

This crane type has been by railways in goods and freight yards in most parts of the world.

The kit is made up of white metal and wire parts to be assembled using an epoxy or cyanoacrylate adhesive. Careful assembly will result in a working model.

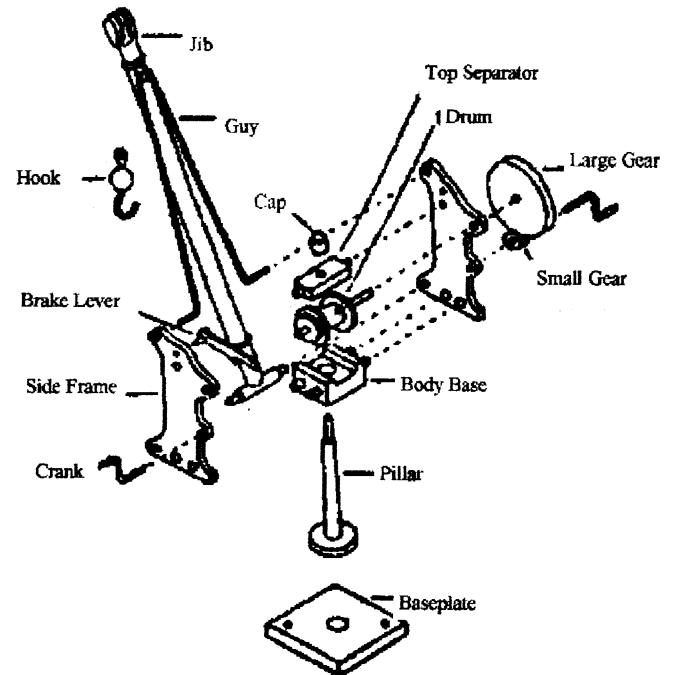
ASSEMBLY: Study the drawing to see how parts fit together. Carefully remove any flash or remains of casting sprues from the various parts including gear teeth. Drill through any holes that may be blocked. Do a dry run to check the fit of parts.

Glue the pillar to the base plate. Assemble the body of the crane as shown in the diagram. The dowels on the body base fit in the rear two holes of the side frames. Apply glue to the dowels on the base plate and top separator only. Note that the jib and drum must be fitted in position before both side frames are glued on place.

Fix the large gear to the extended drum shaft using a thin scrap of card as a spacer. Ensure that no glue gets into the shaft bearing area.

Bend one end of the wire supplied to form a crank throw of about 6 mm with a 5 mm handle. Thread the other end through the small gear and then through the holes in the body of the crane and bend to match the crank at the other end. Line up the small gear with the large gear and glue in place tasking care not to get glue in the bearing.

Thread one end of the shaped guy wire through the lug hole at the top of the jib and push the turned ends through the holes in the body and turn the ends back to retain them in place. Trim off any excess wire. Place the brake lever in position and fit the cap on top of the pillar. Attach a suitable piece of thread to the drum and tie the other end to the hook and pass it over the jib pulley.



Some pivot and other holes need to be cleaned out with the appropriate size of drill to enable proper assembly of this kit. A sharp knife, small files etc. will be found useful for removing flash.

NOTE:

The white metal used in these castings is pewter. It is quite hard and clogs files.

Flash is best removed by cutting and scraping with a short, stiff sharp knife blade, e.g. a scalpel, Stanley Knife etc.

CAUTION -

Take care as severe cuts can result if the blade snaps or slips.