

/// AUTOMATIC LOADING & UNLOADING SOLUTIONS

BDT's automatic Wide Format loading & unloading solutions are based on the innovative BDT Tornado Technology.

Using the price competitive turn-key Wide Format solutions you achieve

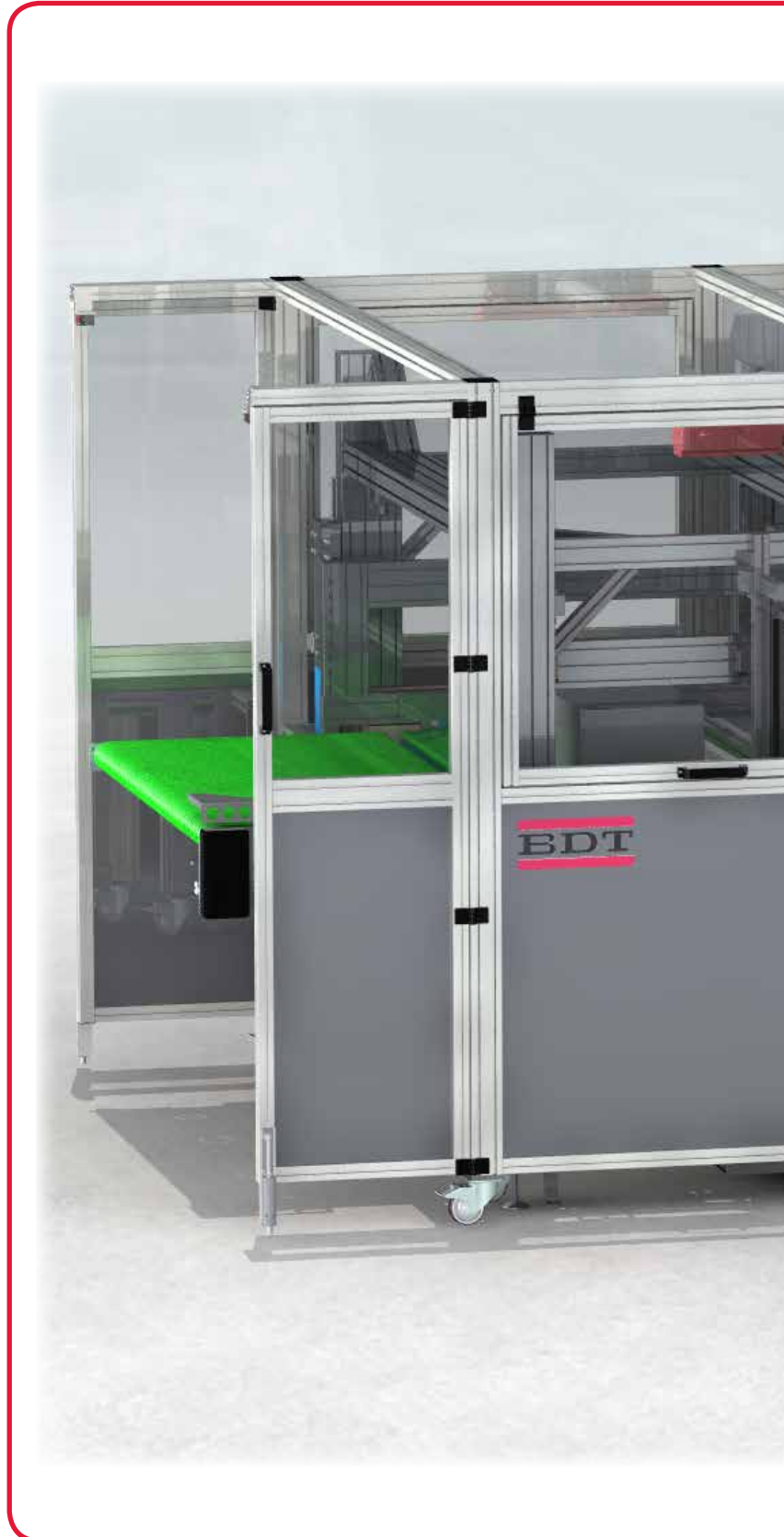
- optimized production operations by significantly increasing your production time and improving the operational efficiency of your equipment
- improved serviceability

resulting into a significant growth of your business.



/// YOUR BENEFITS

- Automatic Wide Format Loader / Stacker
- Load substrates directly from pallets on the floor
- Feed flat substrates regardless of surface properties
- Lowest risk of marking on substrates
- Easy to connect, disconnect and move
- Ease of servicing
- 24/7 operation
- Robust and reliable design



/// SPECTRUM OF SUBSTRATES

The vast range of substrates comprises

- **light flexibles**
such as paper or foil
- **light rigids**
such as foam core
- **heavy rigids**
such as dibond or plywood



Media

Width orthogonal to direction of transport	Max. 3200 mm 126" Min. 297 mm 11.70"
Length in direction of transport	Max. 3200 mm 125.98" Min. 420 mm 16.53"
Media stack height	up to 800 mm 31.50"
Weight	up to 3500 gsm
Thickness	0.2 mm up to 51 mm 0.008" up to 2"
Feed rate	above 100 boards/h (at 3.2 m x 1 m 126" x 39.4")
Curvature	up to 20 mm 0.79"



simplify your change

/// FEATURES

/// STANDARD

- Patented Tornado Suction Technology
- High End Tornado Modules TDM 1000
- Movable shuttle mechanism with integrated functions for separating, lifting, transport and alignment
- Multiple modes:
Batch / Continuous feed / Single sheet test mode
- Ready to go media parameter setup and option for own parameter setting
- Contactless stack position sensor
- Optical sensor for paper path
- Dynamical gap control
- Auto recovery
- Control, service and diagnostic features
- Emergency stop, power interlock and line filter
- TCP/IP host control interface
- Touch panel

/// OPTIONAL

- High speed option & feed rate upgrade packages
- Heavy weight option packages
- Speed control upgrade package
- Web host control interface (I/O based, CAN based interface)
- Staging nip for special sheet delivery requirements
- Teachable ultrasonic double sheet detector
- Bar Code Reader





/// YOUR CONTACT

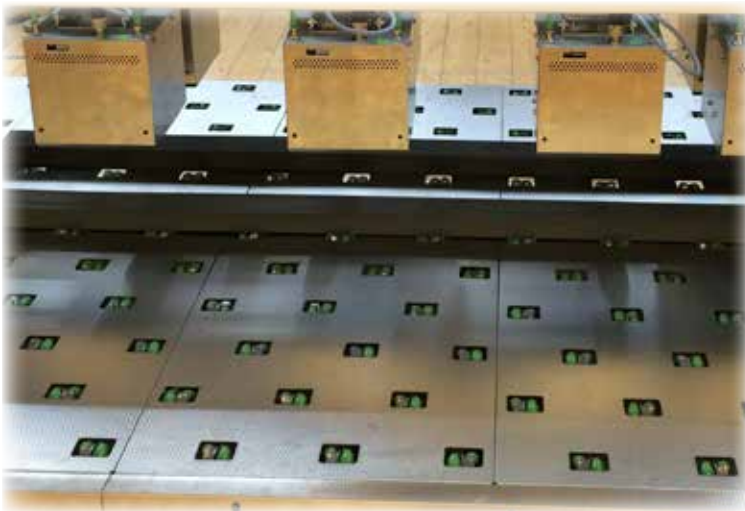
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/// NOTES