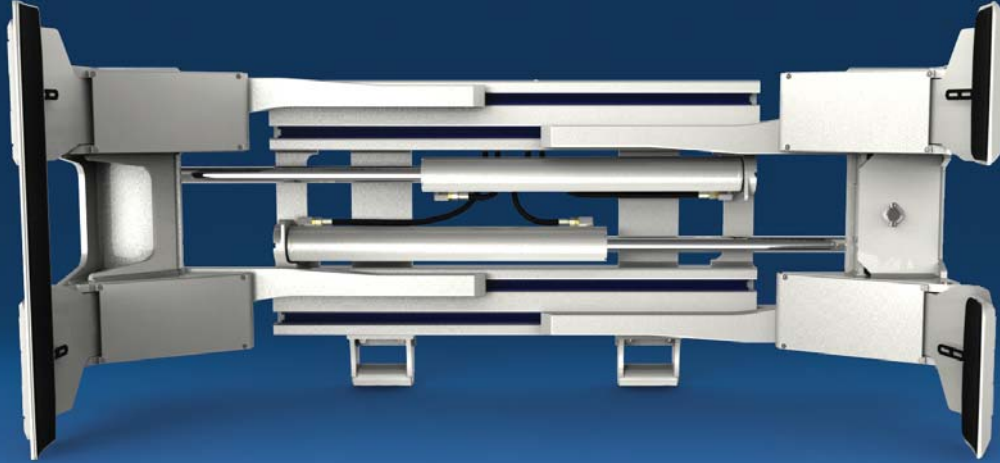


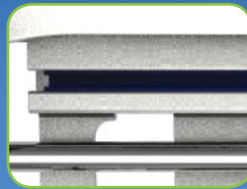
Maintain a Thin Arm Profile While Handling One, Two or Four Rolls



Application specific hydraulic cylinders for increased arm speed



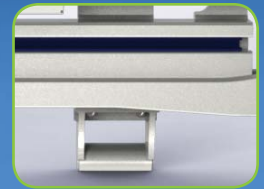
Split left hand arm allows handling multiple rolls with different diameters



Full width lip over UHMW bearings provide maximum strength and bearing support



Thin arm profile enables damage-free "knifing" between tightly stacked rolls



Built in stand to easily remove and store clamp when not in use

APPLICATIONS

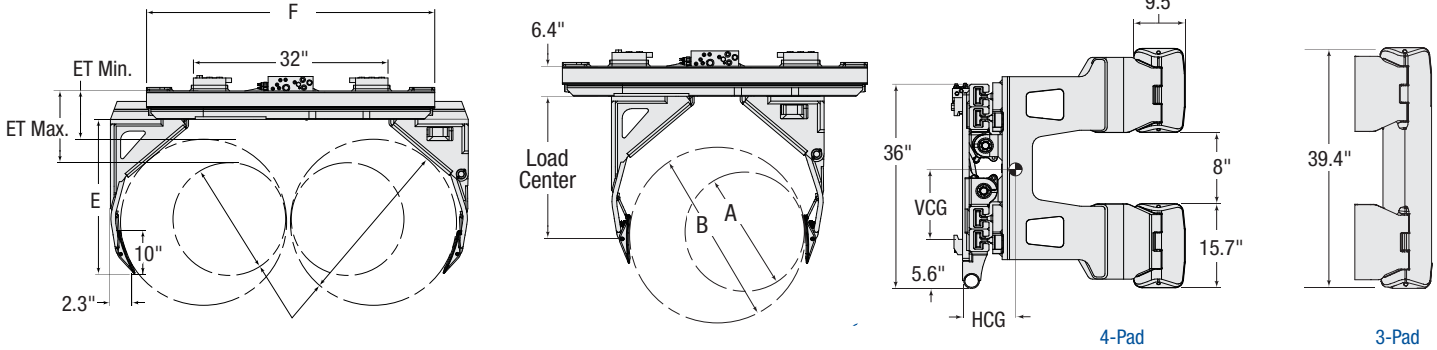
Cascade 30G-50G Sliding Arm Paper Roll Clamps are designed for handling from one to four paper rolls at once. Great for use in cross dock, general warehousing, stevedoring and applications where tight stacking is needed. Perfect for loading/unloading trailers, containers and ships.

