

# ROLLER CASSETTE

## Conveyor Belt Impact Bed & Slider

# ASGCO®

Complete Conveyor Solutions

ASGCO®'s **Roller Cassette Beds** incorporate the advantages of slider and impact bars for sealing while maintaining constant rolling support for the conveyor belt in the load zone. This system provides additional rolling support as well as being able to eliminate the deflection between the belt and standard impact or troughing belt idlers.



**IMPACT ROLLERS** - eliminate spillage by reducing the conveyor belt deflector between rollers

**WINGS ROLLERS** - are fabricated to match any troughing angle

**STEEL ROLLERS** - are also available, along with impact and ceramic



- **Load Supported** - by having up to 4 sets of troughing idlers (12 rolls) in an area that you would normally only have 2 (6 rolls).
  - 9 or 12 idler sets are available.
  - 28" wide frame, using 6" (150mm) diameter rolls
  - Rolls can be spaced on 5" (125mm) to 7" (175mm) centers based on the roll diameter.
- **Custom Designed** - to suit your particular application.
  - Impact, Steel, or Ceramic rollers are available.
  - Stainless, Galvanized or Steel frames are available.
- **Meets All CEMA Standards** - and available in any belt width or troughing angle.
  - Eliminate spillage by reducing the conveyor belt deflector between rollers
  - Wing rollers can be raised and lowered and center rollers can slide out from either side
  - Designed for easy wash out
  - Rollers can be spaced on 5" to 7" centers based on roll diameter
  - Standard steel, impact or ceramic rollers are available
  - Wings are fabricated to match any troughing angle



### PRODUCT SPECIFICATIONS

Maximum Belt Speed - 1000 fpm (5 m/sec)

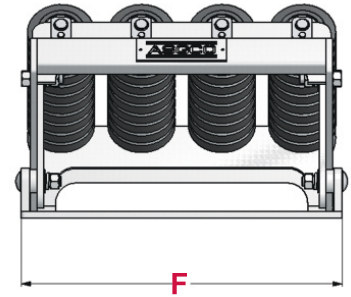
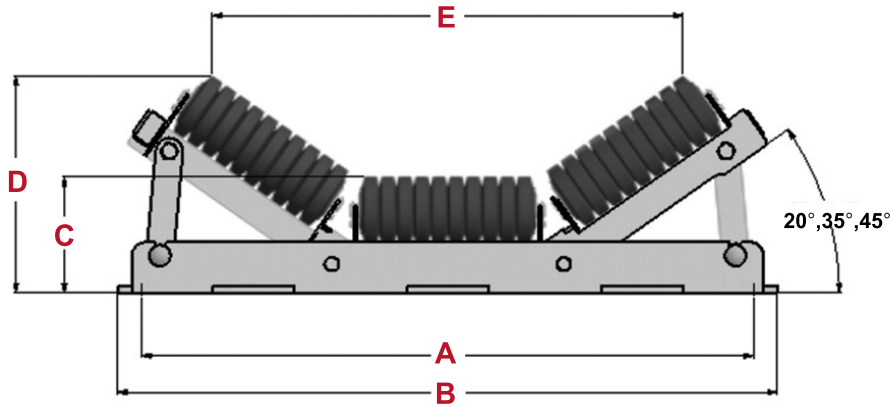
Application - Coal Fired Power Plant, Hard Rock Mining, Steel Mills, Iron Ore, Aggregate and Mineral (Phosphate, Potash, Salt) Mining.

**Need Solutions....to improve efficiency, safety and productivity? ask... ASGCO®**

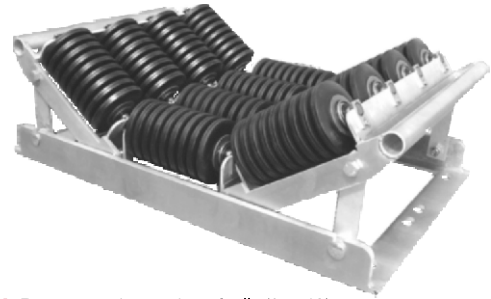
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# ROLLER CASSETTES™



Roller Cassette Conveyor Belt Impact Bed & Slider								
BW (in)	Part Number	Dimensions (in)					Number of Rolls	
		A	B	C	D 35°	E 35°	F	
							9	12
24"	M-ASGRC-24-Y-Z	33	36.5	9.31	14.25	23	16.938	27.938
30"	M-ASGRC-30-Y-Z	39	42.5	9.31	15.4	28.31		
36"	M-ASGRC-36-Y-Z	45	48.5	9.31	61.54	33.54		
42"	M-ASGRC-42-Y-Z	51	54.5	9.31	17.65	38.81		
48"	M-ASGRC-48-Y-Z	57	60.5	9.31	18.84	44.12		
54"	M-ASGRC-54-Y-Z	63	66.5	9.31	19.98	49.39		
60"	M-ASGRC-60-Y-Z	69	72.5	9.31	21.14	54.69		
72"	M-ASGRC-72-Y-Z	81	84.5	9.31	24.43	65.23		

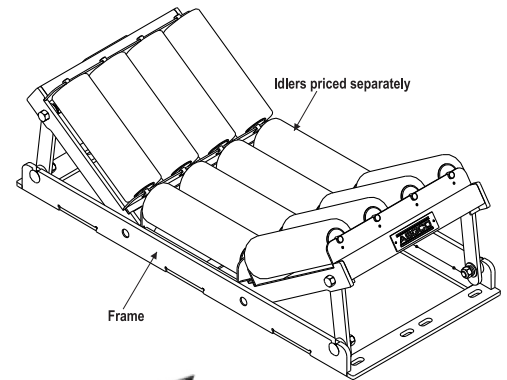


**Y** - Represents the number of rolls (9 or 12)  
**Z** - Represents troughing angle

*This chart is based on Cema D 6" dia impact rolls with 35° troughing angle. For additional sizes or troughing angles contact ASGCO®.*

Roller Cassette™ (9 Roller) Cassette Frames Degree (20, 35, 45)		
Part Number	Belt Width	
	in	mm
M-ASGRC-18-9-(XX)	18	457
M-ASGRC-24-9-(XX)	24	609
M-ASGRC-30-9-(XX)	30	762
M-ASGRC-36-9-(XX)	36	914
M-ASGRC-42-9-(XX)	42	1066
M-ASGRC-48-9-(XX)	48	1219
M-ASGRC-54-9-(XX)	54	1371
M-ASGRC-60-9-(XX)	60	1524
M-ASGRC-72-9-(XX)	72	1828
M-ASGRC-84-9-(XX)	84	2133
M-ASGRC-96-9-(XX)	96	2438

Roller Cassette™ (12 Roller) Cassette Frames Degree (20, 35, 45)		
Part Number	Belt Width	
	in	mm
M-ASGRC-18-12-(XX)	18	457
M-ASGRC-24-12-(XX)	24	609
M-ASGRC-30-12-(XX)	30	762
M-ASGRC-36-12-(XX)	36	914
M-ASGRC-42-12-(XX)	42	1066
M-ASGRC-48-12-(XX)	48	1219
M-ASGRC-54-12-(XX)	54	1371
M-ASGRC-60-12-(XX)	60	1524
M-ASGRC-72-12-(XX)	72	1828
M-ASGRC-84-12-(XX)	84	2133
M-ASGRC-96-12-(XX)	96	2438



Roller Cassette™ Frame

(XX) - Please enter 20, 35 or 45 for the degree of trough  
 \*Center idler rolls available at customers request.

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