hexagon flat round head screw x2



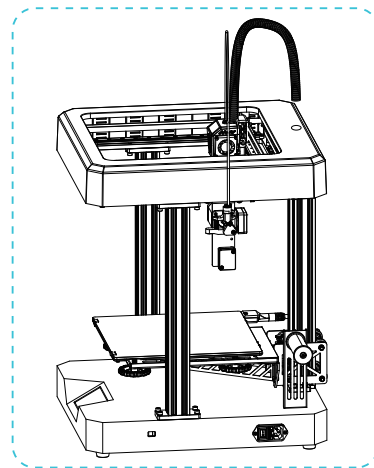
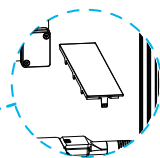
## 8. Install Z-axis Cover



6 Z-axis Cover



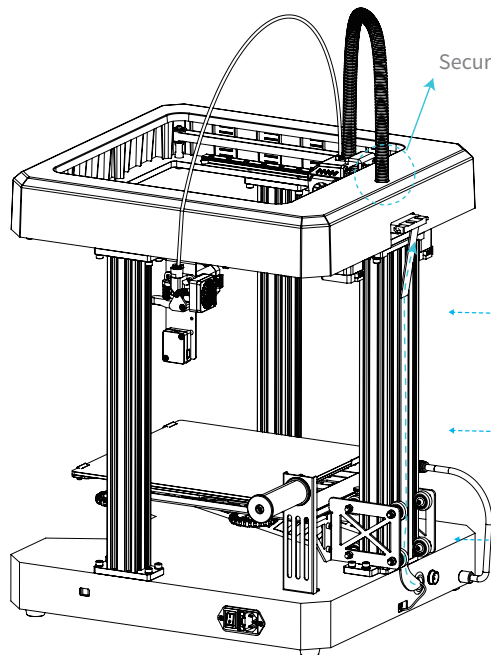
Snap into place in the direction shown in the figure.



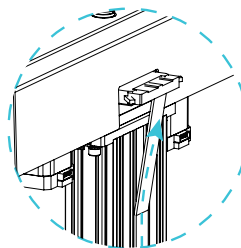
## 9. Cable Connection



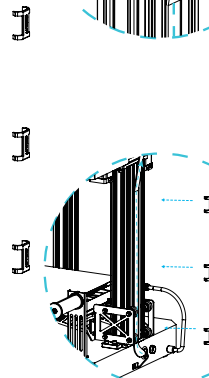
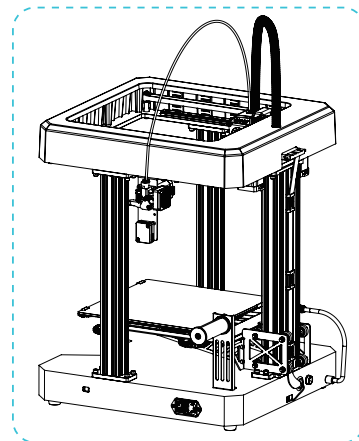
23 Cable connectors x 3



Securely insert the bellow into the mounting hole.

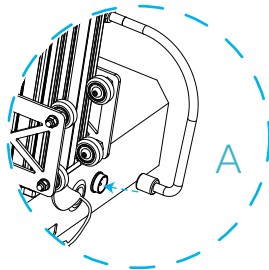
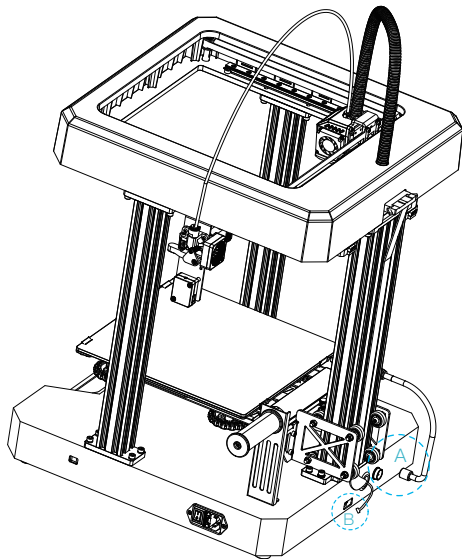


Put the cable plug into the socket

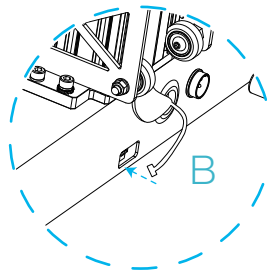


Install the cable connectors

## 9. Cable Connection



Connect the heated bed cable.

