Quick start guide: unpacking and assembly

Congratulations on your purchase of a new MiniMax C26 Genius combination machine!

We’ve put together this quick start guide to help you get your machine uncrated and ready for action as quickly as possible. This is by no means a definitive guide, however it’s how we do it here in our workshop.

If you’ve got any input or tips you’d like to add, we’d certainly like to hear them (lee@iwoodlike.com.au)

If you’ve got any questions, or are unsure as to how to go about certain parts of the assembly, you’ll find additional video’s on our website www.iwoodlike.com.au

Your C26 Genius will arrive in a box measuring 1300mm x 920mm. The height (inc pallet) is 1140mm. The overall weight of the standard machine (without any optional upgrades) is 230kgs.

The basic kit you’ll need to unpack your machine includes a knife, carpenters hammer, pinchbar, pliers, rags (for cleaning) and a paintbrush. You’ll also need a degreasing cleaner – but more on this later.

Using your knife cut through the packing tape on the top of the box. In addition to the packing tape, MiniMax use industrial staples to ensure the box remains sealed and rigid during shipping. We found the easiest way to remove these is with a pair of pliers.
This will now allow you to open the top of the box.

The first thing your going to see is a sheet detailing lifting and forklift instructions. If you’re planning on removing your machine from the pallet mechanically, make sure you keep a hold of this.

The next step is to remove the two timber cross braces, a pinchbar works best here.

MiniMax’s export packaging uses a combination of timber braces, cardboard and staples to secure the box to the pallet. To get the leverage needed to remove the box, we find it best to ‘peel’ the box from the pallet. Firstly, using your knife, cut down from the top of the box to the pallet (middle image). Pull the cardboard away from the pallet, continuing all the way around your machine.

You’ll now be left with your machine on the pallet – covered in a plastic bag.

The bag is a part of the export packaging to ensure no moisture gets access during shipping. A few quick knife strokes and you’ll have this off.

Finally you’ll be able to see the new addition to your workshop!

Next step is to untie the string, remove the accessories boxes and all the fences. You’ll find these packed on the thicknessing table, as well as under the machine base.

Instinctively you’ll want to start getting the machine off the pallet next, however we find there’s one important job you should do first. The export rust protection on the tables is a grease, to make it easier to remove it can be broken down using a degreasing cleaning agent (we use kerosene).
As it takes some time to break down, it’s best to apply a light coating of the cleaning agent now so it can start its work. Note, we do not recommend the use of kero on the aluminum table or painted areas, you’ll need to use old fashioned elbow grease to clean this.

Also remember, it's the heavy packing grease on the worktables that you want to remove. There are sideway’s within the machine (such as the spindle rise and fall) which have a lighter grease to aid in the movement – You do not want to remove the grease from these areas as it’s an integral part of the machine’s operation. Generally speaking, the packing grease is a dark colour and the operating grease is a light colour.

After you have done this, you can get into removing the machine from the pallet. Make sure you refer back to the instruction page found when you first opened the box (copy below)

![Diagram of machine and pallet removal process]

Having said that, we understand most people won’t have luxuries like a hoist or forklift in your home workshop! We find the most common method of removing the machine from the pallet when on site is to involve your friends and family in a bit of manual labour!

Manoeuvre the machine to the very edge of the pallet; this is easiest if you ‘walk’ one side, then the other in steps. When your at the very edge ‘walk’ the machine one large step to put one of the feet down on your workshop floor. Grab the opposite side and walk the other foot to the ground. You'll now have your machine with two feet on the pallet, and two feet on the floor.

If you support the weight of the machine, tilting it up on the feet that are on the floor, you'll be able to slide the pallet out from under the remaining two feet.
At this point we recommend you take a break.

Why do we say this? Well inside the accessories box you’re going to find a set of manuals, including wiring, parts diagrams and most importantly – the instruction manual.

Take the time to sit down and familiarise yourself with this manual – you’ll find this time very well spent. MiniMax cover everything from assembly instructions, machine capacities, setup instructions to routine maintenance in a detailed, easy to read format. We don’t expect you to memorise everything in the manual – but it’s a great resource tool as you start working with your machine.

Right - now that you’ve had a break you can now get back into it! Use a clean rag to remove the cleaning agent you put on the cast iron tables (your probably going to need to apply a 2nd coat to remove all the grease). You can also apply your cleaning agent to the thicknessing table, spindle moulder spacers, riving knife and saw flanges.

If you remove the surfacing table lock (see image) you’ll be able to swing it out of the way, giving you better access to the thicknessing table to clean it. You’ll find the Allan key in the toolkit, found in the cardboard box you removed from the pallet.
To get at the spindle moulder spacers you’ll need to get the 17mm spanner and locking pin out of the toolbox.

If you open the access door to the machine body, you’ll find you can rotate the spindle to the lock position, then insert the pin. Use the spanner to undo the locknut. The export grease will probably ‘lock’ the spacers together, so we find sitting them in a bath of your cleaning agent the best way to separate them and remove the grease.

The riving knife and saw blade flanges are also greased to prevent rusting. Pay particular attention to cleaning these two items, as the faces need to be completely clean to ensure the blade and riving knife are mounted correctly.

Both can be accessed via the door at the front of the machine. You’ll need the spanners supplied in the tool box, as well as the locking pin (the same one you used for the spindle)

Firstly loosen the two bolts holding the riving knife on and slide it out. Fully undo and remove the screws and the clamping plate.

The sawblade flanges are removed by inserting the pin into the locking hole, and undoing the nut. NOTE this is a sawblade nut and rotation is reverse to normal. This is an industry standard so that the startup rotation of the blade tightens the nut, rather than loosens it.

You should now have the 6 components (pictured) to degrease in your cleaning solution. Also make sure you clean the saw flange and riving knife plate that are still in the machine.
When cleaned, you can refit these components back on the machine.

You should now have your machine unpacked and cleaned down, ready for assembly – which is where our ‘Quick guide’ finishes and the Instruction manual takes over. The manual walks you through step by step instructions as to how to do this under the section titled ‘Installation’

Again, congratulations on your new MiniMax C26 Genius combination, we’re sure your going to enjoy using your machine. Remember, if you have any questions or need info that’s not covered in the instruction manual you can email us on lee@iwoodlike.com.au