

TGW NBS[®]90 PolySort

TGW expands its NBS technology to include sorting of polybags and “non-sortables”!

In an ever evolving material handling atmosphere TGW leads the industry again by introducing an NBS90 derivative specifically designed to sort polybags, jiffy packs, flats, and other odd shaped loads. TGW's NBS90 PolySort provides for 90° diverting of both cartons and polybag type loads at rates of 50 CPM and above.

Perfect for handling those “un-sortable” loads like polybags, the NBS90 PolySort supplies the solution that most dot-com fulfillment centers require. Even higher sort rates can be achieved when conveying more stable or flat loads.

Following in the footsteps of the other successful TGW NBS sorter designs, the PolySort achieves its success with tighter carrying belt and transfer roller centers. The transfer rollers sit lower when not activated and raise higher when diverting to maximize the clearance between the loads and the carrying belts. Extra protective guides and special rubber transfer roller covers create a clean and quick divert action which allows for high transfer rates.

An SEW Movimot transfer motor with Ethernet connection contributes to the performance and maintainability of the sorter. This connection allows for system monitoring and real-time speed changes from a PLC. The NBS PolySort operates at speeds up to 300 fpm.

As with the rest of the NBS line, the carrying belts are driven by an efficient, direct drive power train eliminating a chain or gearbelt transmission which requires maintenance.

Individual belt take-ups adjust for varying belt stretch. As with all NBS sorters the PolySort is a modular design which allows for transfer adjustment within the frame. Additional transfers can be added to existing beds in the future as well.





TGW NBS90 PolySort

Unparalleled performance in the 90 degree transfer of a wide range of polybags, jiffy bags, mailers, and cartons bi-directionally up to 50 parcels per minute.

FEATURES:	BENEFITS:
Specifically designed to handle those hard to transfer loads	Polybags, flats, envelopes, and cartons can now all be sorted on the same sorter
Nine, closely packed carrying belts	Prevents loads from dipping below the surface
Extended transfer lift range, raised and lowered	Keeps poly bags from snagging on structure
High friction natural rubber transfer roller coating	Provides maximum grip to transfer the slickest loads
SEW Movimot transfer drive motor	Powerful, instant acceleration for all transfers
Direct drive, 97% efficient gear motor sorter drive	Eliminates drive train maintenance
Individual belt take-ups	Provides for even, consistent belt tension across all belts
Transfers a wide range of load sizes and weights from 4" x 4" x 2oz. to 24" x 28" x 40#	Provides a sorting solution for a wide range of customer needs
Transfer components are all accessible from the top	Speeds and eases any necessary maintenance

TGW Systems is a worldwide leading supplier of highly dynamic automated equipment used to transport a wide variety of products. TGW Systems manufacturers one of the industry's highest quality conveyor and sortation technologies which are sold through a network of factory trained authorized Distributors, who partner with TGW Systems to strengthen their efforts of providing a complete integrated logistical package that meets the end user's needs.



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