

DART 4300E

an entry-level platesetter where price over productivity is most important.

DART 4300S

one of the fastest 4-page platesetters on the market.

FUJIFILM

Dart Series

Luxe! T-6300 CTP

EXTERNAL DRUM

4-page and midsize format thermal platesetters.



CTP solutions that 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.

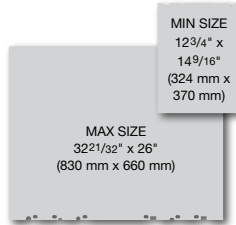
The Dart 4300S and 4300E are specifically designed to provide optimal versatility in plate production for 4-page and 2-page presses. The Dart 4300S is a high-speed model that can comfortably and consistently output up to 21 plates per hour. The Dart 4300E is an affordable entry-level solution that offers 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 come with the option of 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 Series Features:

- Fast output speed – 11 4-up plates/hr at 2400 dpi (Dart 4300E)
- Faster output speed – 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)
- 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

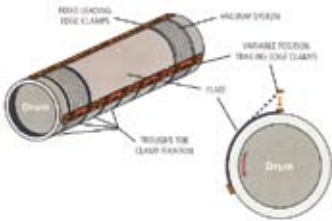
SUPPORT FOR A WIDE RANGE OF PLATE SIZES

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 (32²¹/₃₂" 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 (12³/₄" x 14⁹/₁₆"). The Dart 4300S and 4300E offer an unbeatably flexible and reliable solution for fast output of a wide variety of plate sizes.



Minimum plate size with factory SPK option: 12" x 14⁹/₁₆" (304mm x 370mm)

AUTO-BALANCE FOR DIFFERENT PLATE SIZES



Auto-balance lets you use different sized plates without making any manual adjustments for correct drum balance. All you do is select the type plate you want to use and the Dart 4300S and 4300E automatically make the necessary adjustments to create perfect drum balance for each plate size. The Dart 4300S and 4300E also feature separate loading and unloading bays, so that one plate can be readied for loading while another is being exposed.

Dart Series Luxel T-6300 CTP

BRING OUT THE IDEAL CTP ENVIRONMENT WITH A SIMPLE UPGRADE

For the ideal environment for your increased productivity needs, you can upgrade your Dart 4300E to a 4300S by simply exchanging parts required for the Dart 4300E. This reduces wasted expenses and improves the operational efficiency of your 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 off-line 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 are acclaimed in the market for their reliability and precision. Both the Dart 4300S and Dart 4300E 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 4300E 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.



*The SAL-E has a capacity of 50 plates and requires interleaf removal.

SPECIFICATIONS:

COMMON TO DART SERIES

RECORDING SYSTEM
• External Drum

REPEATABILITY
• ± 5 microns (± 0.2 mil.)*

PLATE SIZE
• Minimum:
12²⁵/₃₂" x 14¹⁹/₃₂"
(324 mm x 370mm)
• Maximum: 32²¹/₃₂" x 26"
(830 mm x 660 mm)
• SPK factory installed:
12" x 14⁹/₁₆"
(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,
12m tail clamp

PLATE ORIENTATION
• Landscape
• Portrait

MEDIA
• Thermal (830 nm infrared sensitive) plates

MEDIA THICKNESS
• 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 @2400 dpi*
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 @2400 dpi*
28.5" x 24.2" (LH-PJ)
(724 mm x 615 mm plate)

*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.



FUJIFILM group
Green Policy

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

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