

## TwinDolly

- Using common sense nothing can go wrong.
- Whenever possible use Tip Protection.(fig 1)
- Always use clamps or junior studs as end stoppers.
- The side wheels of a Twin Dolly/Truss Dolly are mounted on offset axles.This makes it possible to adjust the trackwidth 6mm per axle,thus 12mm per Twin Tube truss.Remember to use the same setting for each axle,otherwise the dolly will run obliquely along the rails
- For adjustments use the following procedure:
  - 1 Loosen the allen bolts of the wheel sets half a turn.
  - 2 Use a 13mm wrench between the wheel and the dolly to turn the axle to the desired position.(fig 2)
  - 3 When the desired position is achieved re-tighten the axle with an allen key.
  - 4 Check that the dolly can run freely in a straight line without play but also without too much pressure.
  - 5 If the wheels are over tightened flat spots can occur resulting in a bumpy dolly movement.
  - 6 If the wheels are too loose there will be play in the dolly which will be felt with camera pans.
- When using wider truss or rigging,the offset axles can be placed in the outside holes.(fig 3)
- The hinged arm is intended to hold BNC or power cables at a comfortable distance from the dolly.(fig 4)
- The Twin Dolly can also be used as Hi Hat or Low Bowl.When doing this insure that no dirt gets into the bearings.
- When using as Truss Dolly be sure to fully loosen the brake.If in doubt you can remove the brake by loosening the two allen bolts.
- Assembly of our current 4-way-leveler still requires some work.One tip is first to turn the four bolts of the leveler-head maximum out before starting to assemble.

### General Remarks

- All bolts are factory treated with Loctite 243
- The Twin Dolly/Truss Dolly can be fitted with(adapted)Panther bowls(100mm/150mm)and with our own 4-way-leveler.
- An adaptor is available for attaching the bowl under an angle, making it possible to keep the camera level whilst making diagonal shots. For this you must remove two opposite allen bolts,and loosen the remaining allen bolts.(diagram delivered with adaptor)
- The top wheels of a TWD/TRD have a diameter of 62mm and hardness of 78A.The side wheels and the wheels of a TRB have a hardness of 94A.After much experementation this seems to be the best combination.Of course client-specific variations are possible.