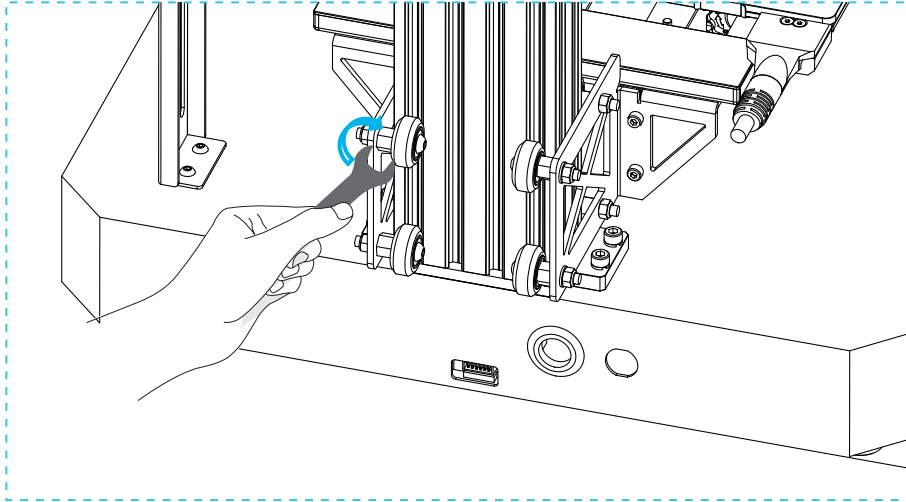


Connect the Z-axis motor cable.



Note: Align the male plug with the female plug and insert.

## 10. Solution for V-wheel jamming of heated bed plate

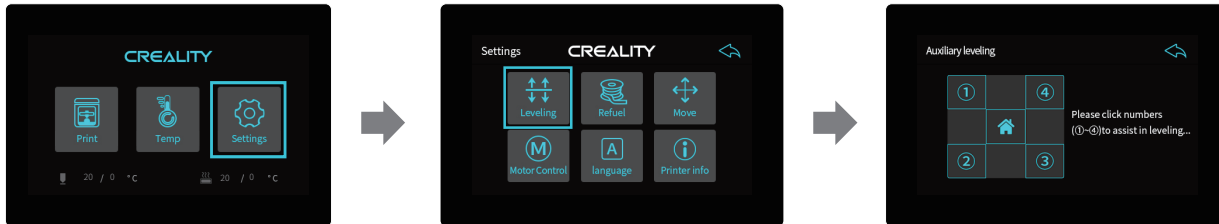


Gently dial the V-wheel manually to check whether it is idling. If idling happens, please use an open-ended wrench to adjust the off-center separation pillar according to the illustrated direction, so that the V wheel is not idling.

Click back to the origin in the interface after power-on, and then go on moving the Z axis independently. Put your hand on the printing platform to observe whether the platform is stuck. If it is, please adjust the off-center separation pillar in the opposite direction according to the illustrated direction to make the V-wheel move smoothly.

