



Features & Benefits:

ENVIRONMENTALLY FRIENDLY



All electric actuation eliminates the need for hydraulics and the potential for leaking attachments

ENERGY EFFICIENT



Electric actuators consume a minimal amounts of energy due to their inherent efficiency, which allows for longer AGV battery life

SUPERIOR VERSATILITY



Independent control of forks allows near limitless fork set spreads to handle a wide variety of pallets

LOW FRICTION BEARING SYSTEM



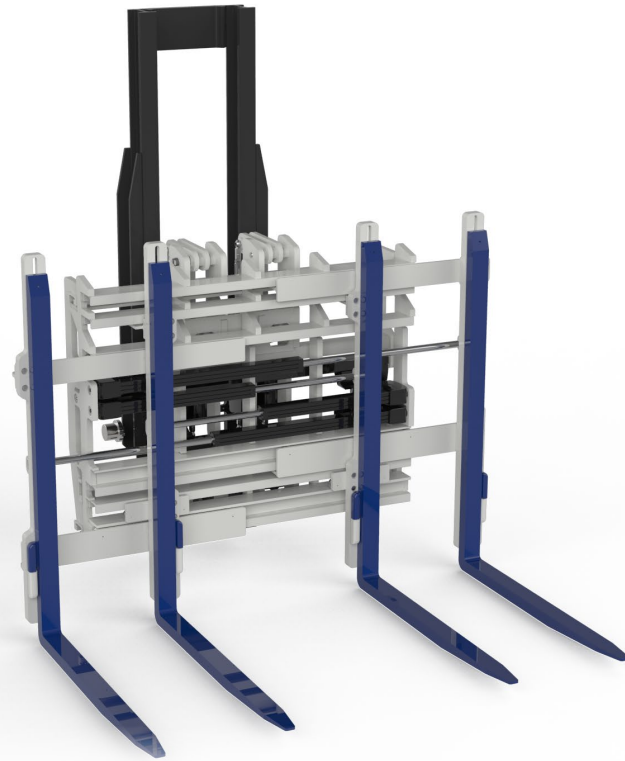
Minimizes energy required side shifting and snapping loads and spreading loads

TILT MECHANISM



Integrated tilt to adapt and easily pick-up variable loads

An energy efficient AGV solution designed with the latest technology to increase productivity.



Revolutionary Energy Efficient Performance Results in Lower Total Cost of Ownership

PERFORMANCE	AT RATED CAPACITY	MAX POWER
Fork Positioning (Velocity, Power):	70mm/Sec, 50 Watts	220 Watts
Load Snapping (Velocity, Power):	70mm/Sec, 290 Watts	430 Watts
Sideshifting (Velocity, Power):	70mm/Sec, 160 Watts	430 Watts
Tilt (Velocity, Power):	0.5°/Sec, 630 Watts	960 Watts

Catalog Order No.	Capacity@ 600 mm Load Center kg	Inner Fork Range (mm) ITI	Outer Fork Range (mm) OTO	Fork Size (mm) LxWxT	Frame Width (mm)	Total Sideshift +/- (mm)	Tilt +/-	Effective Thickness ET	Vertical Ctr. of Gravity (mm) VCG	Horizontal Ctr. of Gravity (mm) HCG	System Voltage V	Weight kg
30JE-VDS	3,000	205-880	540-2070	1200x80x50	1500	420	4.5°	*	640**	629**	24V	1,454

* Effective Thickness is based on your custom AGV specifications, consult Cascade.

** Measured from lower stubshaft



Actuators with Integrated Sensors

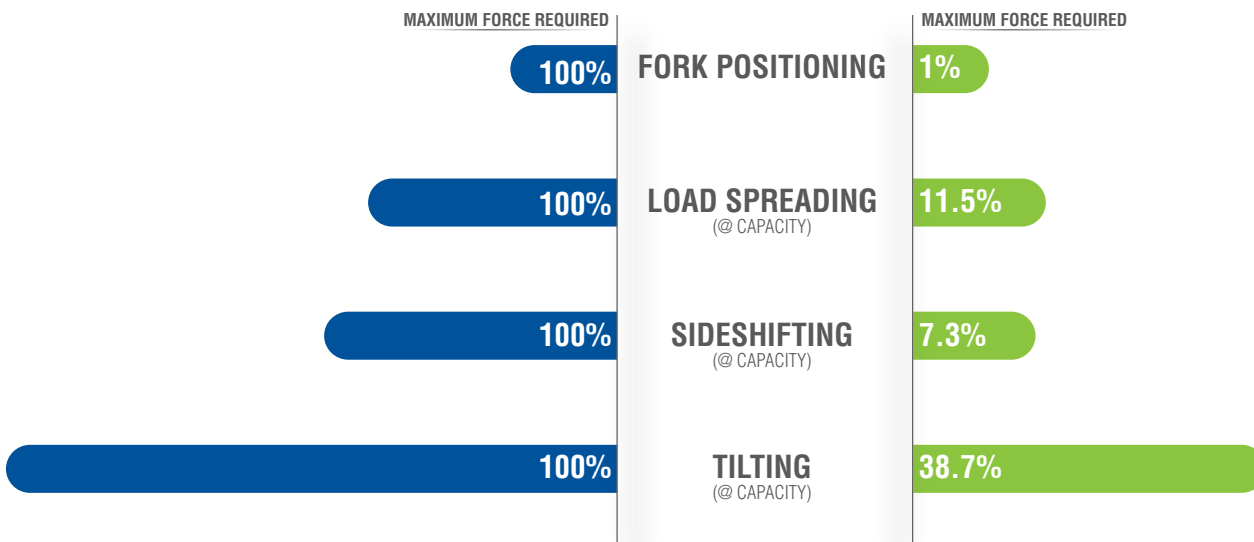
Electronic control and feedback data regarding position, load, speed and diagnostics sent to AGV using CAN Bus J1939 protocol, reducing the need to add sensors to attachment.



HYDRAULIC MULTIPLE LOAD HANDLERS

VERSUS

CASCADE ELECTRIC MULTIPLE LOAD HANDLERS



Electric MLH requires less force than a standard hydraulic MLH minimizing energy and resulting in significant energy efficiency.

Contact us for more information 800 CASCADE (227.2233)