

Silver Sprinter

Sprocket-Drive Film Processors

Silver Sprinter sprocket-drive film processing machines are a special version of the Integrated Processing Machine range (Photomec's premier product line for motion-picture film laboratories). They are optimised for efficient processing of 35 mm cinema prints in the most demanding production environments. Sprocket-drive systems are standard on Photomec processors running at speeds greater than 150 ft/min (2743 m/h).

Models are available for use with Kodak's ECP2D process as well as CP3, with or without track-redevelopment, and with options for contrast enhancement (such as ENR).

Like all Photomec Integrated processors, Silver Sprinters benefit from Photomec's wet-section rack-lift system which, at the press of a button, allows the entire wet-section of the film transport to be automatically raised clear of the processor baths for inspection and maintenance. This completely eliminates the need to strip out leader and manually remove solution laden racks, simplifying cleaning and inspection of components that are usually situated below solution level. With the racks in the elevated position, film leader can be run through the machine, to allow visual inspection of the moving mechanical parts and of the leader lacing.

64-tooth sprocket wafers allow relatively low rotational speeds to be used at high process speeds, minimising mechanical wear and tear.

To further simplify maintenance, the processor baths and chassis are free of chemical control elements. These are all housed in a separate



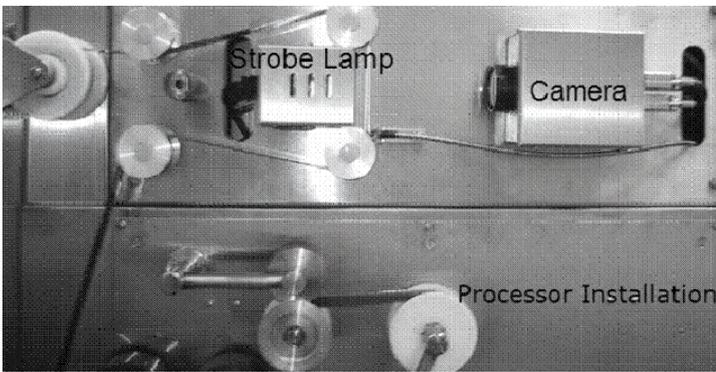
Silver Sprinter 430 at
CinePostProduction Bavaria Film & Ton



Silver Sprinter 200 at August 1st Film Studios in Beijing

floor-standing chemical control unit (CCU). The CCU communicates with the operator's touch-screen control panel at the processing machine providing pump failure alarms and enabling bath temperatures to be set and monitored at both locations.

Machine reliability, maintainability and operator safety are enhanced by use of Photomec's PIMOS management system. This uses an industrial programmable controller, with low voltage signalling and running Photomec firmware, to control and monitor all machine functions. Built-in diagnostics is standard while process data-logging and remote diagnostics are also available.



Optional CCD Film-Viewer installed at take-up panel

Currently Silver Sprinter machines can be found in daily use at the following laboratories:

- CinePostProduction Bavaria Bild & Ton
- Fotofilm Deluxe
- Kantana Movietown
- Mosfilm Studios
- Salamandra Creative Film Laboratory
- WFDiF



Typical take-up elevator

Silver Sprinter processors are available in a number of different configurations to make best use of available space. Let us know your output requirements and space constraints and we'll propose a suitable system.

Silver Sprinter processors are complete systems including chemical control and film drying. Daylight and darkroom loading versions are available.

Optional equipment includes:

- ⇒ in-line film viewing
- ⇒ process data logging
- ⇒ remote diagnostic
- ⇒ silver recovery
- ⇒ effluent treatment
- ⇒ chemical recovery



Part of a typical chemical control unit

The Photomec range of Integrated processors is recognised throughout the world as the 'state of the art' in motion picture laboratory engineering. Silver Sprinter sprocket-drive versions are optimised for low-maintenance high-volume output of 35 mm print films.

With over sixty years experience in the design and manufacture of continuous film processing machines, and with more than 1000 installations, Photomec's processing technology is at work worldwide on a daily basis.

Photomec's reputation for quality, innovative design, proven reliability and outstanding customer service has not gone unnoticed. The BKSTS has awarded a Fellowship for Research & Invention in Cinematographic Laboratory Disciplines and a Charles Parkhouse Award for a significant contribution to laboratory practices, particularly for the handling of modern film emulsions.

Please refer to our "General Specifications" and the relevant customer information drawing (CI) for further details. We'll be happy to provide a detailed offer after discussing your needs.

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