## 11. Bed Leveling

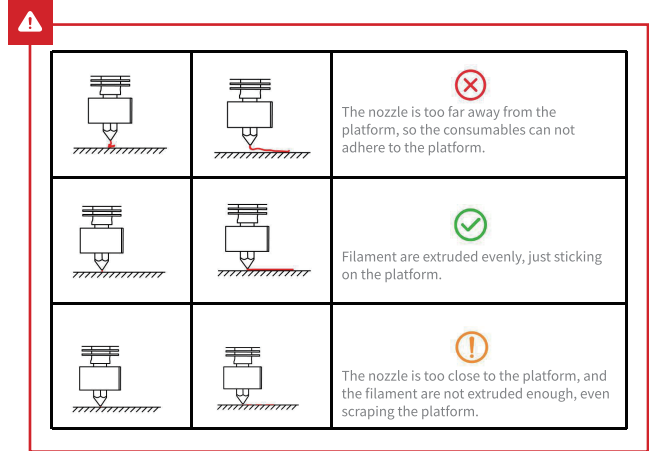
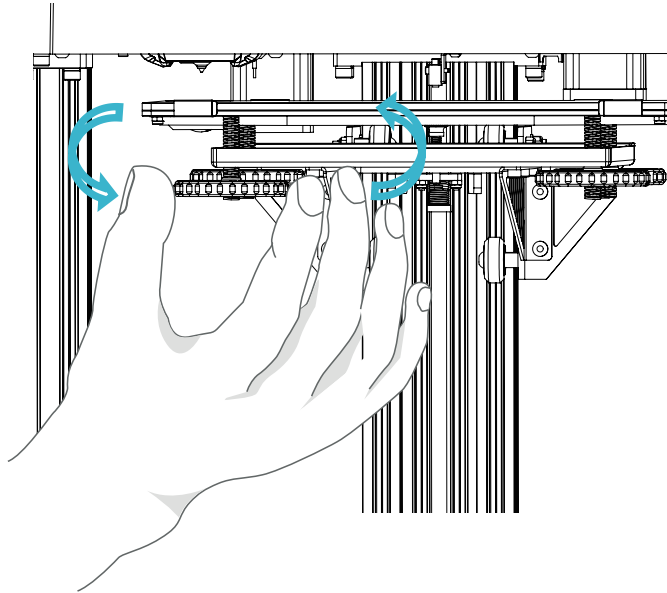
Choose setting-leveling- Aid- leveling,clicking number ①/②/③/④



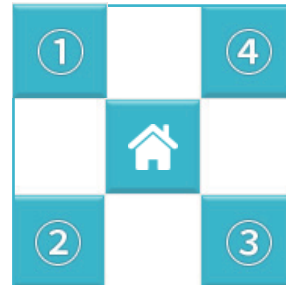
Note: The UI information is only for reference, the actual UI may be different.

## 11. Bed Leveling

Move the nozzle the front/left leveling screw and adjust the platform height by turning the knob underneath (The thickness of a piece of A4 paper).

