

ULTIMATE TOOL GUIDE

“You’re only as good as your tools” so goes the saying, if you want to meet your expectations make sure to have at the very least the required tools from the list below. Let’s consider that in a typical build you will need a way to cut the pipes (pipe cutter), a way to build the structure (T-Handle 5mm wrench), a way to cut surfaces (portable radial saw), and a way to install surfaces and accessories (drill driver/impact drill).

Having the minimum required set of tools is the difference between a complete and incomplete build.

TOOL

WHY YOU NEED IT



Safety glasses
required
for all around safety

There are various scenarios that arrive during a build, such as cutting pipes, cutting surfaces a, fixing screws and or drilling pilot holes which will require the use of safety glasses in order to ensure the safety of everyone.



Tape measure
required
to measure

Simply put, you cannot begin unless you have a tape measure, having a few helps when working in a group.



Marker - Wax Crayon
required to measure/
mark

Cutting and assembling pipes and structures requires marking from time to time, therefore having a way to do so is important, a wax crayon marks and erases quite easy or a marker will do.



Pipe-Cutter
required to cut

When starting out, the easiest and most economic way to cut pipe is with a pipe cutter, however if cutting multiple projects it may take some time, consider an alternative cutting method as a long term solution.



T-handle 5mm hex wrench
required to build

All of the connectors can be tightened simply using a T-handle 5 mm wrench, essentially you are able to put an entire structure together with just a t-handle wrench, however with the help of an impact drill you will be able to work faster.



Pipe reamer
required to clean
pipe

Depending on the type of pipe and way of cutting the pipe, you may from time to time need remove the sharp edges from the interior/exterior diameters of the pipe, as a rule of thumb any pipe that will have an AP-ICAP rubber cap on top should be cleaned.



Deburring tool
required
to remove edges
of surface

It is highly recommended to deburr the edges off of any surface in order to remove any sharp edges after cutting surfaces to size, such as working surface tops, drawers, and or dividers.



Utility blade
general manual work
purposes

Having a snap-off utility knife that contains a long, segmented blade that slides out from it, which can be broken off by sections is generally used all around. The snapping is best accomplished with a blade snapper that is often built-in, or a pair of pliers, and the break occurs at the score lines, where the metal is thinnest.

TOOL

WHY YOU NEED IT



Portable radial saw
required for surfaces

Some structures will require the installation of surfaces, the radial saw is a quick and economic option when needing to cut surfaces such as for a workstation surface tops, drawers, divisons, when combined with clamps



Adjustable clamps
required for
surfaces

Whether for holding a guide when cutting surfaces to size or from preventing a surface from moving when fixing it to a structure, clamps are quite necessary to ensure working safely and preventing any damage to a surface or breaking drill bits when installing clamps,shims, etc.



48"-50"Guide
required for surfaces

Using a guide along with some clamps will provide a solid straight edge, necessary for cutting straight.



Drill driver/Impact drill
required for drilling
tightening

The drill driver/impact drill combination is a very commonly used pair that is crucial for installing surfaces and accessories that need to be fixed using a combination of drillbits.



Drill bit set
required for drilling
tightening

Having a drill-bit kit will come handy when it comes time to creating pilot holes and or drilling through pipes, as a minimum a 1/8" drill bit will be needed.



#2 square head
required for fixing
various screws

The #2 square head is necessary for installing the 1", 1/2" and 5/8" screws typically used to fix surfaces and accessories to any flexpipe structure.



Countersink bit
required for surface
installation

Although you can still install a flat head screw without using a counter sink bit, having one will only ensure working correctly



13 mm-1/2" socket / flat-head ratchet set
required for nuts & bolts installation

If planning to use the 4" casters and 6" casters than you will need to install brackets which will require the use of a 13mm -1/2" socket set, also if planning on installing other types of bolt type solutions, you'll need to use these



Rubber mallet
required all around
adjustments

Having a mallet comes handy in all types of situations, some examples include installing casters, adjustable feet and or certain accessories.