



**external
drum
4-page and
midsize format
thermal platemakers**

**DART Series -
Luxel T-6300 CTP**

Fujifilm's Dart series of CTP solutions are unbeatable for their quality, accuracy, and reliability. They consistently output plates with a dot sharpness and registration accuracy that enable superior process control and fast makeready times. They also offer the benefits of easy daylight handling and exceptional production efficiency for both short and long runs.

The Dart 4300S and 4300E are specifically designed to provide optimal versatility in plate production for 4-page and 2-page presses. The Dart 4300S is a high-speed model that can comfortably and consistently output up to 21 plates per hour. The Dart 4300E is an affordable entry-level solution that offers the same high-quality features as the Dart 4300S, and provides output at up to 11 plates per hour.

Both models have a proven external-drum design and has optional inline punching blocks to help ensure perfect on-press register and faster makeready times. The choice has never been easier for making the move to high-quality thermal CTP.

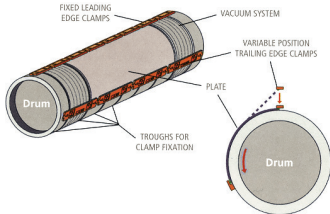
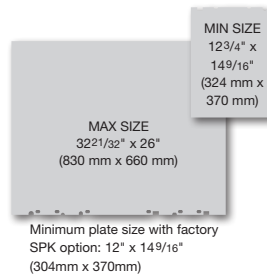
DART 4300E	an entry-level thermal platemaker where price over productivity is more important.
DART 4300S	one of the fastest 4-page platemakers on the market

Dart Series Features:

- Faster output speed – up to 21 4-up plates/hr at 2400 dpi (Dart 4300S)
- Midsize 32 21/32" x 26" 4-up format
- Automatic drum balancing enables recording of different plate sizes with no manual adjustments
- Six resolution levels, from 1200 to 4000 dpi to fit a wide variety of jobs (Dart 4300S)
- Fujifilm Co-Res Screening option, up to 300 lpi
- Full automatic, continuous operation with auto-loading options and processor bridge
- Optional punch block configurations for a variety of plate sizes and press configurations
- Compact design
- Ideal solution combined with Fujifilm Ecomaxx-T or LH-PJ plates

SUPPORT FOR A WIDE RANGE OF PLATE SIZES

The Dart 4300E and 4300S can handle the plate requirements of new larger-format 4-page presses. Both support a maximum plate size of 830 x 660 mm (32 21/32" x 26"), and are also capable of supporting some of the smaller 2-page presses with a minimum plate size of 324 x 370 mm (12 3/4" x 14 9/16"). The Dart 4300S and 4300E offer an unbeatable flexible and reliable solutions for fast output of a wide variety of plate sizes.



AUTO-BALANCE FOR DIFFERENT PLATE SIZES

Auto-balance lets you use a variety of plate sizes without making manual adjustments for correct drum balance. Simply select the type of plate and the Dart automatically makes the necessary adjustments to create perfect drum balance for the plate size. The Dart 4300S and 4300E both

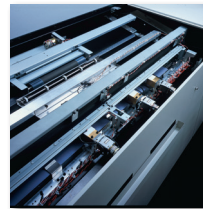
feature separate loading and unloading bays, allowing one plate to be readied for loading while another is being exposed.

SIMPLE UPGRADE

For increased productivity needs upgrade your Dart 4300E to a 4300S by simply exchanging parts. This reduces waste expenses and improves the operational efficiency of the platesetter.

AUTOMATIC INTERNAL PUNCH

Dart's automatic inline punching system is the industry leader for enabling perfect register on press. It does this by performing two types of punching (for press and platesetter registration) at the same time, immediately before mounting the plate on the drum. This method gives much greater registration accuracy compared with either manual or offline punching, eliminates human error, and achieves faster press makeready. Punch blocks from Heidelberg, Komori, Bacher, Protocol, Stoesser, Grapho Metronic, and Screen are available, covering the full range of sizes for all major press types. Up to four punchblocks can be mounted and selected according to plate size and press type.