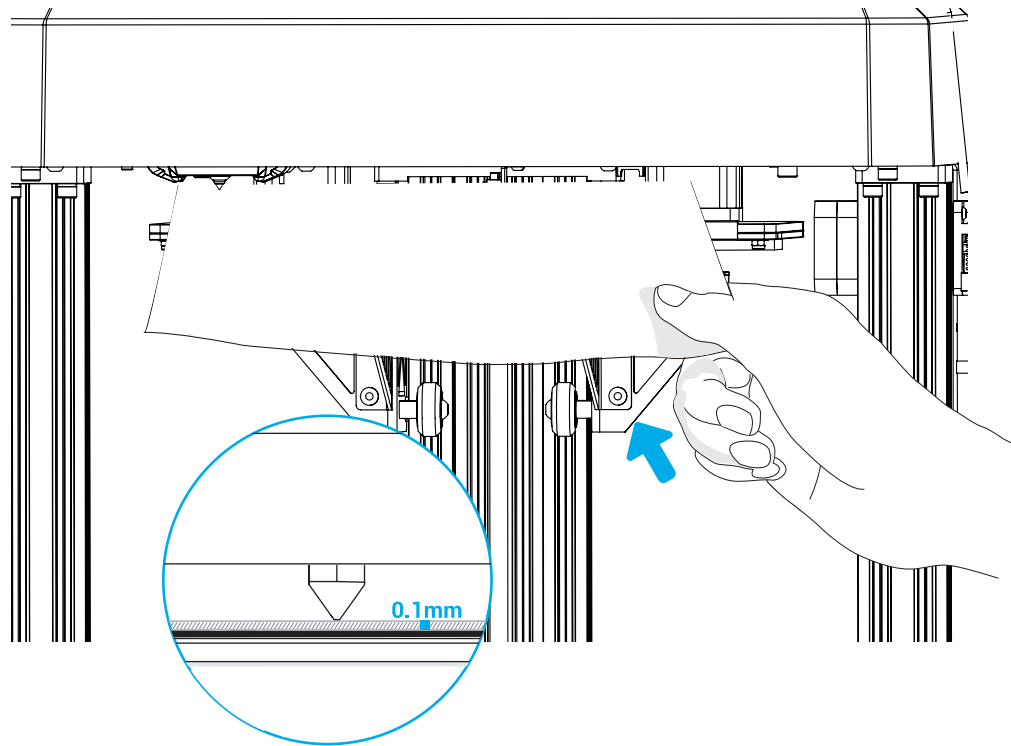


|   |   |   |
|---|---|---|
| A diagram showing a nozzle positioned high above a platform. The nozzle is not touching the platform. | A diagram showing a nozzle positioned very close to a platform, with a red line indicating the gap. | A red circle with a white 'X' inside.<br>The nozzle is too far away from the platform, so the consumables can not adhere to the platform.                               |
| A diagram showing a nozzle touching a platform evenly.  | A diagram showing a nozzle touching a platform evenly.  | A green circle with a white checkmark inside.<br>Filament are extruded evenly, just sticking on the platform.   |
| A diagram showing a nozzle touching a platform, with a red line indicating the gap.                   | A diagram showing a nozzle touching a platform, with a red line indicating the gap.                 | A yellow circle with a white exclamation mark inside.<br>The nozzle is too close to the platform, and the filament are not extruded enough, even scraping the platform. |



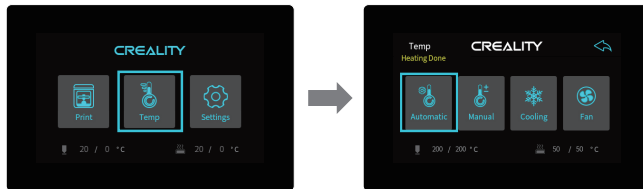
## 11. Bed Leveling

Use a piece of A4 paper (standard printer paper) to assist with the adjustment, making sure that the nozzle lightly scratches the paper. Complete the adjustment of the screw on all 4 corners. Repeat above steps 1-2 times if necessary. Keep adjusting until there is slight resistance on the A4 paper from the nozzle.

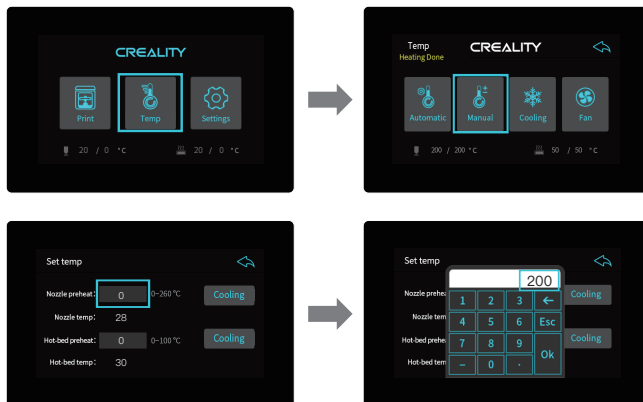




Method 1



Method 2

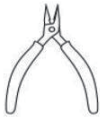


### 13. Load Filament

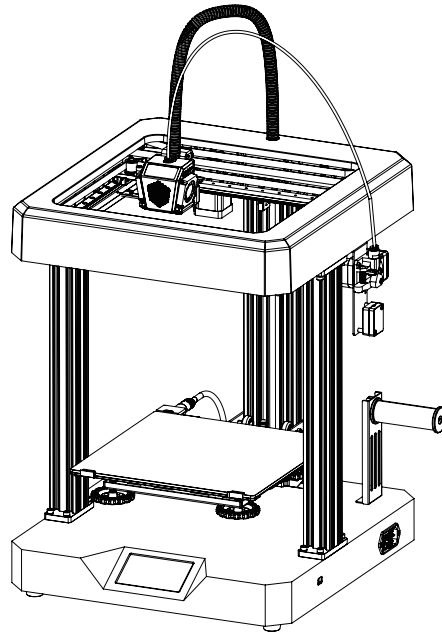
When you wait for the temperature to rise, hang the filament over the Filament Holder.



