

/// STANDARD

- Patented Tornado Suction Technology
- Patented Side Aeration Technology
- Multiple modes:
Continuous feed / Single sheet test mode / Batch feed
- Ready to go parameter setup
- Contactless stack position sensor
- Ultrasonic double sheet protection
- Optical sensor for paper path
- Dynamical gap control
- Staging nip for high sheet delivery accuracy
- Control, service and diagnostic features
- Connective emergency stop interface
- Digital I/O interface
- Touch panel
- Media Eject height: 1000mm ± 50mm

/// OPTIONAL

- Extended length formats for TPF 550:
Extension Kit for media length >750 mm available
- Ergonomic loading:
Comfort loading sensor
- Override speed control (Encoder at host)
- Castors
- TCP/IP host control interface



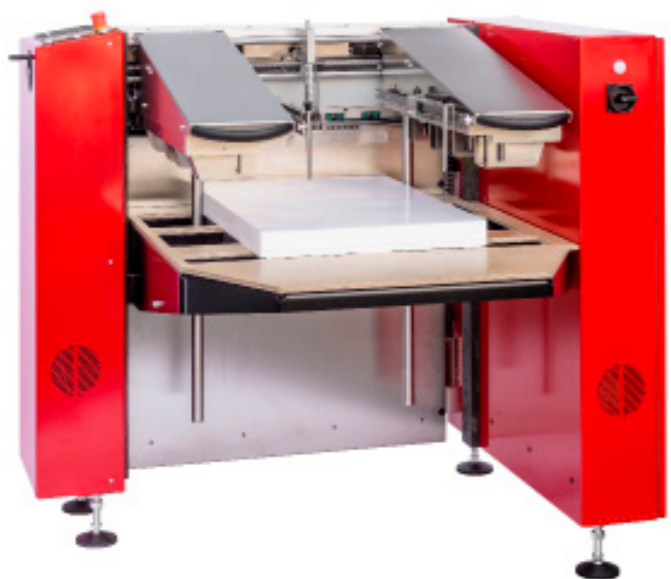
/// TPF 550 LT Feeder

BDT's Independent Pile Feeders are designed specifically to address the challenges of the wide media range to be handled in the digital print and finishing industry.

Using BDT's Tornado technology, the widest range of media types, surfaces and format geometries can be handled automatically with no media specific mechanical adjustments, and no compressed air.



/// We move media



/// YOUR CONTACT

The BDT Print Media Team is happy to take inquiries and to offer information via

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- /// Fax: +49 (0)741 - 248-149
- /// Address: Saline 29 . 78628 Rottweil Germany

