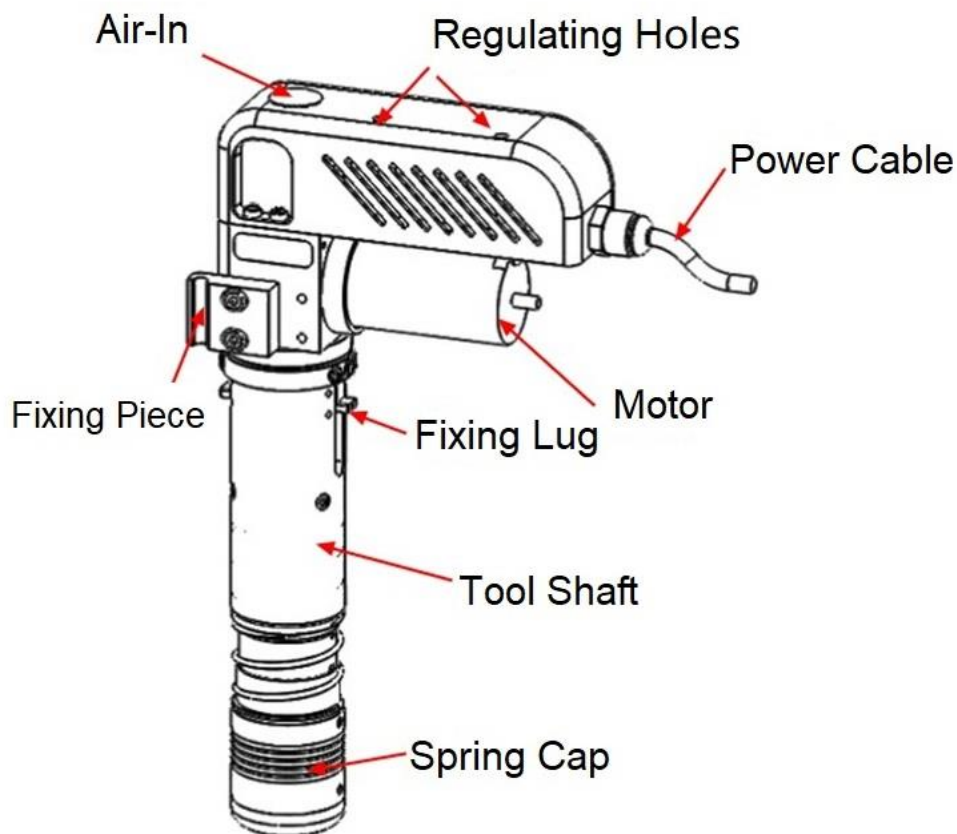


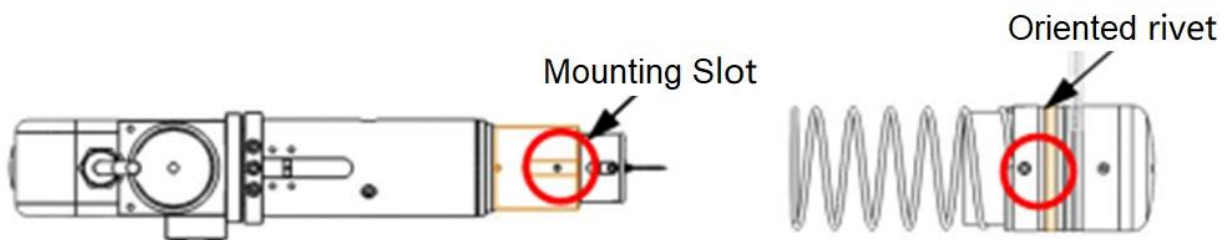
Instructions

Oscillating Tangential Knife Head

Component Instruction



Install & dismantle the Knife Cup

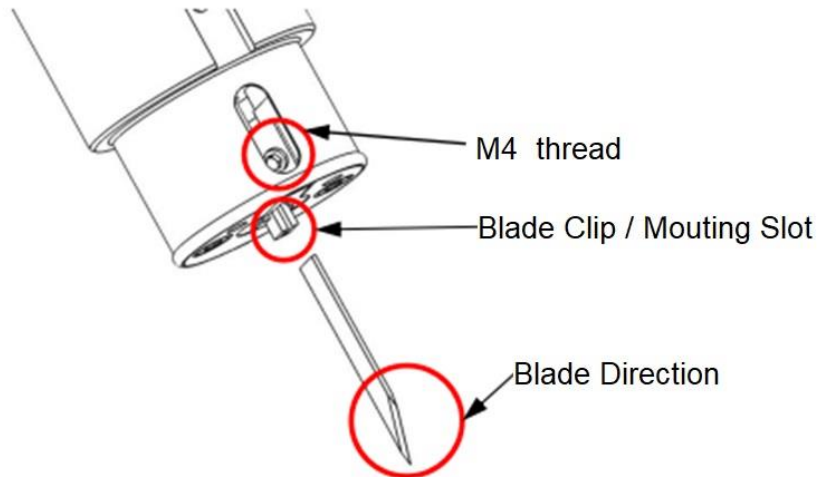


1. Make sure the oriented rivet on knife cup is aligned with the mounting slot on knife head.
2. Press hard on the knife cup to make it to go into shaft, when you hear a clicking sound, it means fitted in position.
3. Check and make sure that the knife cup up/down motion is smooth.
4. When push out the knife cup, please keep it in line with knife shaft, and do take care when doing this.

Instructions

Oscillating Tangential Knife Head