OPTIONS

- Non-split arms on both sides for one or two roll handling.
- HFC (Hydraulic Force Control).
- AFC (Adaptive Force Control).
- Rubber pads for optimizing clamp force.

FEATURES

- Maximized arm speed by selecting high or low pressure cylinders which correspond to operating pressure of lift truck.
- Thin arm profile enables damage-free "knifing" between tightly stacked rolls.
- Split left hand arm allows handling rolls with up to a 3" difference in diameter.
- Full width lip over UHMW bearings provide maximum strength and bearing support. Greatly reduces wear on bearing surface and the need to frequently replace bearings.
- Hydraulic circuit provides the following:
 - Over-clamping protection
 - Sideshift pressure relief
 - Excellent accessibility for servicing
- Great visibility.
- Built-in stand to easily remove and store clamp when not in use.



Catalog Order No.	Capacity@ Load Center		Roll Range		Pad Type	No. of Pads ^②	Mtg. Class	Mtg. Angle	Weight		Double Roll Effective Thickness		Horizontal Ctr of Gravity	Vertical Ctr. of Gravity	Arm Length	Frame Width
	lbs@in	kg@mm	A - B	C-D					lbs	kg	Min-Max	ET				
Low Pressure^① (See Note ① below for important information on selecting correct model)																
30G-RSM-3A-0125	6,600@26.0"	3000@660	35.4"-50"	35.4"-42"	R	4	III	0°	2,119	963	10.2"-8.0"	9.2"	14"	30.7"	47"	
30G-RSM-3A-0127	6,600@28.5"	3000@725	35.4"-55"	35.4"-46"	R	4	III	0°	2,240	1018	10.2"-6.7"	9.6"	14"	33.3"	53"	
30G-RSM-3A-2125	6,600@26.0"	3000@660	35.4"-50"	35.4"-42"	R	3	III	0°	2,132	969	10.2"-8.0"	9.4"	14"	30.7"	47"	
30G-RSM-3A-2127	6,600@28.5"	3000@725	35.4"-55"	35.4"-46"	R	3	III	0°	2,253	1024	10.2"-6.7"	9.7"	14"	33.3"	53"	
30G-RSM-3A-0025	6,600@26.0"	3000@660	35.4"-50"	35.4"-42"	H	4	III	0°	2,092	951	10.2"-8.0"	9.0"	14"	30.7"	47"	
30G-RSM-3A-0027	6,600@28.5"	3000@725	35.4"-55"	35.4"-46"	H	4	III	0°	2,215	1007	10.2"-6.7"	9.4"	14"	33.3"	53"	
30G-RSM-3A-2025	6,600@26.0"	3000@660	35.4"-50"	35.4"-42"	H	3	III	0°	2,103	956	10.2"-8.0"	9.1"	14"	30.7"	47"	
30G-RSM-3A-2027	6,600@28.5"	3000@725	35.4"-55"	35.4"-46"	H	3	III	0°	2,224	1011	10.2"-6.7"	9.4"	14"	33.3"	53"	
High Pressure^① (See Note ① below for important information on selecting correct model)																
30G-RSM-3A-0115	6,600@26.0"	3000@660	35.4"-50"	35.4"-42"	R	4	III	0°	2,112	960	10.2"-8.0"	9.2"	14"	30.7"	47"	
30G-RSM-3A-0117	6,600@28.5"	3000@725	35.4"-55"	35.4"-46"	R	4	III	0°	2,235	1016	10.2"-6.7"	9.6"	14"	33.3"	53"	
30G-RSM-3A-2115	6,600@26.0"	3000@660	35.4"-50"	35.4"-42"	R	3	III	0°	2,125	966	10.2"-8.0"	9.4"	14"	30.7"	47"	
30G-RSM-3A-2117	6,600@28.5"	3000@725	35.4"-55"	35.4"-46"	R	3	III	0°	2,248	1022	10.2"-6.7"	9.7"	14"	33.3"	53"	
30G-RSM-3A-0015	6,600@26.0"	3000@660	35.4"-50"	35.4"-42"	H	4	III	0°	2,088	949	10.2"-8.0"	9.0"	14"	30.7"	47"	
30G-RSM-3A-0017	6,600@28.5"	3000@725	35.4"-55"	35.4"-46"	H	4	III	0°	2,211	1005	10.2"-6.7"	9.4"	14"	33.3"	53"	
30G-RSM-3A-2015	6,600@26.0"	3000@660	35.4"-50"	35.4"-42"	H	3	III	0°	2,099	954	10.2"-8.0"	9.1"	14"	30.7"	47"	
30G-RSM-3A-2017	6,600@28.5"	3000@725	35.4"-55"	35.4"-46"	H	3	III	0°	2,220	1009	10.2"-6.7"	9.4"	14"	33.3"	53"	

