

HOW TO BUILD UNIVERSAL FEEDERS

Building the feeders is quite simple as long as you follow the steps outlined below exactly. Any steps that are missed will reduce the strength and efficiency of the feeder and void warranty.



STEP 1: Lay posts out on each corner (Left and right) and base onto frame and lid hinges.



STEP 2: Connect post to frame. Ensure flat washer is put in front of nut.



STEP 3: Loosely tighten nuts to allow some movement in post.



STEP 4: Connect ends to frame.



STEP 5: Don't tek screw this side of ends. This will be done when rain guards are fitted later.



STEP 6: Ensure post and edge of end are fitted with no gap. Tek screw ends fully to posts.



STEP 7: Diagram of cage nuts.



STEP 8: Place cage nuts into base.



STEP 9: Connect main support to ends.



STEP 10: Connecting main support.



STEP 11: The ends are now more secure.



STEP 12: Fit base to ends. Line up holes.



STEP 13: Tek screw to ends.



STEP 14: Secure base to frame and ends.



STEP 15: Ensure all screws are fitted.
(If there is a hole it needs screwing).



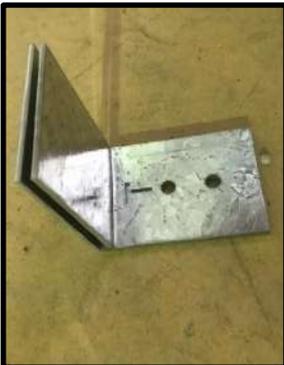
STEP 16: Fit sight glasses with small screws and nuts provided.



STEP 17: Inside of the end fit sight glasses.



STEP 18: Identify 2 pieces of angle and one with 'T'.



STEP 19: Place angle with 'T' on top of the other angle. This will form a gap which the upper adjuster will go between.



STEP 20: Secure angle pieces to base. The letter 'T' must be on top of the other angle.



STEP 21: The two holes in the base are for the angle pieces.



STEP 22: Fit angle pieces ('T' on top).



STEP 23: Lay out straps on top of base.



STEP 24: Fit the seven straps to base. Holes located at the top of the bend of the base.



STEP 25: Adjuster bracket (Left and right).



STEP 26: Adjuster fitted (3 holes in end). Use 8mm bolts and nuts.



STEP 27: Selastic gap between the base and the end (Do not selastic below adjuster bracket). Tighten.



STEP 28: Slide dividers through slot in end.



STEP 29: Divider in position.



STEP 30: Tek screw to end.



STEP 31: Attaching divider to end.



STEP 32: Both dividers in place. Ensure all holes fitted with tek screws.



STEP 33: Attach straps that are screwed into base to divider. Holes are to be lined up.



STEP 34: Attaching straps to bottom of dividers.



STEP 35: Two screws per strap.



STEP 36: End result (Be sure not to miss any holes).



STEP 37: If divider needs straightening so straps line up, always hammer on corners.



STEP 38: Attach supports to divider. Plate is to go onto the outside.



STEP 39: Attach nuts on the inside of the feeder.



STEP 40: Finished look of Large and Extra-large feeders (Medium has only one top support).



STEP 41: Attach lid end to lid RHS end.



STEP 42: Another view.



STEP 43: Pull down firmly and screw.



STEP 44: Hold both ends firmly.



STEP 45: Always remember there is a left and a right side, so fit lid ends alternatively to lid RHS hinge.



STEP 46: Attach lid hinge to end, one washer between bolt and RHS, three washers between RHS and end.



STEP 47: Put nut on inside of the feeder.



STEP 48: Tighten so lid hinge is firm but moves freely.



STEP 49: Attach cage nuts to upper adjusters. One each end (Note which way the cage nut is attached).



STEP 50: Attach upper adjuster to adjuster bracket using 8mm bolt and large washer.



STEP 51: Attach bottom adjuster (3 slots in adjuster to the base). Bolt then large washer.



STEP 52: Set adjusters so upper adjuster 15mm from bottom to base, 20mm from lower adjuster to upper. This will give approx.. 300gm/day.



STEP 53: Attach bottom adjuster (Has 3 slots).



STEP 54: If attaching ad-lib pieces line up with the two holes on the ends.



STEP 55: Silicon the end.



STEP 56: Attach the end extension.



STEP 57: Screw inside out.



STEP 58: Inside view of finished product.



STEP 59: Outside view of finished product.



STEP 60: Silicon the divider to the end.



STEP 61: Silicon the end extension ready for sides.



STEP 61: Be sure to silicon all gaps.



STEP 63: Feeder is now ready for sides.



STEP 64: Always tek screw top of the flat side first.
**Put side with 4 holes on top, on the same side as lid hinges.



STEP 65: Second tek screw to be the second hole from the end (Do not do the hole at the end first).



STEP 66: Tek screw the bottom bend then tek screw the side completely to feeder (Do not miss any holes).



STEP 67: Place one screw up top of side connecting to end.



STEP 68: Tek screw second hole from the end. Do not do first hole first.



STEP 69: Tek screw all remaining holes ensuring none are missed.



NOTE: Do not tek screw these 3 holes. These will be done when rain guards are fitted.



STEP 70: Place lid onto feeder.



STEP 71: Connect lid hinge to feeder.



STEP 72: Connect lid hinge to feeder.



STEP 73: Top view of connection.



STEP 74: Ensure all screws are fitted to holes.



STEP 75: Place rain guards on all 4 corners of feeder (There is left and right).



STEP 76: Tek screw rain guards to feeder.



STEP 77: Attach the lid handles to the lid using holes provided in the lid.



STEP 78: Tek screw angle into holes provided. This will form self-locking of lid.



STEP 79: Ensure completely clean as any filings left will rust.



STEP 80: Fully tighten bolts and nuts connecting posts to base. Selastic the bottom of the posts to the frame so they are water proof.



STEP 81: Selastic all areas that are exposed to water.