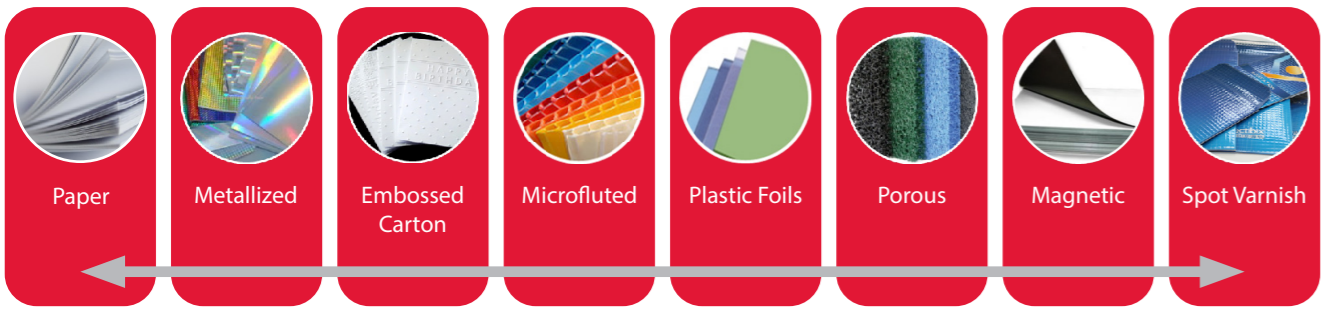
/// NOTES

/// HOW WE DEFINE AUTOMATION - INCREASE YOUR PROFITS

- Easy to use - No manual adjustments
- Fast media change - Settings can be saved
- Increase profits - Reduce lost production time
- Reliability - Stable across whole media range
- Quiet operation - No compressors or valves
- Flexibility - Widest media range in the industry
- Low service costs - Modular architecture
- High sheet delivery accuracy - Gap control
- Low operating costs: Load, Press, Go

/// MEDIA & TECHNICAL DATA

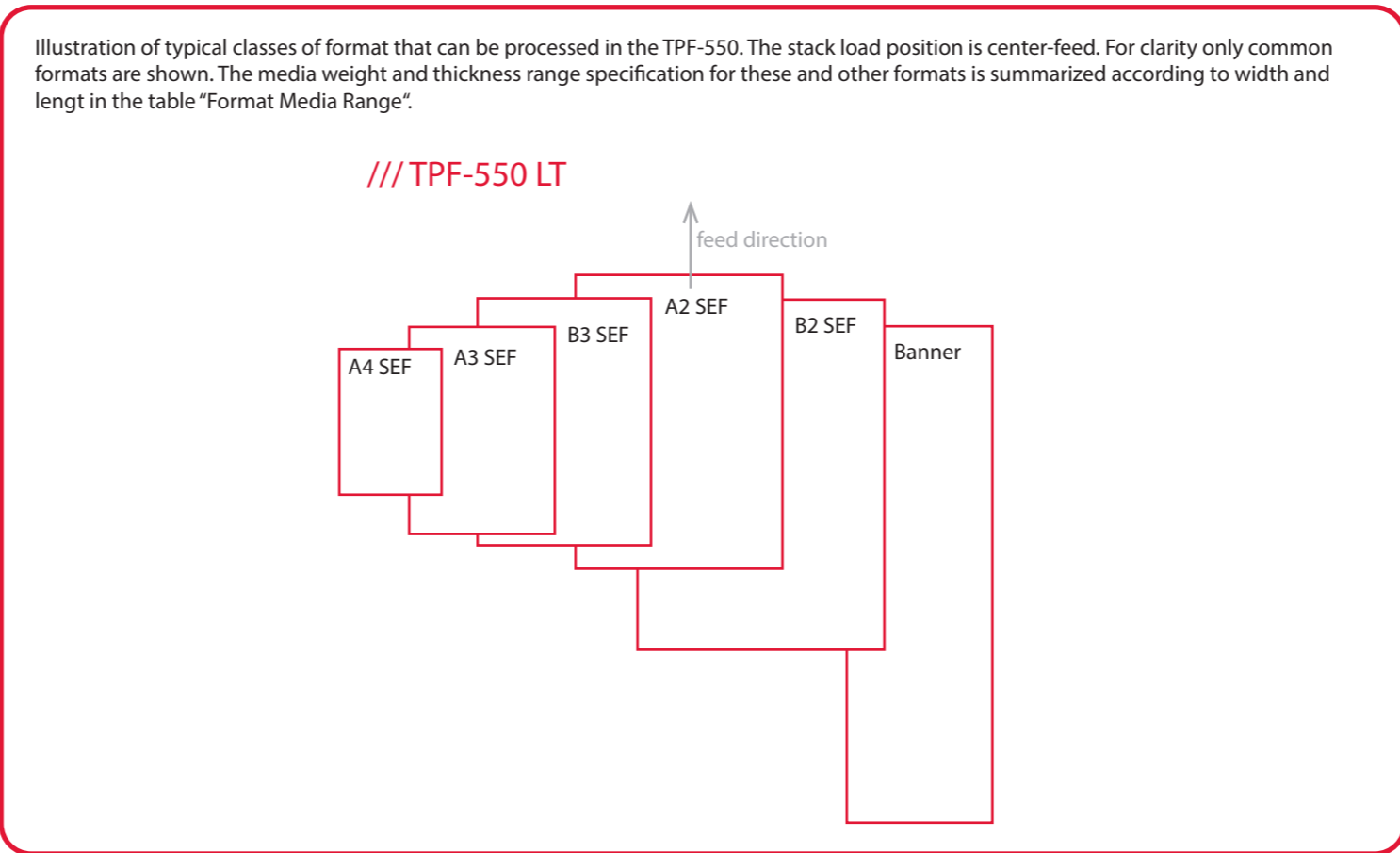
- | | | | |
|--|---|--|---|
| Graphics / Publishing <ul style="list-style-type: none"> • Coated • Uncoated • Offset • Specialty • Label Stock • ... | Packaging <ul style="list-style-type: none"> • Paperboard • C1S, C2S • Recycled • Metallized • Microfluted • ... | Post-Press <ul style="list-style-type: none"> • Hot melt coated print-outs • UV-coated print-outs • Embossed card stocks • Spot varnished prints • ... | Industrial / Others <ul style="list-style-type: none"> • Plastic foils • Synthetics • Sacks • Light porous filter types • ... |
|--|---|--|---|