- ① Select the appropriate model to assure adequate clamp force and optimized arm speed:
 - For high pressure models, 2755 psi (190 bar) is the minimum truck hydraulic pressure required to reach the rated capacity.
 - For low pressure models, 2300 psi (160 bar) is the minimum truck hydraulic pressure required to reach the rated capacity.
- ② 3 pads indicates 1 full-height pad on non-split arm, 4 pads indicates 4 split pads.

- ▶ Split arm accommodates roll sizes with a maximum 3" difference in diameter between upper and lower roll.
- ▶ Split arm on left hand side is standard.
- ▶ Pad Type: H = Herringbone, R = Rubber

HYDRAULIC FLOW & PRESSURE

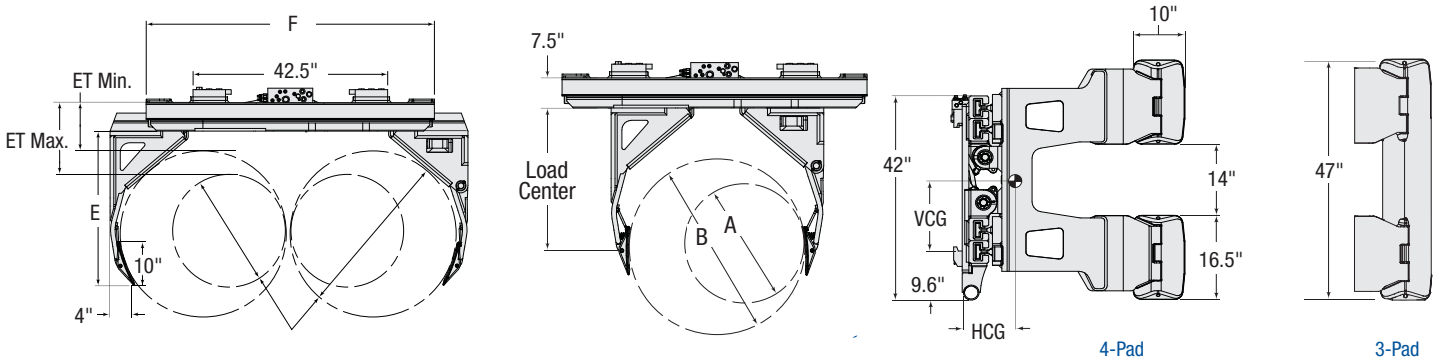
Minimum Pressure psi	Maximum Pressure psi/bar	Number of Functions	Rotate		Clamp	
			Min-Rec	Max	Min-Rec	Max
500	2,300/160	2	n/a		10	15 24

MOUNTING CLASS INFORMATION

Mounting Class	Truck Capacity
III	6,000 to 10,000 lbs.