Install & dismantle the Knife Blade



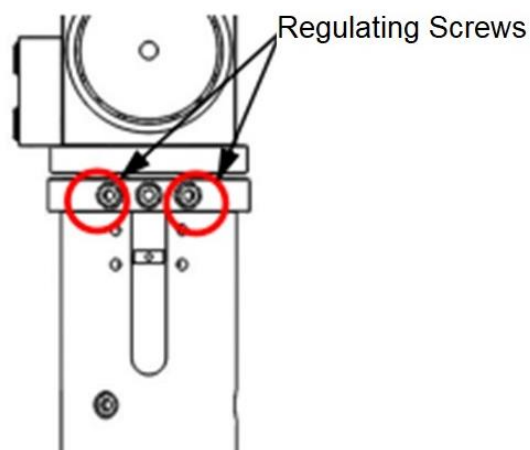
Install

1. Loosen the M4 thread and insert the knife blade as the blade direction shown.
2. Insert the blade to the bottom (about 13mm)
3. Lock the M4 thread, rotate the small shaft on motor ends to ensure that the knife blade can slip down easily

Dismantle

Use the screwdriver to move the knife blade forward and backward to loosen it and fall off.

Regulate the Mounting Height



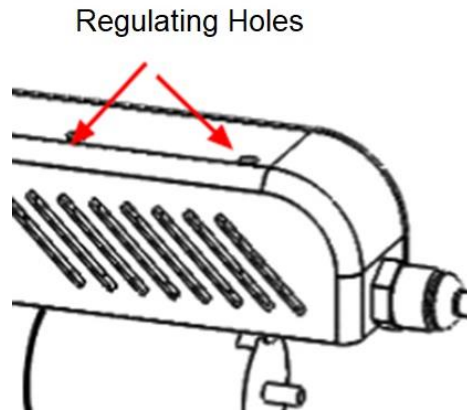
1. Loosen the regulating screws, 2 pieces on each side and 4 pieces in total.
2. Move and find a proper position, then fix the screws.

