



CHANTLAND

PVS

Material Handling Solutions

BA-SERIES KING SIZE BELT CONVEYORS

*For use in high capacity industrial,
warehouse, agri-industry and
dockside applications.*



*Available options include
side rails, gravity feeder or
discharge sections, and
powered belt feeder.*

DESIGN FEATURES:

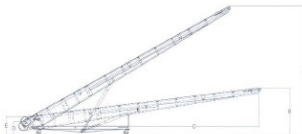
- 16" or 24" wide rough top belt. Standard belt speed is 65 FPM.
- 20 FT to 50 FT lengths with slider bed or roller bed construction.
- Crowned drive and takeup pulleys.
- Welded steel angle iron frame with truss design.
- Power lift easily raises or lowers the boom.
- Heavy-duty swivel casters with floor locks. Units 30 FT and longer are equipped with outrigger stabilizers.
- 1 PH or 3 PH TEFC motor with gear reducer drive (shielded).

SOLUTIONS

www.chantland.com

PACKERS • CONVEYORS • PALLETIZERS • SYSTEMS

BA-SERIES KING SIZE BELT CONVEYORS



NOTE: Specifications subject to change without notice.

STANDARD SPECIFICATIONS:

- **FRAME:** welded steel angle iron with truss design.
- **POWER LIFT:** boom is raised or lowered by shifting the power lift control lever on all units up to 26'-0" long. On Units 30'-0" and longer a gear-motor drive and magnetic reversing starter will be furnished to control the lift. Receiving end does not raise.
- **CASTERS:** heavy-duty swivel casters with floor locks. 6" dia. on 20', 23' and 26' units. 8" dia. on 30' and 35' units. 12" dia. on 40' and 50' units. Units 30' and longer are equipped with outrigger stabilizers.
- **SLIDER BED:** Formed steel slats reduce belt friction.
- **ROLLER BED:** rollers on 6" centers with ball bearings and spring loaded hex shafts.
- **PULLEYS:** drive pulley and takeup pulley are crowned to aid in belt tracking. Vulcanized lagging on drive pulley for maximum belt grip.
- **BEARINGS:** precision ball bearings throughout.
- **BELT:** rough top. Standard belt speed is 65 FPM.
- **DRIVE:** TEFC electric motor and enclosed worm gear reducer with heavy-duty roller chain to drive shaft.
- **ELECTRICAL:** magnetic reversing starters (less power cord and plug).

DIMENSIONS FOR 45° INCLINE

Model No.	Boom O.A. Length	Carriage Width	A	B	C	D	E
BA-20	20'	27 1/2"	14' 10"	4' 0"	9' 2"	11"	18"
BA-23	23'	36"	17' 0"	4' 9"	11' 0"	11"	19"
BA-26	26'	36"	19' 0"	6' 2"	13' 9"	11"	18"
BA-30	30'	54"	22' 1"	9' 0"	14' 3"	14"	21"
BA-35	35'	54"	25' 9"	10' 0"	18' 0"	16"	23"
BA-40	40'	72"	29' 7"	11' 0"	18' 6"	20"	27"
BA-50	50'	84"	36' 8"	12' 0"	22' 9"	21"	29"

● Width at front of carriage base frame.

○ Cleats on belt are necessary to attain maximum elevation heights.

APPROXIMATE SHIPPING WEIGHTS (POUNDS)

	BA20	BA23	BA26	BA30	BA35	BA40	BA50
16"SB	1400	1575	1750	2000	2425	2850	3275
16"RB	1425	1600	1775	2025	2450	2875	3300
24"SB	1500	1975	2450	3425	4300	6175	6060
24"RB	1525	2000	2475	3450	4325	5200	6075

LOAD CAPACITY & H.P. DATA

LOAD CAPACITY & H.P. DATA

Model No.	Slider Beds						Roller Beds					
	Motor H.P.						Motor H.P.					
	1	1 1/2	2	3	5	7 1/2	1	1 1/2	2	3	5	7 1/2
BA-20	420	560	750				540	720	975			
BA-23	400	540	720				520	730	940			
BA-26	380	520	700				500	675	900			
BA-30		500	680	1000				650	875	1200		
BA-35		480	650	950				620	830	1250		
BA-40			620	900	1500				800	1260	1950	
BA-50				850	1400	1800				1100	1800	2200

NOTE: Above capacities attained only with adequate wiring and full voltage to motor.

OPTIONS

- **ROUND RUBBER BELT CLEATS:** to attain maximum elevation.
- **SIDEBOARDS:** 4" high formed sheet metal.
- **GUARD RAILS:** adjustable in and out.
- **GRAVITY HOOKUPS:** receiving or discharging end.
- **GRAVITY FEEDER OR GRAVITY DISCHARGE:** 18" long.
- **POWERED BELT FEEDER:** 2' long.