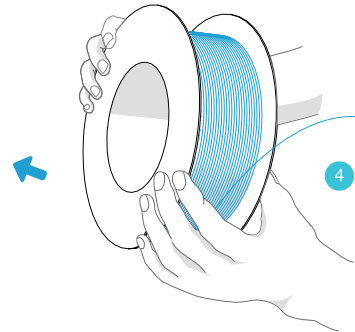
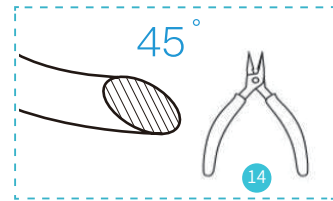
4 Filament x 1



14 Diagonal Pliers x 1

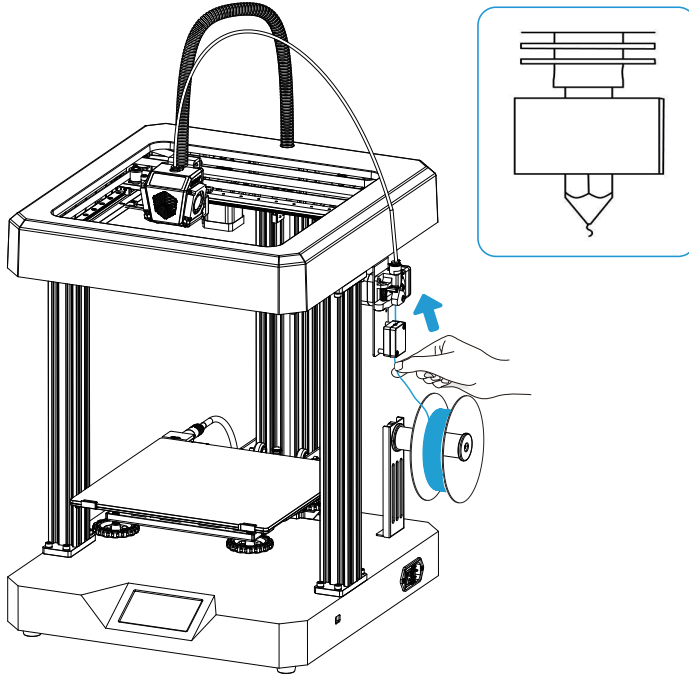


**A** For smoother Load Filament , the end of the filament should be placed as shown below.



## 13. Load Filament

When the current temperature reaches the target temperature, pass the consumables through the material detection test, insert the extruder holes into the nozzle position, and wait for the consumables to flow out of the nozzles .



**Tips:** How to Replace the Filament?

### Method 1:

Insert the new filament into filament runout detection module, the indicator light is on. Click the "Resume after filament runout" in the display, and set the nozzle temperature to 200°C. Take out the remaining filament in the filament runout detection module from the lower part of the extruder after the temperature rises. Push the extruding clamp until the filament is sent into the nozzle through the filament runout detection module.

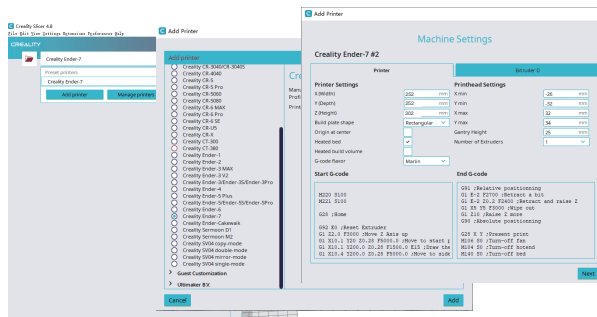
### Method 2:

Insert the new filament into filament runout detection module, the indicator light is on, then click the "Resume after filament runout" in the display. When it starts to print, hold the filament and allow it to go through the extruder. (The filament may not be properly fed into the Teflon tube due to bending or other reasons, resulting in failure of resumption).