Instructions

Oscillating Tangential Knife Head

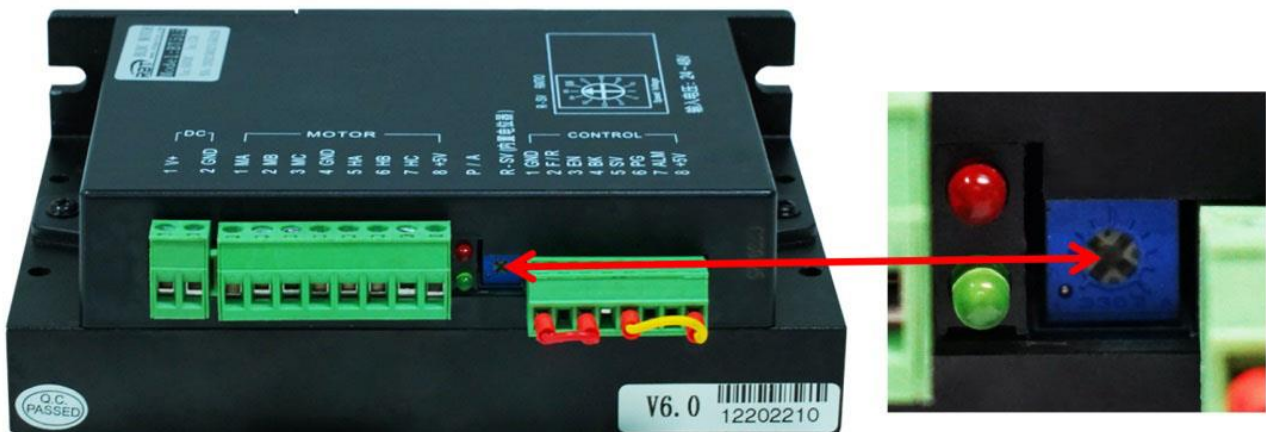
Regulate the Frequency

OTK91145-100W, OTK91214-100W Model



1. Find the regulating holes on the top of whole cutting head.
2. Use a small cross screwdriver to insert the hole, rotate clockwise and counter clockwise to regulate the oscillating frequency.
3. The regulating value is sensitive electronic component, please don't use excessive force

OTK91125-200W / OTK91113-200W Model



Use a precision screwdriver to turn the internal potentiometer.
Turn the potentiometer clockwise to increase the speed.

Instructions

Oscillating Tangential Knife Head

Wiring

OTK91145-100W / OTK91214-100W Model

Independent Power Supply 24V > 10A required



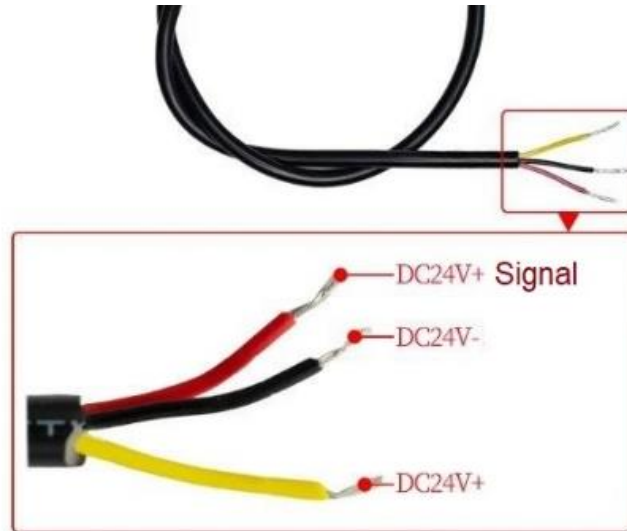
Red	DC24V+ Control Signal
Black	DC24V- or COM
Yellow	DC24V+

Instructions

Oscillating Tangential Knife Head

OTK91125-200W / OTK91113-200W Model

Independent Power Supply 24V > 15A required

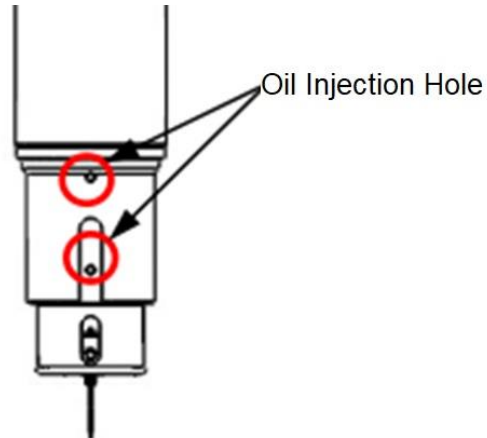


Instructions

Oscillating Tangential Knife Head

Oil maintenance

1. Lessen the top thread by 1.5 Allen wrench
2. Inject clean lube oil.



Air Cooling





Clean and dry compressed air pressure 0.2-0.5 mpa



Instructions

Oscillating Tangential Knife Head

Spare Parts

Reference Code	Description	Picture
BC95010	Blade Clip / Blade Holder 0.63mm, 1mm, 1.5mm, 2mm	
PFOTK95011	Spring Loaded Gliding Disk Pressure Foot	
CN95136	Connectors 2/3/4/5 Cores	
BT515	BDLC Driver	
OTK91214MT OTK91145MT OTK91125MT OTK91113MT	DC Motor	