



# Colenta<sup>®</sup> INDX „FDS“ - NDT automatic Film Delivery System



The automated **Film Delivery System (FDS)**, produced by **Colenta**, is easily installed for use with our **INDX 43-5** and **INDX 43-55** models of Film Processor.

The **FDS** operates as a totally independent unit with no electronic interface to the film processor, it requires only to be programmed to the speed of the online processor in use.

The **FDS** will accept all sheet film sizes up to 43 x 35cm with the facility to place smaller film sizes in multi track formats using spacer blocks according to the film size in use.



a unit of FDS installed on a Colenta INDX 43/5

An internal film cassette is provided which is pre-loaded with exposed films ready for developing, the loaded cassette is then inserted into the **FDS** whereupon films are detected and the automatic loading can commence.

A vacuum pick up arm with 8 vacuum sucker points lowers onto the film stack in the cassette and the top films are lifted up and placed onto a feed chute, to then slide into the output rollers and feed into the processor.

### Design features included:

- \* Dual film detection system – Film In / Film Out
- \* Auto door air barrier to protect the FDS from any chemical fumes / humidity
- \* Open stand for easy alignment to the processor
- \* Micro processor control panel
- \* Film thickness detection to prevent loading a film that is stuck to another



This operation is continuous until the last film is removed from the cassette. If required, urgently needed films can be added into the cassette by stopping and restarting the automatic operation. The functions of the FDS are continuously monitored to ensure any failure is detected and the operator informed.



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## Colenta<sup>®</sup>

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