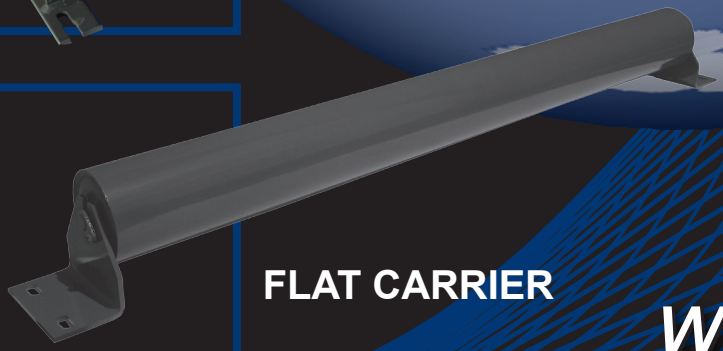
Van Gorp

CEMA D6 & E7 CLASS IDLERS

EQUAL TROUGHING IDLER

RETURN IDLER

TROUGHED IMPACT IDLER

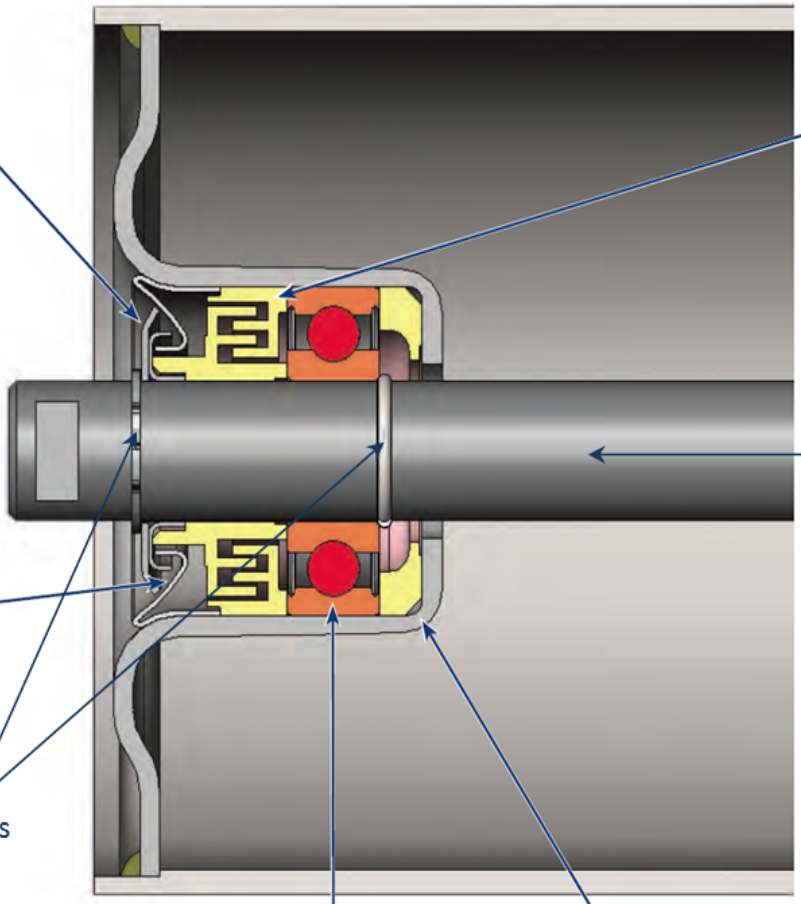


FLAT CARRIER

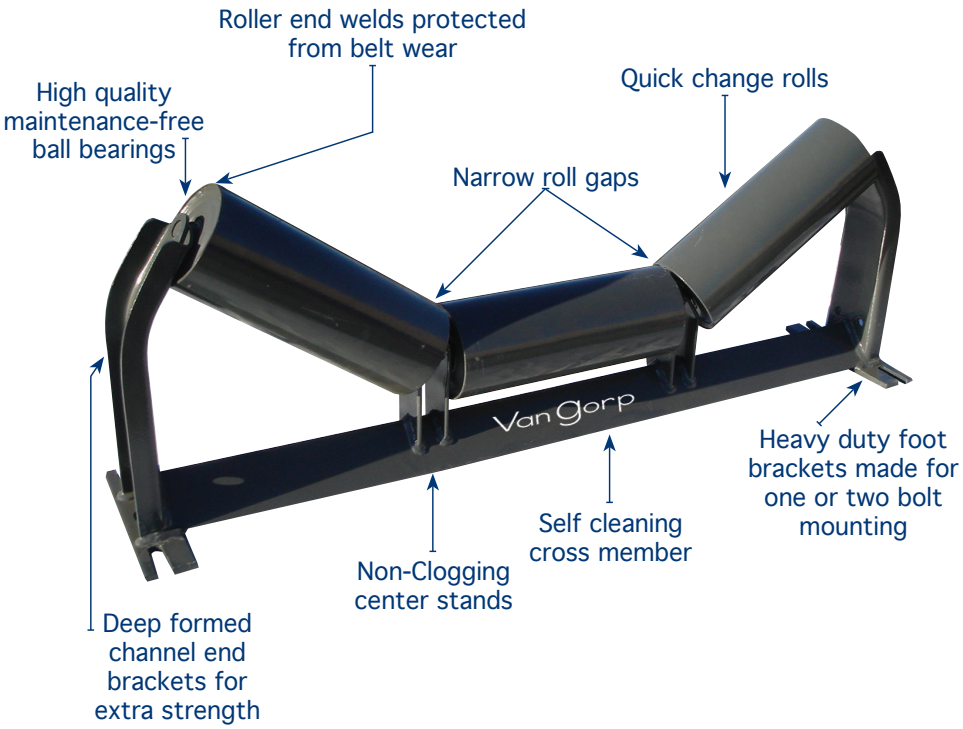
World Class Quality

Energy savings from 25% less roll-drag.

BEARING & SEAL ARRANGEMENT



Van Gorp Idlers conform to CEMA standards for dimensions and meet or exceed CEMA load ratings.



EQUAL TROUGHING IDLER

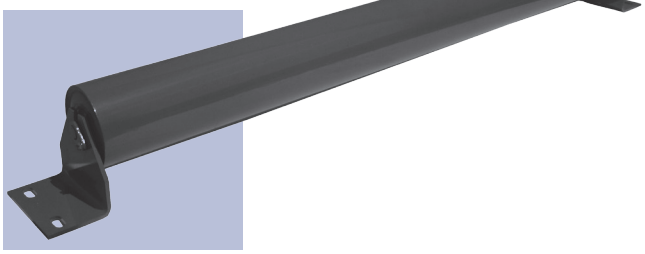
Troughed belt idlers are available in roll inclinations of 20, 35 and 45 degrees.

RETURN IDLER

Carries empty belt on the return run.

TROUGHED IMPACT IDLER

Troughed belt rubber cushion idlers protect the belt by absorbing impacts at loading and transfer points. They are available in inclinations of 20, 35 and 45 degrees.

