



*Designed
with great
visibility, easier
maintenance,
and superior
durability.*



Move heavy loads faster, excel in rugged applications.

APPLICATIONS

Designed to handle heavy loads such as bricks, construction products and fertilizer. This durable unit is perfect for outdoor applications due to the sealed inner fork bearing design. Cascade's Single-Double Pallet Handler allows single pallet handling without protrusion outside the truck profile. Spreading the forks hydraulically allows handling of two pallets side by side. Sideshifting provides added flexibility for aligning forks or pallets in tight areas.

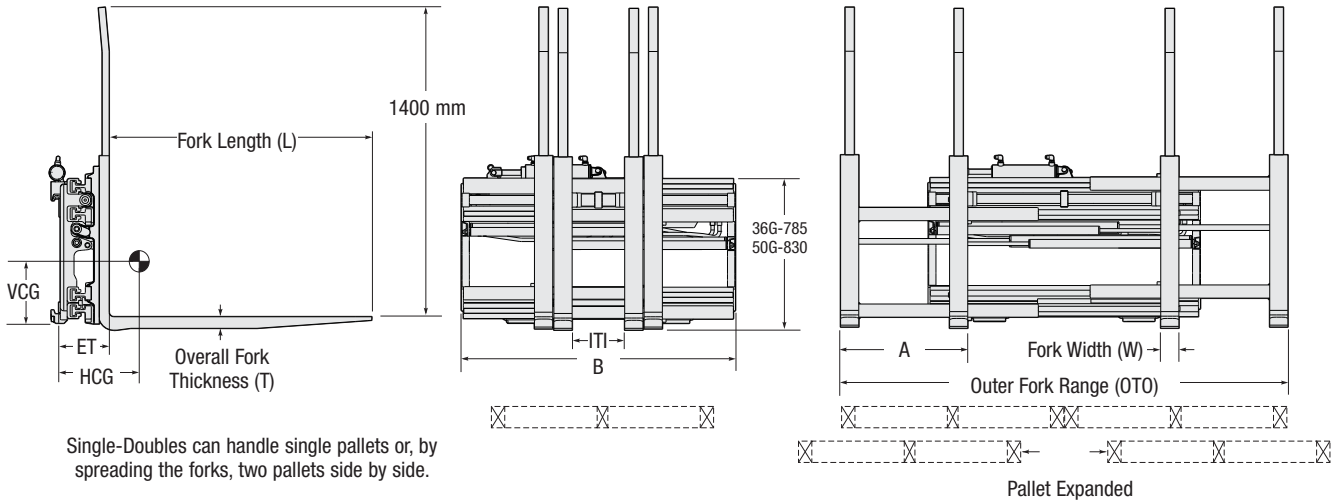
FEATURES

- Superior visibility through and over the frame for damage free handling at all stacking heights
- All steel frame for increased overall durability, eliminating flexing
- Easy access cylinders can be resealed without removing for quick servicing
- Bolt-on Interchangeable forks for low service cost
- Full-length, fully enclosed wrap around UHMW plastic bearings provide maximum strength and full bearing support, greatly reducing wear on bearing surface
- Parabolic fork heel increases longevity in this normally high-wear area
- Inner forks mounted on a chrome pin for greater inner fork stability
- Adjustable fork set spread for ability to handle Euro or international pallets (560 to 685)

OPTIONS

- Various load backrest configuration heights, fork lengths and sections
- Various fork set spreads and opening ranges
- Quick-disconnect lower hooks
- Drop shank forks—forks are lowered relative to the attachment frame
- Independent fork set control—allows moving left or right fork set independent of the opposite fork set
- Non-Sideshifting models available
- Lower sideshift rollers





High Capacity—Sideshifting

Catalogue Order No.	Capacity @ Load Centre kg@mm	Opening Range (mm) OTO	In to In Closed (mm) ITI	Frame width (mm) B	Fork set spread (mm) A	Fork size (mm) LxWxT	Minimum Truck Carriage Width (mm)	Effective Thickness (mm) ET	Horizontal Centre Of Gravity (mm) HCG	Vertical Centre of Gravity (mm) VCG	Weight kg	Mounting Class ISO 2328	Backrest Height
For Euro pallets 1200x800mm													
36G-FDS-B501	3600@600	560-1970	230	1250	560	1150x80x60	980	259	249	307	743	3	1400
50G-FDS-C501	5000@600	560-1970	230	1250	560	1150x80x60	980	259	239	267	746	4 ①	1400
General multi load handler - for international pallets 1200x1000mm													
36G-FDS-B500	3600@600	660-2070	330	1250	640	1150x80x60	980	259	248	307	749	3	1400
50G-FDS-C500	5000@600	660-2070	330	1250	640	1150x80x60	980	259	238	267	752	4 ①	1400

- ① 50G: Class 3 mounting available. Consult Cascade.
- ▶ The outer fork tines are 5 mm higher than the inner fork tines
- ▶ 200 mm total sideshift
- ▶ FDS units are limited to forks up to 1520 mm in length.
- ▶ Right hand termination standard, left hand termination available at no charge.

- ▶ For longer forks please see FQS models.
- ▶ UHMW polyethylene lower sideshift bearings standard. For lower sideshift rollers consult Cascade.

HYDRAULIC FLOW AND PRESSURE

Minimum	Recommended	Maximum	Operating Pressure
15 l/min	27 l/min	27 l/min	200 BAR

HYDRAULIC FUNCTIONS

Hydraulic Functions	Truck Auxiliary Valves Required
2	2



Single-Double (FDS)