



## Increase productivity, reduce product damage.

### APPLICATIONS

Designed for medium density loads in the warehousing, beverage, appliance and electronics industries. The 30E's four-cylinder construction and articulating pads evenly distribute clamp force, requiring less pressure to hold loads. Large visibility windows provide a better view of the product so drivers can place loads quickly and accurately. The results: increased productivity and no product damage.

### FEATURES

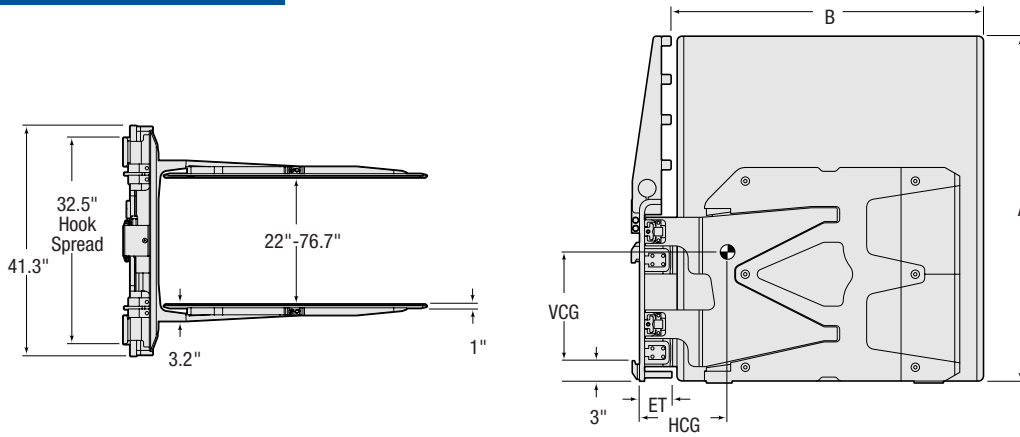
- Excellent driver visibility
- Uniform clamp force distribution
- Equal arm movement
- Increased arm speed
- Smooth knifing between loads
- Protected components
- Extended height arm stabilizer for added support to contact pad
- Dual plumbing for right- and left-hand hook-up of clamp and sideshifting hydraulics
- Hydraulic manifold system eliminates leaking hoses and tubes

### OPTIONS

- Pad height extension
- Grooved aluminum contact pads
- Various contact pad sizes and arm opening ranges
- Flow control valve
- Class III mounting

*Cascade's  
unique Carton  
Clamp design  
ensures gentle  
handling of  
your product.*





## Sideshifting

Capacity @ Load Center		Opening Range	Catalog Order No. Bolt-On Lower Hooks	Mtg. Class	Weight		Effective Thickness ET	Horizontal Ctr. of Gravity HCG	Vertical Ctr. of Gravity VCG	Arm Height A	Arm Length B
lbs @ inches	kg @ mm				lbs	kg					
3,000 @ 20	1,360 @ 510	22"-76.7"	30E-CCS-A032	II	1,319	599	5.0"	13.9"	14.4"	48"	40"
3,000 @ 21	1,360 @ 535	22"-76.7"	30E-CCS-A033	II	1,327	603	5.0"	14.1"	14.4"	48"	42"
3,000 @ 23	1,360 @ 585	22"-76.7"	30E-CCS-A034	II	1,448	657	5.0"	16.3"	14.5"	48"	46"
3,000 @ 24	1,360 @ 600	22"-76.7"	30E-CCS-A035	II	1,458	662	5.0"	16.5"	14.6"	48"	48"
3,000 @ 26	1,360 @ 660	22"-76.7"	30E-CCS-A036	II	1,664	756	5.0"	19.3"	15.0"	48"	52"
2,900 @ 27	1,315 @ 685	22"-76.7"	30E-CCS-A037	II	1,670	758	5.0"	19.6"	15.0"	48"	54"
3,000 @ 20	1,360 @ 510	22"-76.7"	30E-CCS-A042	II	1,433	651	5.0"	14.3"	15.9"	54"	40"
3,000 @ 21	1,360 @ 535	22"-76.7"	30E-CCS-A043	II	1,443	655	5.0"	14.8"	16.0"	54"	42"
3,000 @ 23	1,360 @ 585	22"-76.7"	30E-CCS-A044	II	1,572	714	5.0"	16.9"	16.0"	54"	46"
3,000 @ 24	1,360 @ 600	22"-76.7"	30E-CCS-A045	II	1,586	720	5.0"	17.2"	16.1"	54"	48"
3,000 @ 26	1,360 @ 660	22"-76.7"	30E-CCS-A046	II	1,718	780	5.0"	19.4"	16.1"	54"	52"
2,900 @ 27	1,315 @ 685	22"-76.7"	30E-CCS-A047	II	1,736	788	5.0"	19.8"	16.2"	54"	54"
3,000 @ 20	1,360 @ 510	22"-76.7"	30E-CCS-A092	II	1,436	652	5.0"	14.4"	16.8"	60"	40"
3,000 @ 21	1,360 @ 535	22"-76.7"	30E-CCS-A093	II	1,448	657	5.0"	14.7"	16.9"	60"	42"
3,000 @ 23	1,360 @ 585	22"-76.7"	30E-CCS-A094	II	1,575	715	5.0"	16.8"	16.9"	60"	46"
3,000 @ 24	1,360 @ 600	22"-76.7"	30E-CCS-A095	II	1,587	721	5.0"	17.1"	17.0"	60"	48"
3,000 @ 26	1,360 @ 660	22"-76.7"	30E-CCS-A096	II	1,725	783	5.0"	19.4"	17.0"	60"	52"
2,900 @ 27	1,315 @ 685	22"-76.7"	30E-CCS-A097	II	1,737	789	5.0"	19.7"	17.1"	60"	54"

- ▶ Class II bolt-on mounting is standard. Class III and Quick Disconnect mounting also available. Requires 38" minimum truck carriage width.
- ▶ Front lower leading edge pad wear can be addressed by periodic replacement of the factory installed wear tiles. Contact Cascade Parts Department at 888-CASCADE (227-2233) for service kits. Cascade recommends using tilt control with all carton clamps.
- ▶ Can easily be converted to non-sideshifting by plugging ports on the valve.

## INSTALLATION KIT

Catalog Order No.
659249

## HYDRAULIC FLOW AND PRESSURE

Minimum Flow	Recommended Flow	Maximum Flow	Maximum Pressure
5 GPM	7.5 GPM	10 GPM	2,600 PSI/180 bar

## HYDRAULIC FUNCTIONS

Hydraulic Functions	Truck Auxiliary Valves Required
2	2

## MOUNTING CLASS INFORMATION

Mounting Class	Truck Capacity
II	2,000-5,500 lbs.