TPF-550 LT		
Product dimensions	Length x width x height	(1050 x 1350 x 1240) mm (41.3 x 53.1 x 48.8)"
Product weight		300 kg / 661.4 lb
Transport speed	up to	3,0 m/s
Media	Width orthogonal to transport	max. 550 mm / 21.7" min. 210 mm / 8.3"
	Length in direction to transport	max. 1066 mm / 42" min. 240 mm / 9.4"
	Media stack height	up to 570 mm / 22.44"
	Throughput *	up to 24 000 sheets/h for A3 11 500 sheets/h for B2
Electrical requirements	Input voltage	200 - 240 V Single Phase
	Frequency	50 / 60 Hz
	Input current	6,5 A AC
	Back up fuse	16 A

* Measured with 200 gsm media in offline mode.

/// FORMAT CLASSIFICATION



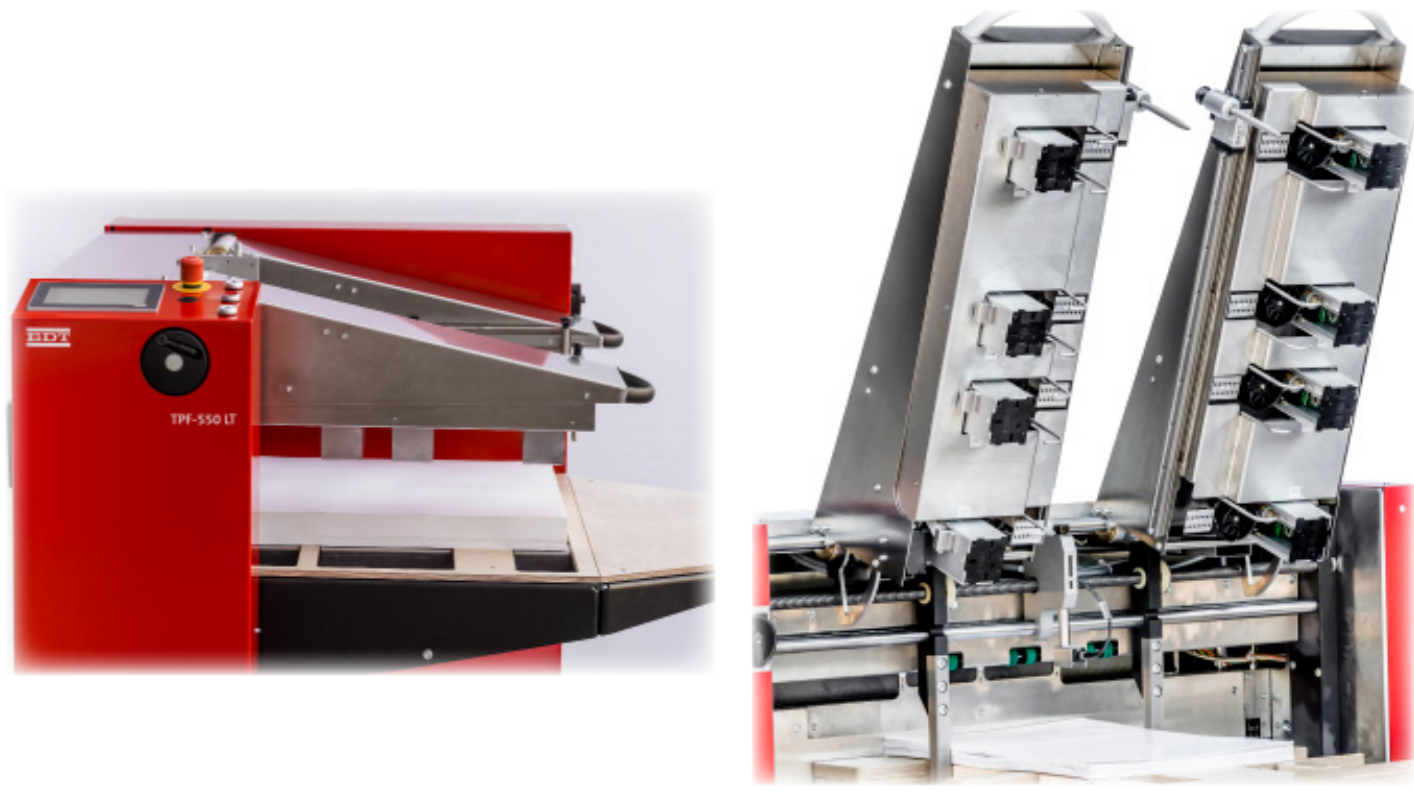
Media type	Dimensions (w, l) in mm	Dimensions (w, l) in "
A4 SEF	210 x 297	8.27 x 11.69
A3 SEF	297 x 420	11.69 x 16.54
B3 SEF	353 x 500	13.90 x 19.69
A2 SEF	420 x 594	16.54 x 23.39
B2 SEF	500 x 707	13.90 x 27.83
Banner	297 x 1000	8.27 x 39.37
A2 LEF	594 x 420	16.54 x 16.54
B2 LEF	707 x 500	27.83 x 19.69
A1 SEF	594 x 841	23.39 x 33.11
B1 SEF	707 x 1000	27.83 x 39.37

SEF = Short Edge Feed
LEF = Long Edge Feed

/// FORMAT MEDIA RANGE

Dimensions	Media type	Media weight	Media thickness
w<356 mm w<14.02"	uncoated coated	60 - 450 gsm 80* - 450 gsm	75 - 600 microns
w=356 mm to 550 mm w=14.02" to 21.65"	uncoated coated	70 - 450 gsm 90* - 450 gsm	85 - 600 microns
w>550 mm, l<550 mm w>21.65", l<21.65"	uncoated coated	70 - 450 gsm 90* - 450 gsm	95 - 600 microns
w>550 mm, l>550 mm (**) w>21.65", l>21.65"	uncoated coated	100 - 450 gsm 120* - 450 gsm	110 - 600 microns

Heavy and superthick media (up to 600 gsm and/or 800 microns) possible with some degradation in throughput, to be tested for application
* Valid for unprinted matte coated media; for pre-printed or art glossy coated papers a higher grammage is recommended, subject to application testing
** Reduction of throughput possible



Sideblower arms swing up for access to loading bay

As a result of BDT's continual product development program, we reserve the right to make changes to the product and its performance and specifications.

simplify your change