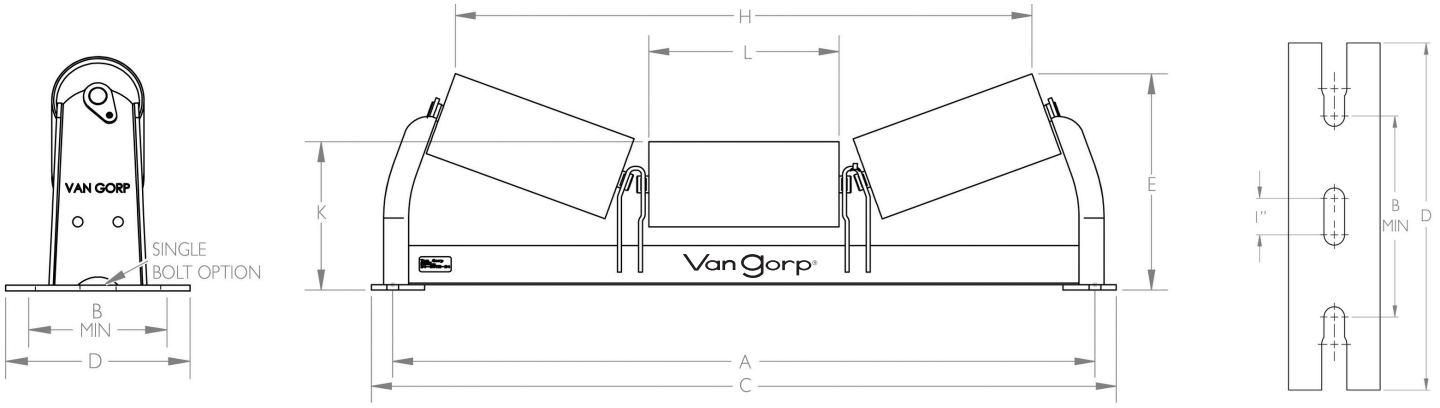


FLAT CARRIER

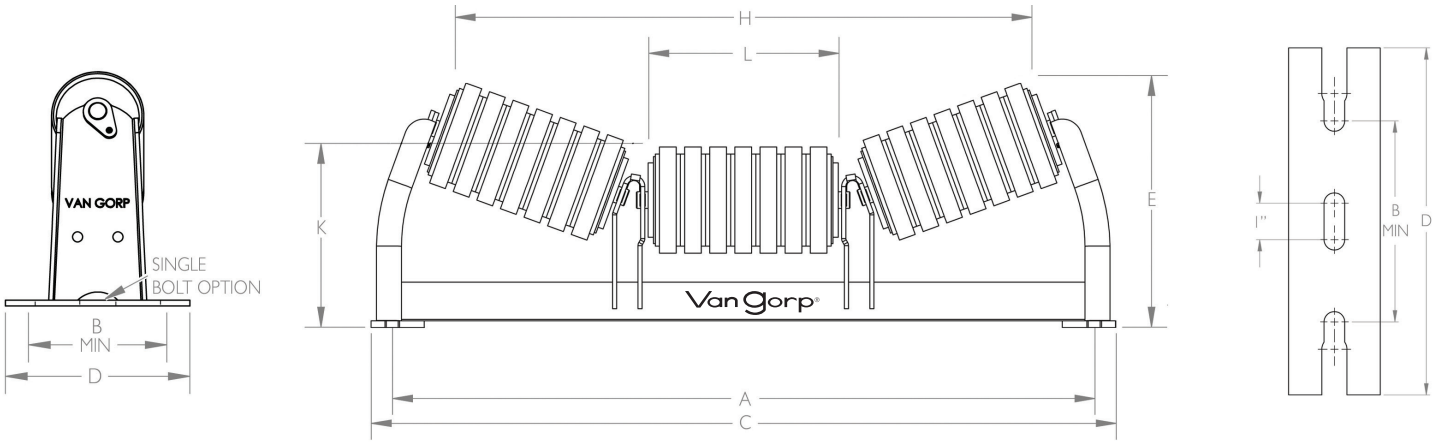
Used for picking and sorting conveyors.

Also available in heavy duty live shaft design.

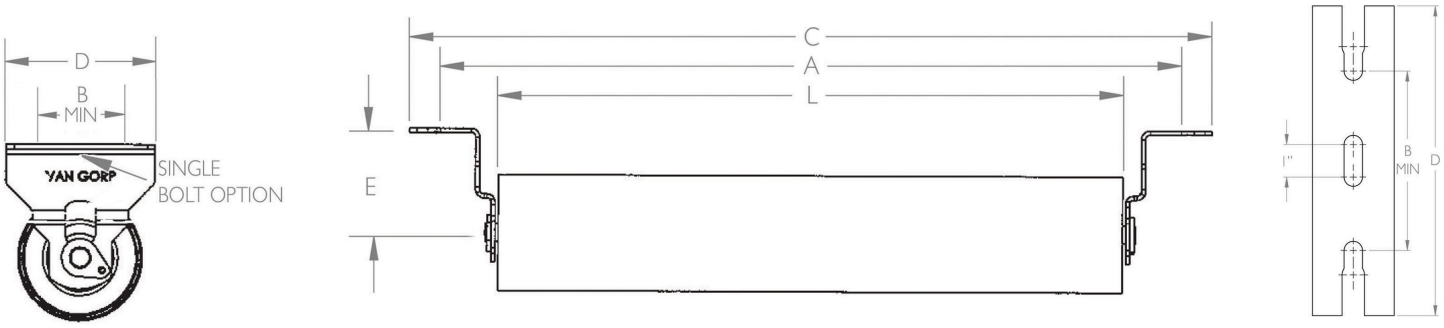
Also The Finest and Most Complete Line of Conveyor Pulleys!



