



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

## 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

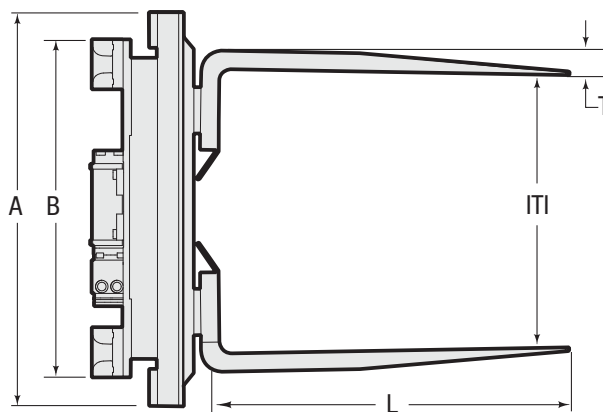
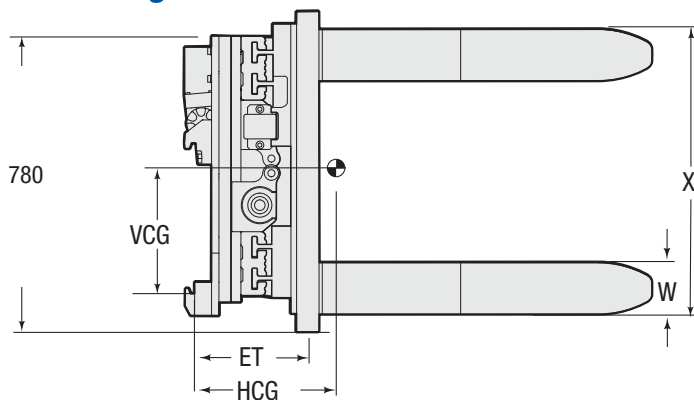
- Designed to fit both old and new generation fork lift trucks.
- Profiled arms provide maximum visibility through and around the frame without sacrificing strength.
- Steel frame sections, extruded alloy steel arm bars, cast arm bases guarantee outstanding durability and reliability.
- Built in hydraulic flow dividers and bi-directional relief valve guarantee fast and uniform arm movement.
- All hydraulic functions are pressure protected. Available for both High and Low pressure truck systems.
- Bolt-on pallet fork arms and lower frame wear strips.

### 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.



**1400-3500 kg**



Catalogue Order No.	Capacity @ Load Centre kg @ mm	Fork Spread X	Frame width (mm) A	Opening Range (mm) ITI	Fork Size (mm) LxWxT	Minimum Truck Carriage Width (mm) B	Effective thickness (mm) ET	Horizontal Centre of gravity (mm) HCG	Vertical Centre of gravity (mm) VCG	Weight kg	Mounting class ISO 2328
<b>28G-TAL-A212</b>	1400@500	560	950	560-1647	1000x100x40	813	260	227	304	502	2A
<b>36G-TAL-A314</b>	1800@500	560	1050	590-1800	1200x125x40	813	293	293	320	653	2A
<b>44G-TAL-A314</b>	2200@500	560	1050	590-1800	1200x125x40	813	295	294	320	659	2AⓄ
<b>44G-TAL-A514</b>	2200@500	560	1150	590-1905	1200x125x40	813	295	291	320	672	2AⓄ
<b>52G-TAL-B314</b>	2600@500	560	1050	610-1795	1200x125x50	813	342	349	319	760	3A
<b>52G-TAL-B424</b>	2600@500	560	1100	735-2100	1200x125x50	813	342	346	319	780	3A
<b>64G-TAL-B513</b>	3200@500	560	1150	710-2055	1200x150x50	795	349	317	340	933	3A
<b>64G-TAL-B723</b>	3200@500	560	1250	610-1955	1200x150x50	795	349	312	340	964	3A
<b>70G-TAL-B723</b>	3500@500	620	1250	610-2000	1200x150x60	865	333	305	372	1172	3A
<b>77G-TAL-C923</b>	3500@600	620	1350	610-2000	1200x150x60	Consult Cascade					4A

Ⓞ 44G : Mounting Class 3A available - Consult Cascade for specifications.

▶ G-Series: Lift trucks with auxiliary pressures between 155 and 189 bar max. require low pressure attachments. Lift trucks with auxiliary pressures between 190 and 250 bar max. require high pressure attachments.

▶ 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.

▶ Side Stabilizer may be required when rotating bagged products or other slick materials. Consult Cascade for details.

▶ Frame Bumper not included.

▶ Fork spread is to be specified outside to outside over the forks.

▶ The minimum load height which can be picked up from the floor is not determined by the opening range, but by the frame width. Consult Cascade for detailed quotation.

**MOUNTING CLASS INFORMATION**

Mounting Class	Truck Capacity@Load Centre
2	1000-2500 kg @ 500 mm
3	2501-4999 kg @ 500 mm

**HYDRAULIC FUNCTIONS**

Hydraulic Functions	Truck Auxiliary Valves Required
3	2

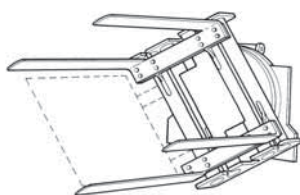
**ROTATOR SPECIFICATIONS**

Model	Speed @ L/Min.	Torque
28G,36G,44G,52G	5.2 RPM @ 57	8490 Nm @ 140 bar

▶ Optional motors providing faster rotation available. Reduced torque will result.

**HYDRAULIC FLOW & PRESSURE**

Model	Min. Flow L/min.	Rec. Flow L/min.	Max. Flow L/min.	Maximum Pressure (bar)
28G-77G Sideshifting & NSS	19	26	38	250 bar
28G-77G Rotator Function	19	38	57	160 bar



Fixed or Hydraulic Side Stabilizers available. Consult Cascade.