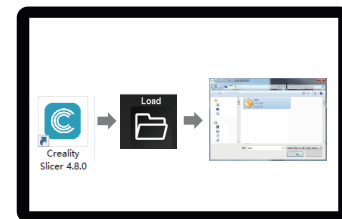
## 14. Start Printing



1. Double click to install the software.
2. Double click to open the software.



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



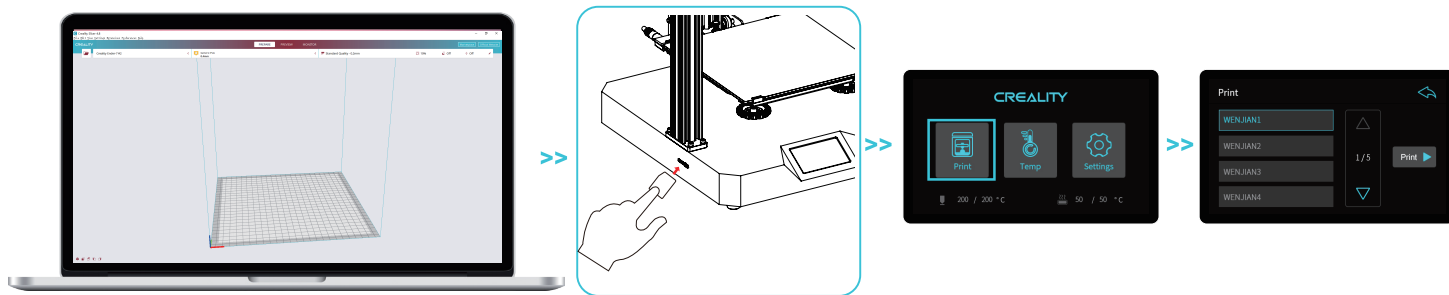
4. Open Creality 3D slicer → Load (Read file) → Select file.

This machine can print at a fast speed, but it is recommended to print at normal speed! Notes: the temperature of the nozzle is set according to the printing speed. Take PLA as an example:

|                    |                         |                         |                         |
|--------------------|-------------------------|-------------------------|-------------------------|
| Cutting speed      | 60mm/s                  | 125mm/s                 | 250mm/s                 |
| Nozzle temperature | Around 200°C<br>200°C左右 | Around 210°C<br>210°C左右 | Around 220°C<br>220°C左右 |

The printing temperature is different owing to the variety of PLA filaments. Please refer to the actual situation.

## 14. Start Printing



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

6. Insert the storage card → Print → Select the file to be printed.



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.

## 15.Maintenance- disassemble the upper cover

First move the nozzle unit to where close to the origin .

Diagram 1: Remove the screws used for fixing of top cover,

Diagram 2: Press the position indicated by red arrow from the inside,

open the buckles on both sides of the top cover and move them upward simultaneously

disengage the buckles, and the top cover is removed.

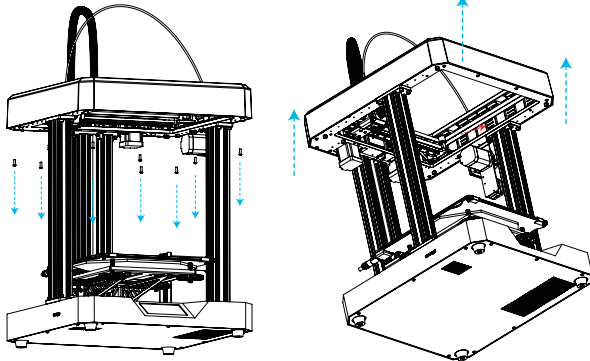


Diagram 1

Diagram2

Diagram 1: Move the nozzle unit to where close to the origin first before assembly.

Diagram 2: Then align the positioning pins of the upper cover with the holes of the mounting plate.

Press the upper cover down again, and then lock the removed screws to the corresponding positions.