D6 EQUAL TROUGHING IDLERS									
Assembly Description	E	H	K	Assembly Weight	A	C	Bmin	D	L
D6-20TE-24	12.13	26.69	9.00	56	33	35.0	5.5	9.50	8.94
D6-35TE-24	14.25	24.06	9.00	57					
D6-20TE-30	13.06	32.94	9.13	66	39	41.5	5.5	9.50	11.13
D6-35TE-30	15.69	29.81	9.13	68					
D6-20TE-36	13.75	39.13	9.13	75	45	47.5	5.5	9.50	13.25
D6-35TE-36	16.81	35.44	9.13	76					
D6-20TE-42	14.88	45.44	9.50	93	51	53.5	5.5	9.50	15.44
D6-35TE-42	18.44	41.19	9.50	96					
D6-20TE-48	15.63	51.75	9.50	103	57	59.5	5.5	9.50	17.63
D6-35TE-48	19.69	46.94	9.50	106					
D6-20TE-54	16.75	57.81	10.00	118	63	65.5	7.0	10.94	19.75
D6-35TE-54	21.31	52.56	10.00	125					
D6-20TE-60	17.38	63.56	10.00	128	69	71.5	7.0	10.94	21.75
D6-35TE-60	22.44	57.88	10.00	134					

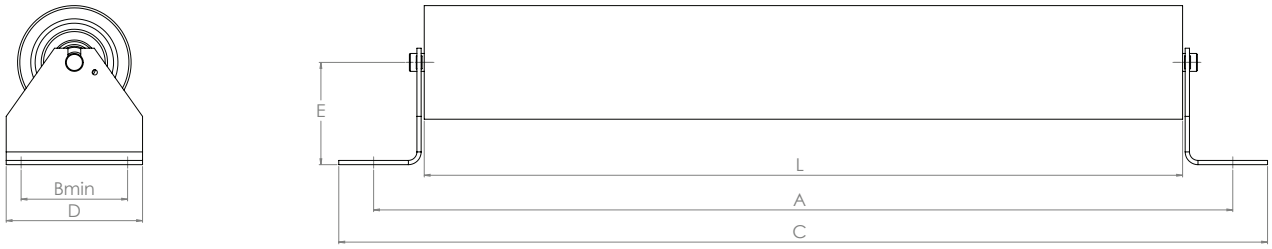


D6 IMPACT TROUGHING IDLERS									
Assembly Description	E	H	K	Assembly Weight	A	C	Bmin	D	L
D6-20TEI-24	11.88	26.25	9.00	68	33	35.0	5.5	9.50	8.94
D6-35TEI-24	13.81	23.63	9.00	69					
D6-20TEI-30	12.81	32.50	9.13	84	39	41.5	5.5	9.50	11.13
D6-35TEI-30	15.13	29.38	9.13	86					
D6-20TEI-36	13.50	38.69	9.13	99	45	47.5	5.5	9.50	13.25
D6-35TEI-36	16.38	35.00	9.13	101					
D6-20TEI-42	14.63	45.00	9.50	124	51	53.5	5.5	9.50	15.44
D6-35TEI-42	18.00	40.75	9.50	127					
D6-20TEI-48	15.38	51.25	9.50	137	57	59.5	5.5	9.50	17.63
D6-35TEI-48	19.25	46.50	9.50	140					
D6-20TEI-54	16.50	57.38	10.00	157	63	65.5	7.0	10.94	19.75
D6-35TEI-54	20.88	52.13	10.00	164					
D6-20TEI-60	17.13	63.13	10.00	173	69	71.5	7.0	10.94	21.75
D6-35TEI-60	22.00	57.38	10.00	179					