AUTOMATIC LOADING AND UPLOADING OPTIONS

The Dart 4300S and Dart 4300E can be configured for efficient automatic operation with optional autoloaders, which have been heralded for their reliability and precision. Both can be paired with the SAL (single-cassette autoloader). This high-quality unit can hold up to 100 plates and automatically removes interleaf paper before loading each plate. It is also possible to upgrade from the SAL to the MAL (multi-cassette autoloader), which comes standard with three cassettes and enables up to 300 plates of three different sizes to be loaded and imaged in the Dart 4300S or 4300E without operator intervention. The Dart 4300S and Dart 4300E can also be paired with the more economical SAL-E single-cassette autoloader.

Both the Dart 4300S and Dart 4300E are supported by an automatic processor bridge, which extends process automation all the way through to the plate processor.



SPECIFICATIONS:

Common to Dart Series

RECORDING SYSTEM

▶ External Drum

REPEATABILITY

▶ ±5 microns (±0.2 mil.)*

PLATE SIZE

- ▶ Minimum: 12.8" x 14.6" (324 mm x 370mm)
- ▶ Maximum: 32.7" x 26" (830 mm x 660 mm)
- ▶ SPK factory installed: 12" x 14.6" (304 mm x 370 mm)
Dart E/S with SPK must be ordered

EXPOSURE SIZE

- ▶ Across the drum: Same as plate size
- ▶ Around the drum: Plate size less 27 mm
- ▶ 15mm head clamp, 12mm tail clamp

PLATE ORIENTATION

- ▶ Landscape
- ▶ Portrait

MEDIA

- ▶ Thermal (830 nm infrared sensitive) plates

MEDIATHICKNESS

- ▶ 6 to 12 gauge (0.15 to 0.3 mm)

INTERFACE

- ▶ Fast PIF

OPTIONS

- ▶ Punching – Heidelberg, Komori, and other
- ▶ SAL-E Single-cassette autoloader
- ▶ SAL Single-cassette autoloader
- ▶ MAL Multi-cassette autoloader
- ▶ SPK (Small Plate Kit)
- ▶ 12mm head clamp

Dart 4300 E to 4300 S upgrade

ENVIRONMENT

- ▶ Recommended: 70°F – 77°F
 - ▶ Required: 65°F – 79°F
 - ▶ 40% to 70% relative humidity (non-condensing)
- #### DIMENSIONS
- ▶ Main unit: 69.7" W x 40.5" D x 46.7" H (engine only)

POWER REQUIREMENTS:

- ▶ Single-phase 200-240V, 20A, 4.0kW

Specific to Dart 4300 E

RESOLUTIONS

- ▶ 2400 dpi
- ▶ 2438 dpi
- ▶ 2540 dpi

LIGHT SOURCE

- ▶ 16 channel infrared laser diodes

IMAGING TIME

- ▶ 11 plates per hour at 2400 dpi*1 28.5" x 24.2" (LH-PJ) (724 mm x 615 mm plate)

Specific to Dart 4300 S

RESOLUTIONS

- ▶ 1200 dpi
- ▶ 2000 dpi
- ▶ 2400 dpi
- ▶ 2438 dpi
- ▶ 2540 dpi
- ▶ 4000 dpi

LIGHT SOURCE

- ▶ 32 source channel infrared laser diodes

IMAGING TIME

- ▶ 21 plates per hour at 2400 dpi*1 28.5" x 24.2" (LH-PJ) (724 mm x 615 mm plate)

*Over four consecutive exposures on one plate at 73.4°F and 60% relative humidity

*1 May vary depending on the sensitivity of the media.



THE FUJIFILM GREEN POLICY

We at Fujifilm believe that "sustainable development" of the Earth, mankind, and companies in the 21st century is an issue that must be addressed with the highest priority. As a socially responsible corporation, we actively undertake corporate activities with our environmental values in mind. We strive to be a dedicated steward of the environment and assist our customers and corporate partners in doing the same.