Film Transfer Technology

Frame by frame

Frame by frame (image by image) transfer means that each individual frame of film is individually captured as a still image and later assembled into an uncompressed video file. This enables us to output the transferred film to any frame rate without flicker or blended frames. Our transfers utilize an aerial image transfer process through the help of "Broadcast-Quality" 3CCD and HD cameras in conjunction with special film transport mechanisms. Frame by frame scanning means your transfers are 100% flicker free, crystal clear and razor sharp from corner to corner.

In contrast to other systems that project the film on screen and re-film it, we scan your films picture by picture using the same technology as "The Association of Motion Pictures" in Hollywood.

Film cleaning

Unlike most other transfer houses, we clean all films with special chemicals which restore their color and keep them free of dust while transferring. We do not take unclean film into our sensitive transferring units. We use professional film cleaners to clean your films; "Edwal Anti-Stat-Film Cleaner" for manual first step pre-cleaning and "Filmrenew" for the second step cleaning. This process consists of feeding the film through special cloths soaked with cleaning solutions ("Edwal"). The film goes through this process as many times as needed. The second step cleaning method, takes place just before the film frame is capture. The film is taken through cleaning rolls wet with "Filmrenew". This cleaning process traps dust and unwanted dirt particles. Most transferring houses offer the cleaning as an option with extra charge.

We don't. The cleaning process is included into our basic transfer prices.

Post Production

Most of our competitors send the film file to DVD or hard drive right after the transfer. We do not. We restore your film as much as possible by removing "film grain", stabilizing shaky scenes, correcting color images and sharpening faded scenes. This is a very time consuming procedure which requires highly skilled personnel. We still have this process included in our basic transfer prices. The satisfaction of our clients is our primary goal.

The software we use for our Post Production work is AviSynth script (remove grain, digital cleaning, stabilizing), Adobe Premier Pro CC, Adobe After Effects Pro CC and Adobe Encore Pro CC.