

Safeguard your plant and your bottom line



Staying InSync With Technology.

Accidents waste time and money. Prevent them before they happen.

Complies with MSHA Guidelines



Applied Industrial Technologies and **Douglas[®] Manufacturing** make MSHA compliance simple. The second generation of **Guardian Roll Guards** offers a lightweight, easy-to-install UHMW design and an economical price for applications that do not call for a steel cage. Applied and Douglas Manufacturing keep the Cement Industry InSync[®] with valuable safety products you can trust.

Cement Industry

► Features and Benefits:

- ❑ **180° Design**
Protects personnel from return roller's pinch points and catches roller if it should fall
 - ❑ **Solid UHMW Polymer Slotted Cage**
Prevents material build-up within the guard and is relatively maintenance free
 - ❑ **Lightweight Construction**
Allows for quicker, easier installation and less man hours
 - ❑ **Universal Slotted Steel Mounting Brackets**
Works with CEMA B, C, D and E idlers using 4", 5" and 6" idlers with 1½" and 4½" drop brackets
 - ❑ **Complete Package**
Includes CEMA* safety warning labels, installation instructions and universal mounting brackets
- *Conveyor Equipment Manufacturer Association

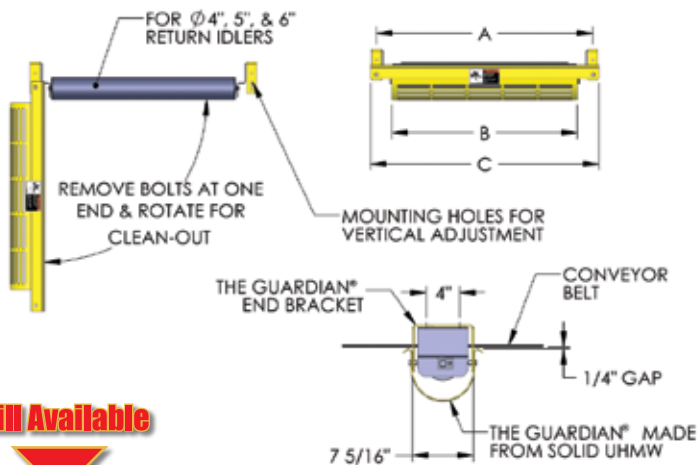


Douglas® Guardian™ Premium Return Roll Guard

DIMENSIONS AND SPECIFICATIONS (UHMW Model)						
Premium Roll Guard Model No.	Belt Width in. (mm)	Weight lb.	A in. (mm)	B in. (mm)	C in. (mm)	Mounting Bolt Size in.
RRG-18U	18 (457)	5.6	27 (686)	21-5/16 (541)	29 (737)	1/2
RRG-20U	20 (508)	5.8	29 (737)	23-5/16 (592)	31 (787)	1/2
RRG-24U	24 (610)	6.0	33 (838)	27-5/16 (694)	35 (889)	1/2
RRG-30U	30 (762)	6.5	39 (991)	33-5/16 (846)	41 (1041)	1/2
RRG-36U	36 (914)	6.8	45 (1143)	39-5/16 (999)	47 (1194)	1/2
RRG-42U	42 (1067)	7.3	51 (1295)	45-5/16 (1151)	53 (1346)	1/2
RRG-48U	48 (1219)	7.6	57 (1448)	51-5/16 (1303)	59 (1499)	1/2
RRG-54U	54 (1372)	8.1	63 (1600)	57-5/16 (1456)	65 (1651)	1/2
RRG-60U	60 (1524)	8.5	69 (1753)	63-5/16 (1608)	71 (1803)	1/2



IMPORTANT: Designed to be installed with a 1/4" gap between the guard and the belt. ALWAYS FOLLOW OSHA, STATE, AND OWNER REQUIRED SAFETY GUIDELINES/REGULATIONS DURING THE INSTALLATION OR OPERATION OF A CONVEYOR SYSTEM. Douglas Manufacturing Co., Inc. strongly recommends that any safety program be supplemented by the use of ANSI B20 that refers to conveyor systems. Never operate, adjust, or install equipment on a moving conveyor. Always follow lock out and tag out procedures when working on conveyor systems. Personnel who work on or around conveyor systems must be safety trained and familiar with conveyor systems. The Guardian™ must be inspected periodically to determine if the unit is in proper working order by inspecting and replacing the UHMW body, inspecting to see if material build-up has occurred and ensuring proper adjustment and tightness of all adjustable bolts. No idler guard can protect against potential danger in all situations or against all hazards. The Guardian is designed to help minimize the potential for danger but cannot guarantee protection in all situations or applications. This product is not a substitute for on-site safety programs. **If you have any questions or need assistance, please call your local Applied Service Center at 1-877-279-2799.**



Still Available

The Douglas Guardian Return Roll Guard is also available in a steel cage option, which has the same specifications as the UHMW-constructed model but varies in product weight. Contact your local Applied service center for additional information.



U.S. Patent 6,310,345 B1

DIMENSIONS AND SPECIFICATIONS (Steel Model)			
Roll Guard Model No.	Belt Width in. (mm)	Weight lb.	Mounting Bolt Size in.
RRG-18	18 (457)	12	1/2
RRG-24	24 (610)	14	1/2
RRG-30	30 (762)	15	1/2
RRG-36	36 (914)	17	1/2
RRG-42	42 (1067)	18	1/2
RRG-48	48 (1219)	20	1/2
RRG-54	54 (1372)	21	1/2
RRG-60	60 (1524)	23	1/2

**Contact Your Local Applied Service Center
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