

TrakMATE II

THE PANTHER FasTRAK AUTOMATIC PLATE LOADING SYSTEM



TrakMATE II Automatic Plate Loading System

Panther TrakMATE® II AutoLoader™ integrates with Ultra-Violet and Violet Panther FasTRAK CTP imagers to provide a fast, inexpensive, automatic, and unattended Computer-To-Plate production system.

Panther TrakMATE II supports the full range of media sizes imaged by FasTRAK CTP, from plates as small as 12 x 15 inches (304 x 381 mm), up to 24.6 x 38 inches (625 x 965 mm). Plate thickness may range from 6 to 15 mil (0.15 to 0.4 mm). TrakMATE II monitors the status of the FasTRAK Platesetter and loads the next plate as soon as imaging is completed. The Platesetter accepts the new plate and uses a highly reliable opto-mechanical system for alignment and positioning, insuring repeatability for color registration of $\pm 25 \mu\text{m}$ (± 0.001 inches).

Simple Design Offers High Throughput

Its simple design delivers throughput in excess of 250 plates per hour. TrakMATE II monitors FasTRAK CTP status and a pneumatic system lifts each plate from the stack and positions it to allow FasTRAK CTP to image the next plate as soon as imaging of the previous plate is completed. The next plate is ready for insertion into the FasTRAK in less time than it takes to image a plate..

The TrakMATE II will work with or without slip sheets. Most CTP plates are packaged with paper slip sheets to protect the sensitive emulsion layer of each plate. The Panther TrakMATE II removes slip sheets with no degradation in throughput. Slip sheets are deposited in a bin that can be emptied without exposing the unused plate supply. If your plates do not require slip sheets, the TrakMATE II will switch automatically to run without slip sheet removal. Since slip sheets are automatically sensed, the TrakMATE II will automatically handle extra or missing slip sheets.

The TrakMATE II operates in a yellow safelight environment while plates are loaded. Since no plate carts or cassettes are needed, less floor space is required.

Holds up to 1000 plates

TrakMATE II capacity is 1000, .012" plates. Plates of any supported sizes are placed directly on the table inside the unit. Plates can be loaded from either side of the unit to better accommodate any space restrictions.

Dual stack option

A dual stack option allows a second stack of plates to be placed on top of an existing stack providing an alternate plate size.



A MEMBER OF THE **tpc** GROUP OF COMPANIES

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TRAKMATE II SPECIFICATIONS

MEDIA SIZES:

MINIMUM:

12 X 11.4 INCHES
304 X 290 MM

MAXIMUM:

24.6 X 43.8 INCHES
625 X 1113 MM

MEDIA:

SUPPORTS VIOLET OR UV PRINTING PLATES
WITH OR WITHOUT SLIP SHEETS.
PLATE THICKNESS
6 TO 15 MIL
0.15 TO 0.4 MM

CAPACITY:

1000 12 MIL PLATES

OPTIONS:

THE DUAL STACK OPTION ALLOWS THE USE
OF A LARGER OR SMALLER SIZE PLATE STACK
ON TOP OF ANY NUMBER OF EXISTING
PLATES BELOW.

THROUGHPUT:

THE NEXT PLATE IS READY FOR INSERTION
INTO THE PLATESETTER IN LESS TIME THAN
IT TAKES TO IMAGE A PLATE. THIS ALLOWS
A THROUGHPUT IN EXCESS OF 250 PLATES
PER HOUR IF NEEDED.

OPERATING AREA:

A MINIMUM AREA AROUND THE TRAKMATE
II OF TWO FEET IS RECOMMENDED.
ADEQUATE SPACE SHOULD BE PROVIDED FOR
LOADING PLATES INTO THE TRAKMATE II
FROM THE SELECTED SIDE.

OPERATING ENVIRONMENT:

CLEAN, VIBRATION-FREE AND STATIC-FREE
ENVIRONMENT REQUIRED.

TEMPERATURE:

60° TO 78°F
(16° TO 26°C)

HUMIDITY:

40% TO 90% NON-CONDENSING

ELECTRICAL REQUIREMENTS:

176-264VAC, 47-63HZ, 20A, SINGLE-PHASE,
(DEDICATED POWER LINE TO BE MINIMUM 10 AMP
RATING, WITH ISOLATED THIRD WIRE GROUND.)
SUPPLIED WITH 6' POWER CORD WITH IEC-C13 CONNECTOR
(FOR MACHINE) TO NEMA L6-20 PLUG.

COMPRESSED AIR REQUIREMENTS:

10 SCFM @ 90 PSI
283 L/MIN @ 6.2 BAR-
OIL FREE, NON CONDENSING

CERTIFICATIONS:

UL 1950, CSA C22.2 NO. 950; TUV (IEC 950) FCC CLASS A,
CANADIAN DOC; 21 CFR 1040.10 CLASS I EN60950/IEC 950;
EN55022 CLASS A; EN50082-1; IEC 825/VDE 0837 CLASS 1

OPERATIONAL WEIGHT:

EMPTY - 950 LBS (432 KG)
MAX LOAD - 1750 LBS (795 KG)

OPERATIONAL DIMENSIONS:

83" (L) X 64" (H) X 35" (W)
(211CM (L) X 163CM (H) X 89CM (W))

SHIPPING WEIGHT:

1224 LBS (556 KG)

SHIPPING DIMENSIONS:

100" (L) X 75" (H) X 42" (W)
(254CM X 190.5 CM X 107CM)

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