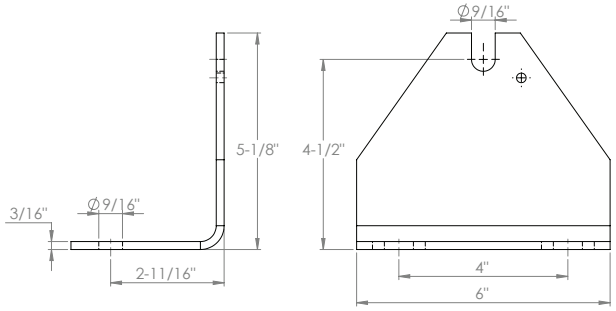


D6 RETURN IDLERS							
Assembly Description	E	Bmin	D	Assembly Weight	A	C	L
D6-1R-24	1.5	4.000	6.0	34	33	35	27.38
D6-4R-24	4.5	4.000	9.0	36			
D6-1R-30	1.5	4.000	6.0	40	39	41	33.38
D6-4R-30	4.5	4.000	9.0	42			
D6-1R-36	1.5	4.000	6.0	46	45	47	39.38
D6-4R-36	4.5	4.000	9.0	48			
D6-1R-42	1.5	4.000	6.0	52	51	53	45.38
D6-4R-42	4.5	4.000	9.0	54			
D6-1R-48	1.5	4.000	6.0	58	57	59	51.38
D6-4R-48	4.5	4.000	9.0	60			
D6-1R-54	1.5	4.000	6.0	64	63	65	57.38
D6-4R-54	4.5	4.000	9.0	66			
D6-1R-60	1.5	4.000	6.0	70	69	71	63.38
D6-4R-60	4.5	4.000	9.0	72			

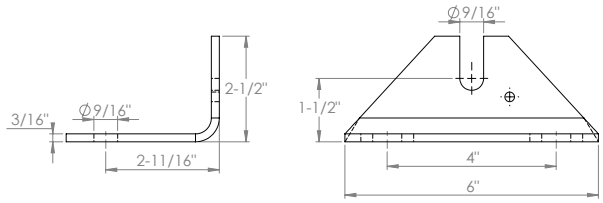
**Flat Carrier Idlers also available. Same clearance dimensions as the Return Idlers listed.*



