



For load inverting, rotating and pallet-to-pallet transfers.

APPLICATIONS

Cascade's TURNALOAD™ allows for bale spinning and knifing between loads of scrap bales. It also transfers loads rapidly from captive "in-house" pallets to less expensive shipping pallets, or to customer pallets. The TURNALOAD™ can be used to invert products susceptible to sedimentation as well as dumping bins and tote boxes. Substantially increases productivity by reducing or eliminating the manual labor involved with load inversion.

FEATURES

Rugged, Lightweight Construction

- I-beam arm bars have the strength of much bulkier square and round arm bars without the weight.
- The aluminum channels are bolted to two steel plates, forming a strong, rigid frame that resists flexing.
- The nylon arm bearings are locked inside the aluminum channels to protect them from damage.
- Modular, bolt-together construction makes parts replacement fast and economical.
- Heavy duty rotator with 360° of continuous rotation.

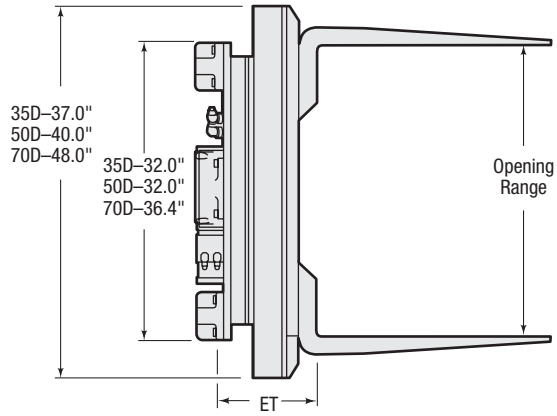
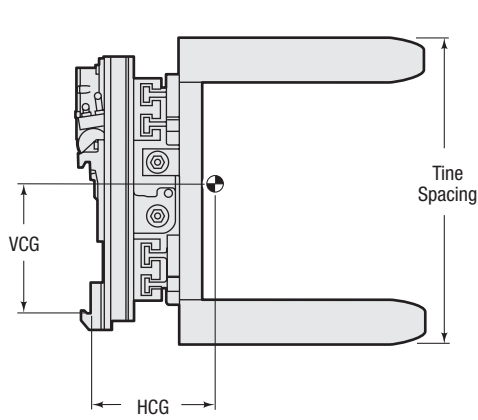
OPTIONS

- Side stabilizer for inverting loads that are not bound together.
- 180° rotation stop group used when the load is repeatedly rotated in the same 180° cycle and a permanent rotation stop point is desired.
- Flow dividers continually adjust hydraulic flow to equalize arm speed.
- Special extended opening and narrow closing ranges.



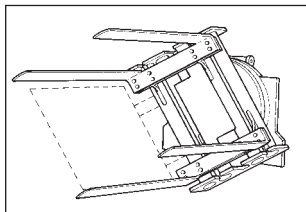
The TURNALOAD™ is ideal for transferring loads from in-house pallets to shipping pallets or customer pallets.

*Cascade's
TURNALOAD™
handles a wide
variety of load
inverting and
rotating tasks.*



Capacity @ 24" (600 mm) Load Center		Opening Range	Catalog Order No. ②	Mtg. Class	Mtg. Angle	Tine Size ①	Tine Spacing ①	Weight		Effective Thickness ET	Horizontal Ctr. of Gravity HCG	Vertical Ctr. of Gravity VCG
lbs	kg							lbs	kg			
3,500	1,590	28.1"-77.3"	35D-TAL	II	0°	1.5" x 5" x 48"	34"	1,460	663	11.4"	12.8"	10.4"
5,000	2,270	30.3"-83.3"	50D-TAL	II	0°	2" x 5" x 48"	35"	1,655	751	12.0"	10.1"	13.2"
5,000	2,270	30.3"-83.3"	50D-TAL	III	0°	2" x 5" x 48"	35"	1,695	770	13.6"	10.3"	13.2"
7,000	3,180	30.6"-91.0"	70D-TAL	III	0°	2" x 6" x 48"	35"	2,460	1,117	12.7"	13.7"	15.6"
7,000	3,180	30.6"-91.0"	70D-TAL	IV	0°	2" x 6" x 48"	35"	2,580	1,171	15.0"	15.2"	14.8"

- ① Specifications noted are for the Turnload model for plywood handling. Many variations in clamp size, opening range and degree of rotation, as well as arm size, are available. Consult Cascade for specifications on the Turnload best suited for your requirements.
- ② Turnload clamps are built to order. When ordering please specify:
 - "Transfer To" and "Transfer From," pallet size, material and construction.
 - Material to be handled and how to be packaged.
 - Load weight and size (H x W x L).
 - Bottom arm shut off standard. Top arm shut off or both arms moveable available.
- ③ Side Stabilizer may be required when rotating bagged products or other slick materials. Consult Cascade for details.



Fixed or Hydraulic Side Stabilizers available. Consult Cascade.

INSTALLATION KIT

Catalog Order No.

672442

HYDRAULIC FLOW AND PRESSURE

Model	Minimum	Recommended	Maximum	Max. Pressure
35D & 50D	5 GPM	10 GPM	12 GPM	2,300 PSI
70D	7 GPM	12 GPM	18 GPM	2,300 PSI

HYDRAULIC FUNCTIONS

Hydraulic Functions	Truck Auxiliary Valves Required
2	2

ROTATOR SPECIFICATIONS

Model	Rotator Speed	Rotator Torque
35D & 50D	5.2 RPM @ 15 GPM	75,000 Inch-Lbs. @ 2,000 PSI
70D	4.0 RPM @ 15 GPM	90,000 Inch-Lbs. @ 2,000 PSI

MOUNTING CLASS INFORMATION

Mounting Class	Truck Capacity
II	2,000-5,500 lbs.
III	6,000-10,000 lbs.
IV	10,001-17,500 lbs.