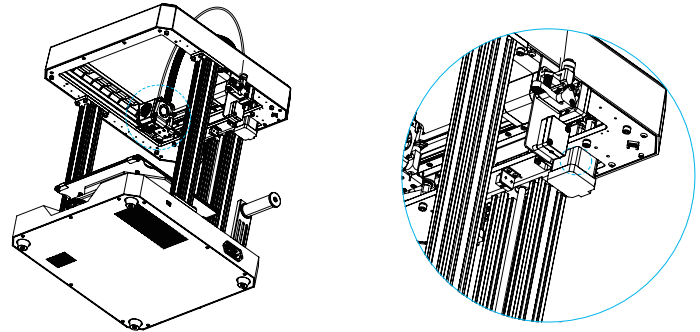
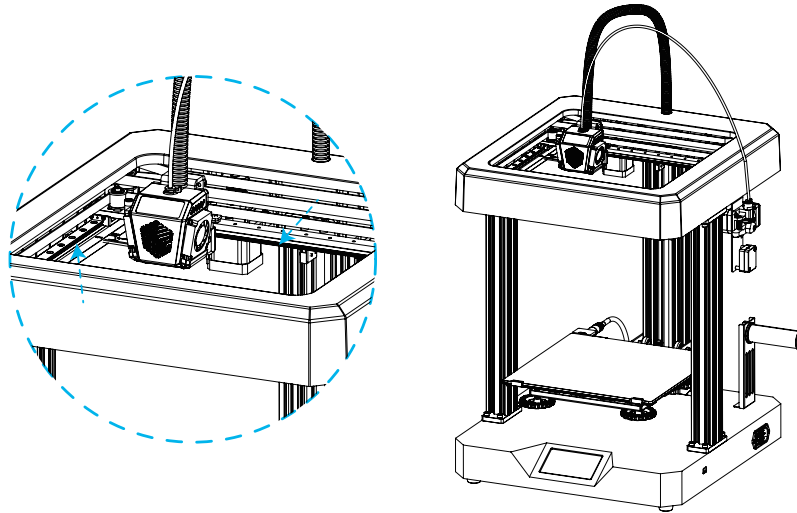


Diagram 1

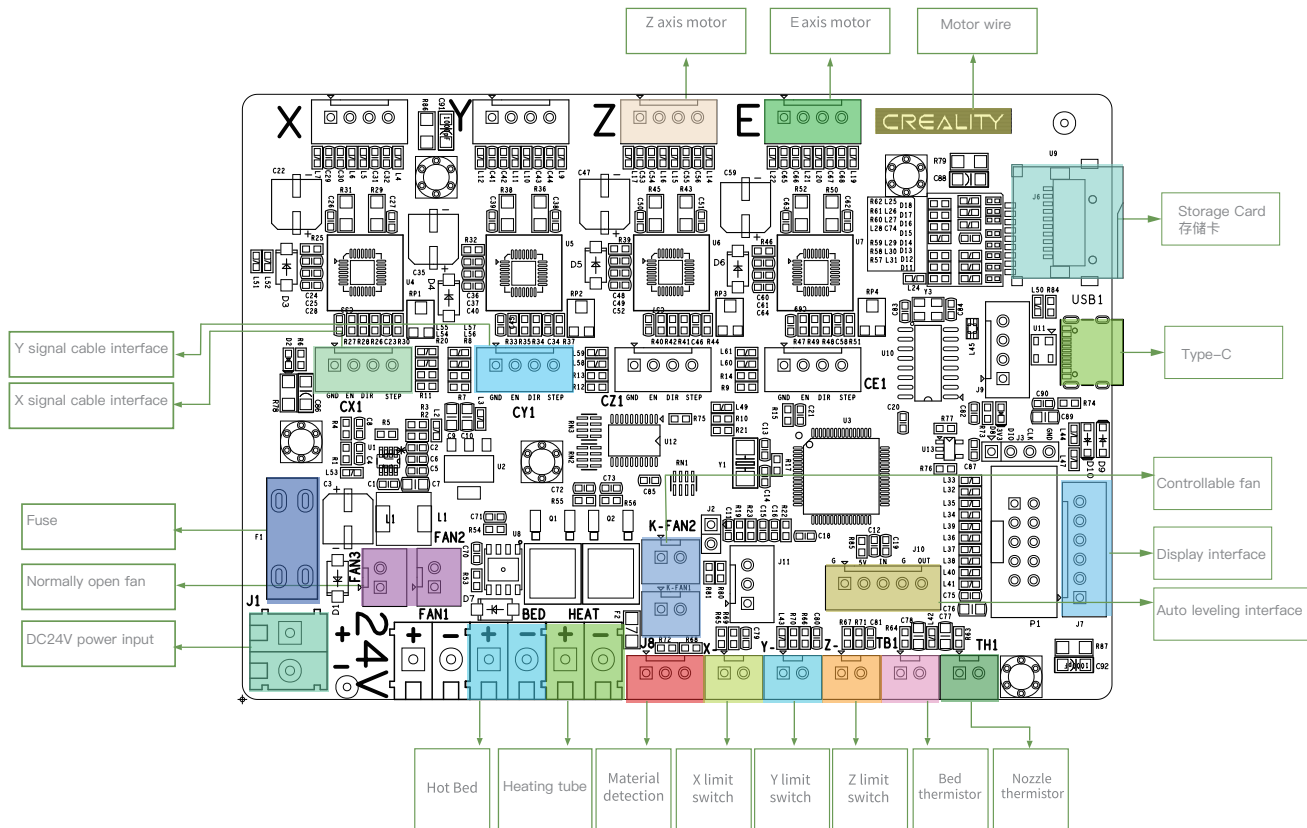
Diagram 2



Maintenance of sliding rails/ sliding blocks:

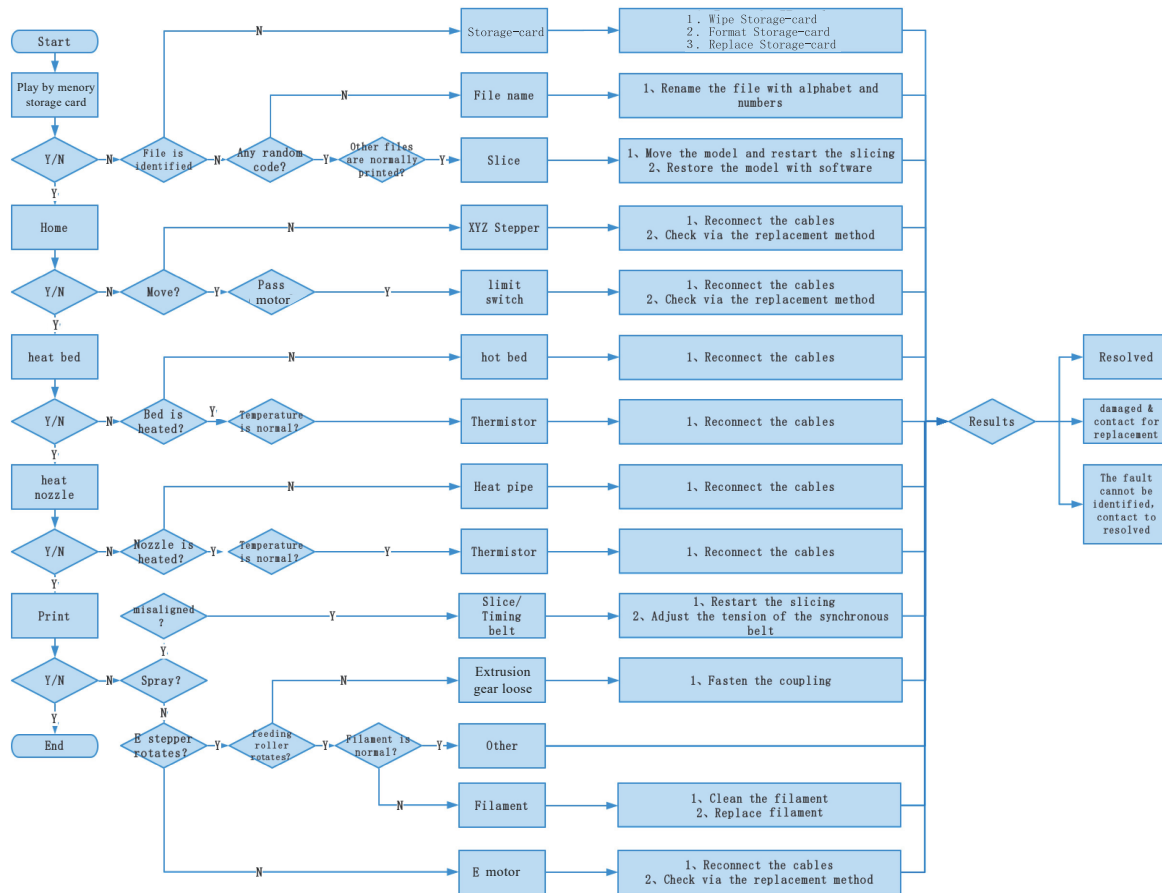
Three sliding rails and sliding blocks in the X/Y line should be periodically maintained (generally per 3-6 months).

When surfaces of sliding rails lack the lubricant or there is abnormal sound during the operation, it means that balls in sliding blocks lack the lubricant and lubricating grease or lubricating fluid should be applied on the sliding rails.





# 18. 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.

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