End Stands for Flat Carrier Idlers



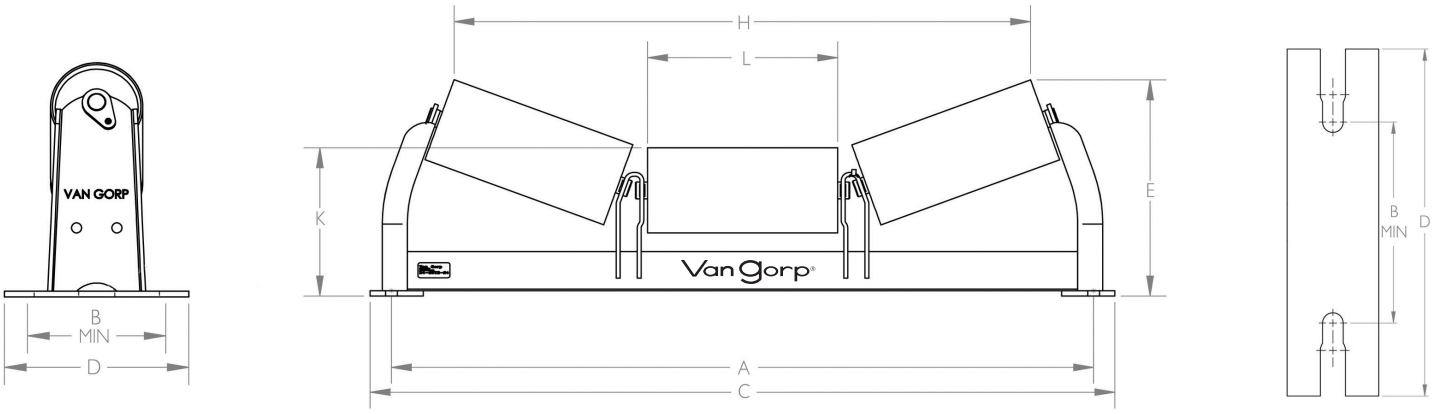
4-1/2" Standard End Stand



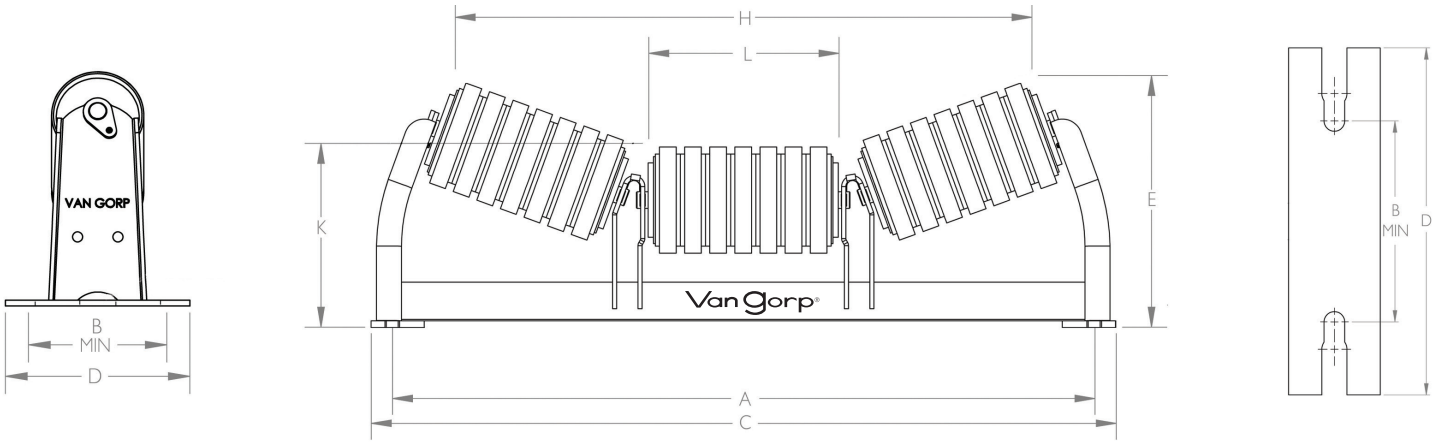
1-1/2" Optional End Stand

CEMA Load Ratings for CEMA D Idlers (Lbs)						
Idler Class	Belt Width (In)	Trough			Single Roll Return	Two Roll Vee Return
		20°	35°	45°		
CEMA D	24	1200	1200	1200	600	
	30	1200	1200	1200	600	
	36	1200	1200	1200	600	850
	42	1200	1200	1200	500	850
	48	1200	1200	1200	425	850
	54	1200	1116	1080	375	850
	60	1150	1070	1035	280	850

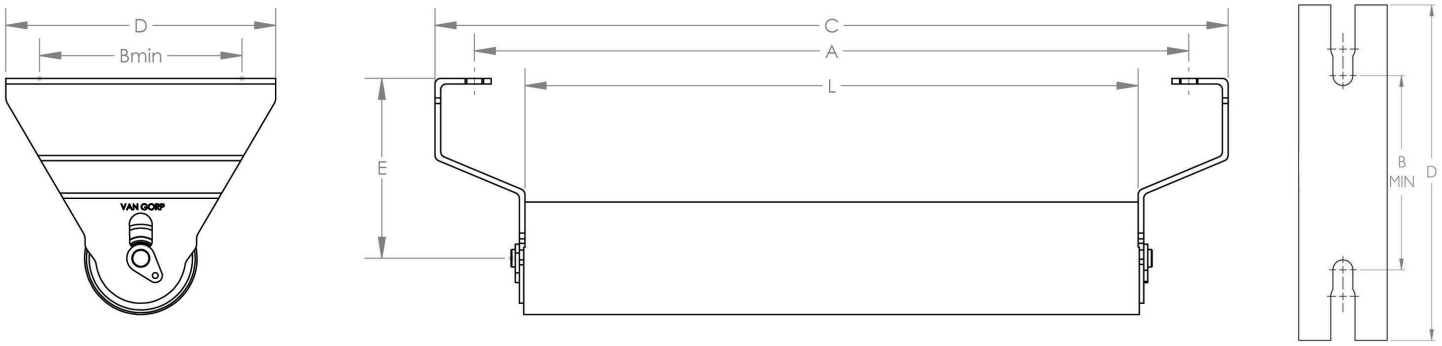
**Van Gorp Idlers meet or exceed CEMA standards.*



