

PHOTOSHIP ONE

3X PRO V2 TILT TRAY UPGRADE





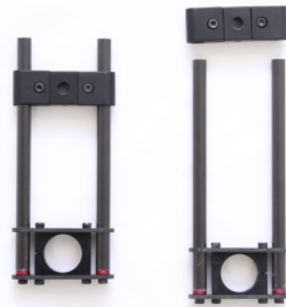
Assemble carbon tube clamps with M3x8 screws



Assembled main tube clamps with G10 composite plates and three M3x6 and one m3x20 screw (each clamp)



Insert carbon tubes into tube clamp assemblies and secure with M3x8 screws.



Slide carbon clamps over the tubes and temporarily secure them by tightening the clamp screws.



Gather the gear, hub, and two M3x18 countersink screws for the following step.



Place hub into gear (the extrusion from the hub fits into gear bore). Slide the countersink screws through hub and gear.



Attach gear assembly to one of the completed tray sides. The countersink screws thread into M3 tapped holes in the carbon clamp.



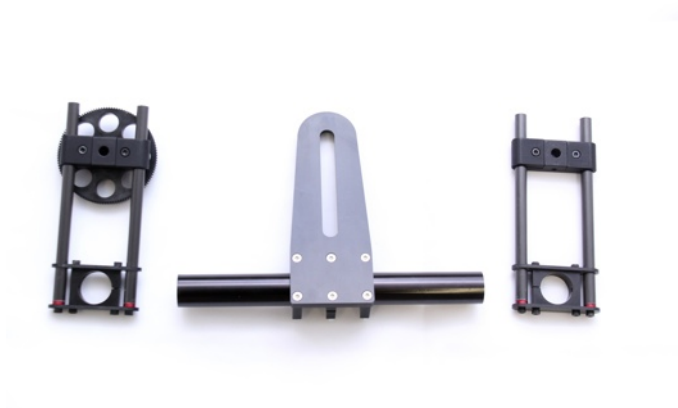
Gather three camera plate clamps, six M3x35 countersink screws, six M3 locknuts and the camera plate



Assemble as shown



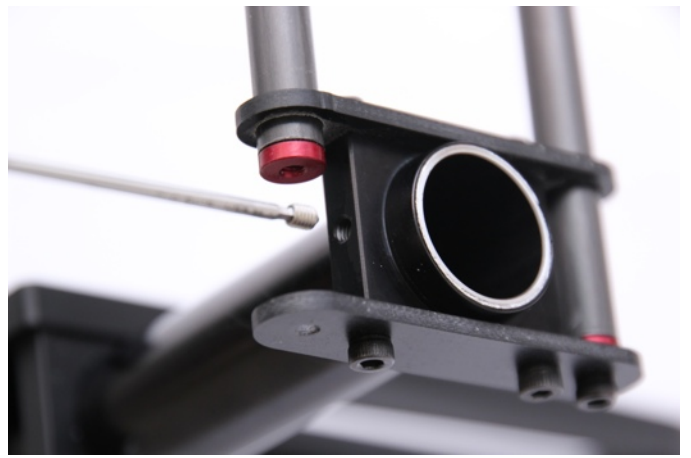
Do not tighten the screws/nuts fully yet.



Insert the 21x190mm tube into camera plate assembly then attach tray sides. The gear faces to the outside



Next, remove the screw for one side of the carbon tube on main tube clamp that has threaded hole for M3 set screw.



Be sure the sides are parallel to each other and secure set screw into clamp. The set screw is pointed and will deform slightly the tube.



Two tilt axles are included. A longer one and a shorter one. The longer axle is used on the side of the gear.



On the side opposite the gear you must slide a spacer over the axle before attaching the side. Use the M4 set screws to secure the carbon tube clamps to the axles on the flat spots.



This concludes assembly of the Upgraded 3x Pro v2 Tilt Tray.