

RAD CHAIN CONVEYORS MODELS

RAD chain conveyors are high performance systems for moving your crops efficiently. We offer conveyors for all applications including; Inclined Receiving Conveyors, Round Bottom Conveyors, Double-Run Conveyors, En-Masse Conveyors and Low Profile Silo Conveyors .

BUILT TO LAST

RAD conveyors are heavy duty Galvanized construction offers with optional liners in Hardox or UHMW. All conveyors are industrial design to increased strength & durability.

MULTIPLE FEATURES

RAD conveyors offer many features to maximize your performance to reduce operation costs. High Quality bearings, Hardened teeth sprockets, Nylon paddles, Heavy duty Takes-up, HD chain, larger attachments plates, stainless steel return rails, TGP 1045 shafts are only some of the standard features of our conveyors.

RAD Double-Run Conveyor



**DIRECT DRIVE SYSTEM
BOOT DRIVEN**



**UNIQUE RAD SELF CLEANING
BOOT SECTION**



HEAVY 81 XH CHAIN

HIGH CAPACITIES, LESS HORSEPOWER MAINTENANCE GRAIN DAMAGE

STANDARD FEATURES:

- Modular design,
- Incline up to 60deg
- Easy field assembly
- Gentle grain handling
- Limited trussing required
- Available in 8"-10"-12"
- Galvanized housing standard 10GA
- Unique RAD Self-cleaning round tail section
- Dodge MTA Direct drive gearing

- Head or boot driven options
- Heavy 81XH and 81XHH chain
- Flared inlet hopper

OPTIONAL FEATURES:

- Truss kits
- Drop-thru tail section with gates
- Heavier gauge tube available
- Self-cleaning round tail section
- Head discharge 30°, 45° or 60°
- Intermediate discharge with long gates
- Chain maintenance section





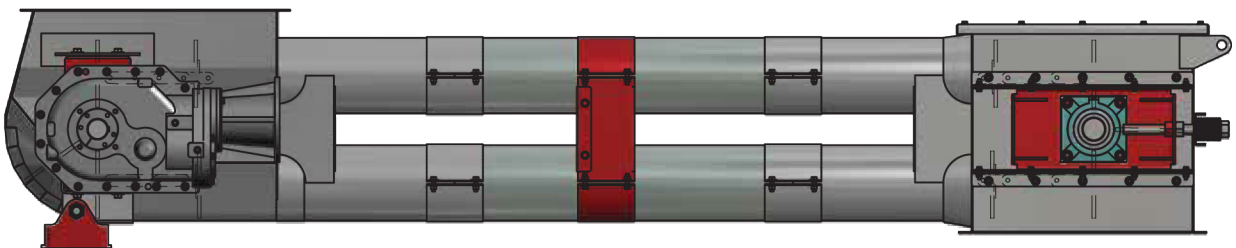
**HEAD DRIVEN OPTION
WITH TA BELT DRIVE**

WHY DOUBLE RUN

- Long life durability and gentle handling on grain.
- High capacity and low horsepower requirement
- Intermediate discharge with electric or manual gates
- Economical, Modular system & easy field installation.
- Optimal cleaning with unique RAD self-cleaning tail.

WHERE TO USE RAD DOUBLE RUN

- To replace Roof auger, Transfer auger or Dryer take-away auger
- Stationary applications to fill grain bins
- Inclining up to 60° after a bin unloading system



SPECIFICATIONS:

DIMENSION OF CONVEYING CHAMBER	8"	10"	12"
Maximum Capacity	4000 BPH (108 TPH)	6000 BPH (163 TPH)	10000 BPH (270 TPH)
Chain Travel	328 FPM	337 FPM	397 FPM
Head Shaft RPM	115	96	96
Housing Gauge Galvanized	10 GA. or (7 GA option)	10 GA. or (7 GA option)	10 GA. or (7 GA option)
Paddles UHMW	3/8"	1/2"	1/2"
Head Shaft	2 7/16"	2 15/16"	3 7/16"
Boot Shaft	2 7/16"	2 15/16"	3 7/16"
Conveyor Chain	81XH	81XH	81XH
Conveyor Sprocket	13 tooth	16 tooth	19 tooth
Empty weight /FT (LBS)	39 LBS	47 LBS	54 LBS
Full weight /FT (LBS)	54 LBS	73 LBS	89 LBS

MAXIMUM SPAN LENGTH (FT):

TUBING	WALL THICKNESS		
	12 GA	10 GA	7 GA
8"	48'	51'	53'
10"	56'	59'	60'
12"	64'	67'	70'

8 " DOUBLE - RUN 4000 BPH

ANGLE OF OPERATION	Horizontal (0 deg)	15 deg	30 deg	45 deg	60 deg
Maximum conveyor length in feet	330'	220'	150'	110'	90'

10 " DOUBLE - RUN 6000 BPH

ANGLE OF OPERATION	Horizontal (0 deg)	15 deg	30 deg	45 deg	60 deg
Maximum conveyor length in feet	330'	220'	150'	110'	90'

12 " DOUBLE - RUN 10 000 BPH

ANGLE OF OPERATION	Horizontal (0 deg)	15 deg	30 deg	45 deg	60 deg
Maximum conveyor length in feet	330'	220'	150'	110'	90'