E7 EQUAL TROUGHING IDLERS									
Assembly Description	E	H	K	Assembly Weight	A	C	Bmin	D	L
E7-20TE-36	15.88	39.38	11.25	141	45	49.00	7.5	14.00	13.00
E7-35TE-36	18.75	34.75	11.25	142					
E7-20TE-42	16.56	45.13	11.25	154	51	54.75	7.5	14.00	15.00
E7-35TE-42	19.88	40.06	11.25	155					
E7-20TE-48	17.50	53.06	11.25	167	57	62.63	7.5	14.00	17.75
E7-35TE-48	21.50	47.31	11.25	173					
E7-20TE-54	18.19	58.88	11.25	186	63	68.38	7.5	14.00	19.75
E7-35TE-54	22.63	52.63	11.25	186					
E7-20TE-60	18.88	64.56	11.25	199	69	74.25	7.5	14.00	21.75
E7-35TE-60	23.75	57.88	11.25	199					
E7-20TE-66	20.25	70.31	12.00	237	75	79.88	7.5	14.00	23.75
E7-35TE-66	25.69	63.13	12.00	236					
E7-20TE-72	20.94	76.13	12.00	252	81	85.88	7.5	14.00	25.75
E7-35TE-72	26.81	68.44	12.00	251					

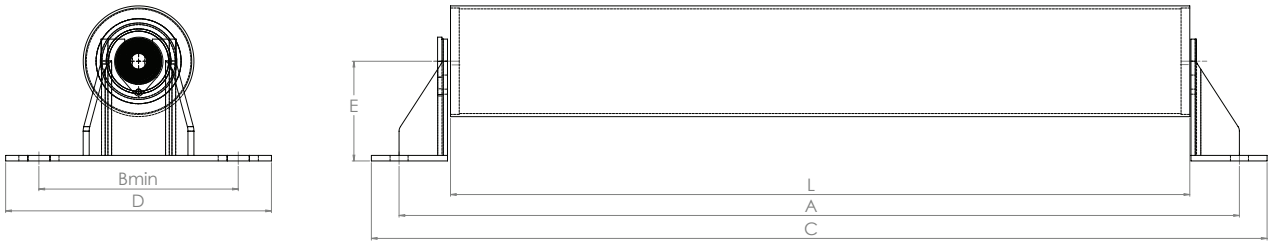


E7 IMPACT TROUGHING IDLERS									
Assembly Description	E	H	K	Assembly Weight	A	C	Bmin	D	L
E7-20TEI-36	15.88	39.38	11.25	186	45	49.00	7.5	14.00	13.00
E7-35TEI-36	18.75	34.75	11.25	190					
E7-20TEI-42	16.56	45.13	11.25	209	51	54.75	7.5	14.00	15.00
E7-35TEI-42	19.88	40.06	11.25	214					
E7-20TEI-48	17.50	53.06	11.25	242	57	62.63	7.5	14.00	17.75
E7-35TEI-48	21.50	47.31	11.25	247					
E7-20TEI-54	18.19	58.88	11.25	266	63	68.38	7.5	14.00	19.75
E7-35TEI-54	22.63	52.63	11.25	271					
E7-20TEI-60	18.88	64.56	11.25	286	69	74.25	7.5	14.00	21.75
E7-35TEI-60	23.75	57.88	11.25	292					
E7-20TEI-66	20.25	70.31	12.00	333	75	79.88	7.5	14.00	23.75
E7-35TEI-66	25.69	63.13	12.00	339					
E7-20TEI-72	20.94	76.13	12.00	385	81	85.88	7.5	14.00	25.75
E7-35TEI-72	26.81	68.44	12.00	391					