HYDRAULIC FUNCTIONS

Hydraulic Functions	Truck Auxiliary Valves Required
2	2



	Capacity@ Load Center		Roll Range		Pad Type	No. of Pads ^②	Mtg. Class	Mtg. Angle	Weight		Double Roll Effective Thickness		Horizontal Ctr. of Gravity		Arm Length	Frame Width
	lbs@in	kg@mm	A - B	C-D					lbs	kg	Min-Max	ET	HCG	VCG		
Low Pressure^① (See Note ① below for important information on selecting correct model)																
41G-RSM-4A-0125	9,020@29.5"	4100@750	35.4"-59"	35.4"-50"	R	4	IV	0°	3,172	1442	8.4"-12.6"	9.9"	13.8"	34.4"	63"	
41G-RSM-4A-2125	9,020@29.5"	4100@750	35.4"-59"	35.4"-50"	R	3	IV	0°	3,183	1447	8.4"-12.6"	10.0"	13.8"	34.4"	63"	
41G-RSM-4A-0025	9,020@29.5"	4100@750	35.4"-59"	35.4"-50"	H	4	IV	0°	3,153	1433	8.4"-12.6"	9.9"	13.8"	34.4"	63"	
41G-RSM-4A-2025	9,020@29.5"	4100@750	35.4"-59"	35.4"-50"	H	3	IV	0°	3,166	1439	8.4"-12.6"	10.0"	13.8"	34.4"	63"	
High Pressure^① (See Note ① below for important information on selecting correct model)																
41G-RSM-4A-0115	9,020@29.5"	4100@750	35.4"-59"	35.4"-50"	R	4	IV	0°	3,109	1413	8.4"-12.6"	10.0"	13.8"	34.4"	63"	
41G-RSM-4A-2115	9,020@29.5"	4100@750	35.4"-59"	35.4"-50"	R	3	IV	0°	3,117	1417	8.4"-12.6"	10.1"	13.8"	34.4"	63"	
41G-RSM-4A-0015	9,020@29.5"	4100@750	35.4"-59"	35.4"-50"	H	4	IV	0°	3,100	1409	8.4"-12.6"	10.0"	13.8"	34.4"	63"	
41G-RSM-4A-2015	9,020@29.5"	4100@750	35.4"-59"	35.4"-50"	H	3	IV	0°	3,113	1415	8.4"-12.6"	10.1"	13.8"	34.4"	63"	

- ① Select the appropriate model to assure adequate clamp force and optimized arm speed:
 - For high pressure models, 2755 psi (190 bar) is the minimum truck hydraulic pressure required to reach the rated capacity.
 - For low pressure models, 2300 psi (160 bar) is the minimum truck hydraulic pressure required to reach the rated capacity.
- ② 3 pads indicates 1 full-height pad on non-split arm, 4 pads indicates 4 split pads.

- ▶ Split arm accommodates roll sizes with a maximum 3" difference in diameter between upper and lower roll.
- ▶ Split arm on left hand side is standard.
- ▶ Pad Type: H = Herringbone, R = Rubber

HYDRAULIC FLOW & PRESSURE

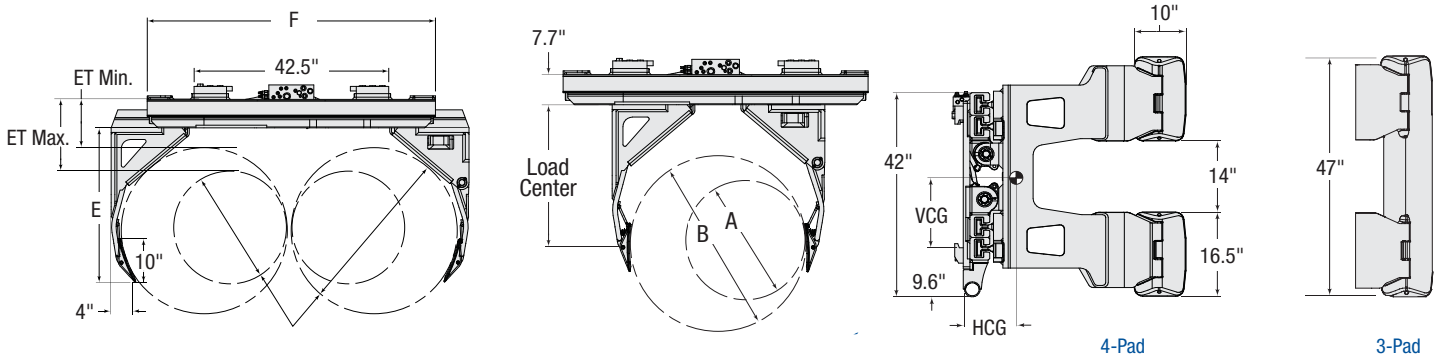
Minimum Pressure psi	Maximum Pressure psi/bar	Number of Functions	Rotate		Clamp		
			Min-Rec-Max Function 1 gpm	Max	Min-Rec-Max Function 2 gpm	Max	
500	2,300/160	2	n/a		10	15	24

MOUNTING CLASS INFORMATION

Mounting Class	Truck Capacity
IV	10,001 to 17,500 lbs.