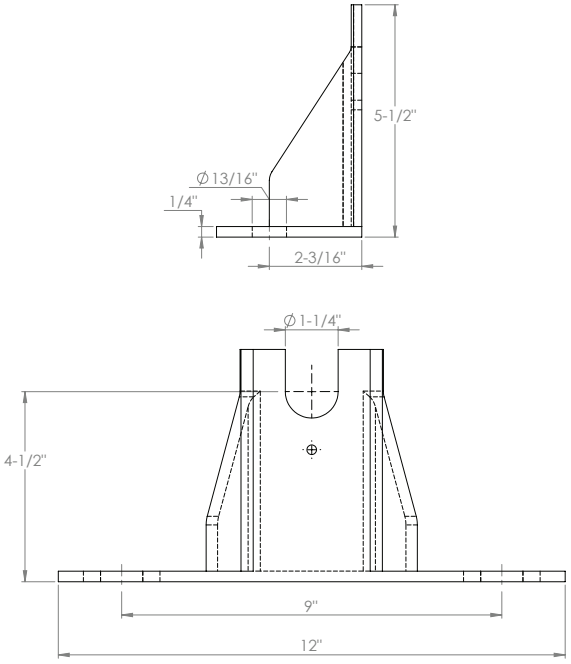


E7 RETURN IDLERS							
Assembly Description	E	Bmin	D	Assembly Weight	A	C	L
E7-7R-36	7.0	9.000	12.0	82	45	48	40
E7-7R-42	7.0	9.000	12.0	92	51	54	46
E7-7R-48	7.0	9.000	12.0	101	57	60	52
E7-7R-54	7.0	9.000	12.0	110	63	66	58
E7-7R-60	7.0	9.000	12.0	118	69	72	64
E7-7R-66	7.0	9.000	12.0	127	75	78	70
E7-7R-72	7.0	9.000	12.0	136	81	84	76

**Flat Carrier Idlers also available. Same clearance dimensions as the Return Idlers listed.*



End Stands for Flat Carrier Idlers



4-1/2" Standard End Stand

CEMA Load Ratings for CEMA E Idlers (Lbs)						
Idler Class	Belt Width (In)	Trough			Single Roll Return	Two Roll Vee Return
		20°	35°	45°		
CEMA E	36	1800	1800	1800	1000	1300
	42	1800	1800	1800	1000	1300
	48	1800	1800	1800	1000	1300
	54	1800	1800	1800	925	1300
	60	1800	1800	1800	850	1300
	66				775	1300
	72	1800	1800	1800	700	1300

**Van Gorp Idlers meet or exceed CEMA standards.*

Van Gorp®

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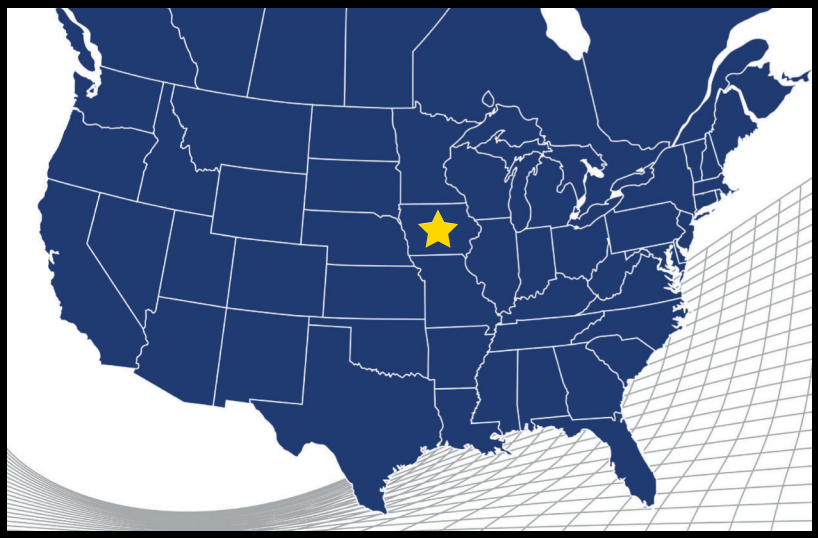
Call 1-800-VANGORP (826-4677)
or email your inquiries to:
vangorp@vangorp.biz



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NSSGA

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