HYDRAULIC FUNCTIONS

Hydraulic Functions	Truck Auxiliary Valves Required
2	2



Catalog Order No.	Capacity@ Load Center		Roll Range Single	Roll Range Double	Pad Type	No. of Pads ^②	Mtg. Class	Mtg. Angle	Weight		Double Roll Effective Thickness	Horizontal Ctr. of Gravity	Vertical Ctr. of Gravity	Arm Length	Frame Width
	lbs@in	kg@mm	A - B	C-D	lbs				kg	ET Min-Max	HCG	VCG	E	F	
Low Pressure^① (See Note ① below for important information on selecting correct model)															
50G-RSM-4A-0125	11,000@29.5"	5000@750	35.4"-59"	35.4"-50"	R	4	IV	0°	3,234	1470	8.7"-12.8"	9.9"	13.8"	34.4"	63"
50G-RSM-4A-2125	11,000@29.5"	5000@750	35.4"-59"	35.4"-50"	R	3	IV	0°	3,245	1475	8.7"-12.8"	10.0"	13.8"	34.4"	63"
50G-RSM-4A-0025	11,000@29.5"	5000@750	35.4"-59"	35.4"-50"	H	4	IV	0°	3,230	1468	8.7"-12.8"	9.9"	13.8"	34.4"	63"
50G-RSM-4A-2025	11,000@29.5"	5000@750	35.4"-59"	35.4"-50"	H	3	IV	0°	3,241	1473	8.7"-12.8"	10.0"	13.8"	34.4"	63"
High Pressure^① (See Note ① below for important information on selecting correct model)															
50G-RSM-4A-0115	11,000@29.5"	5000@750	35.4"-59"	35.4"-50"	R	4	IV	0°	3,238	1472	8.7"-12.8"	9.9"	13.8"	34.4"	63"
50G-RSM-4A-2115	11,000@29.5"	5000@750	35.4"-59"	35.4"-50"	R	3	IV	0°	3,252	1478	8.7"-12.8"	10.0"	13.8"	34.4"	63"
50G-RSM-4A-0015	11,000@29.5"	5000@750	35.4"-59"	35.4"-50"	H	4	IV	0°	3,234	1470	8.7"-12.8"	9.9"	13.8"	34.4"	63"
50G-RSM-4A-2015	11,000@29.5"	5000@750	35.4"-59"	35.4"-50"	H	3	IV	0°	3,247	1476	8.7"-12.8"	10.0"	13.8"	34.4"	63"

- ① Select the appropriate model to assure adequate clamp force and optimized arm speed:
 - For high pressure models, 2755 psi (190 bar) is the minimum truck hydraulic pressure required to reach the rated capacity.
 - For low pressure models, 2300 psi (160 bar) is the minimum truck hydraulic pressure required to reach the rated capacity.
- ② 3 pads indicates 1 full-height pad on non-split arm, 4 pads indicates 4 split pads.

- ▶ Split arm accommodates roll sizes with a maximum 3" difference in diameter between upper and lower roll.
- ▶ Split arm on left hand side is standard.
- ▶ Pad Type: H = Herringbone, R = Rubber

HYDRAULIC FLOW & PRESSURE

Minimum Pressure psi	Maximum Pressure psi/bar	Number of Functions	Rotate	Clamp
			Min-Rec-Max Function 1 gpm	Min-Rec-Max Function 2 gpm
500	2,300/160	2	n/a	10 15 24

MOUNTING CLASS INFORMATION

Mounting Class	Truck Capacity
IV	10,001 to 17,500 lbs.

HYDRAULIC FUNCTIONS

Hydraulic Functions	Truck Auxiliary Valves Required
2	2