



PORTABLE RADIAL STACKING CONVEYOR

50' / 60' / 80' / 95' / 100' / 110' / 125' / 150'

- Engineered to be the **quickest** from road transportation to field operation.
- Superior offers the industry standard with **more sizes available** than anyone else.
- Equipped with a heavy duty undercarriage for **stability, safety and support**.
- In-house engineers **calculate and design truss** to your specific application needs.

FEATURES AND OPTIONS



MANUAL FOLD TOP



AIR BRAKES / ROAD PACKAGE



TOWING EYE



FD AXLE



AUTO GREASER



HYDRAULIC RAISE



ANCHOR PIVOT PLATE



SWIVEL WHEELS FOR ROAD/RADIAL

- HEAVY DUTY UNDERCARRIAGE
- FD AXLE
- FIFTH WHEEL HITCH
- CHEVRON® PULLEY
- RADIAL TRAVEL
- TOWING EYE
- BELT SCALE
- NAVIGATOR® RETURN TRAINER

- MOXIE® ROLLS
- URATHON® RETURN ROLLS
- BELTING UPGRADE
- MANUAL TOP FOLD
- POWER TOP FOLD
- POWER TRAVEL
- EXTERRA® PRIMARY BELT CLEANER
- EXTERRA® SFL DUAL BELT CLEANER

- RADIAL RECEIVING HOPPER
- HYDRAULIC AXLE JACKS
- ANCHOR PIVOT PLATE
- AIR BRAKE PACKAGE
- AUTO GREASER
- HYDRAULIC RAISE
- LANDING GEAR
- IMPACT BED

- LIGHT PACKAGE
- TANK HEATER

SPECIFICATIONS

GENERAL SPECS

Tons Per Hour (TPH): Up to 1,200

Belt Widths (inches): Up to 42

Belt Speed (FPM): 400

Incline Angle: 18°

OPERATING DIMENSIONS	50'	60'	80'	95'	100'	110'	125'	150'
Conveyor Length (m)	50'-0" (15.2)	60'-0" (18.2)	80'-0" (24.4)	95'-0" (29.0)	100'-0" (30.4)	110'-0" (33.5)	125'-0" (38.1)	150'-0" (45.7)
Conveyor Ground Length (m)	45'-9" (14.0)	55'-2" (16.8)	74'-4" (22.7)	89'-0" (27.1)	93'-0" (28.5)	102'-0" (31.1)	116'-2" (35.4)	139'-9" (42.6)
Raised Height to Center of Pulley (m)	17'-11" (5.5)	21'-0" (6.4)	28'-1" (8.3)	33'-0" (10.1)	35'-4" (10.8)	36'-0" (11.0)	40'-11" (12.2)	49'-6" (15.1)
Lowered Height to Center of Pulley (m)	12'-5" (3.8)	12'-5" (3.8)	14'-6" (4.3)	14'-0" (4.2)	13'-6" (4.1)	17'-0" (5.2)	19'-5" (5.9)	17'-11" (5.5)
Anchor Pivot to Center of Axle (m)	25'-5" (7.8)	31'-2" (9.5)	39'-9" (12.1)	48'-4" (14.6)	51'-5" (15.6)	56'-7" (16.9)	60'-2" (18.4)	77'-3" (23.6)

STOCKPILE DIMENSIONS

Raised Stockpile Height (m)	18'-6" (5.7)	21'-6" (6.5)	28'-0" (8.5)	32'-0" (9.7)	34'-0" (10.4)	37'-0" (11.3)	42'-0" (12.8)	49'-0" (14.9)
Lowered Stockpile Height (m)	11'-2" (3.4)	11'-0" (3.4)	13'-3" (4.1)	13'-0" (4.0)	16'-2" (4.9)	17'-3" (5.3)	17'-3" (5.3)	13'-8" (4.2)
Radius of Pile (m)	21'-0" (6.4)	27'-0" (8.2)	36'-6" (11.2)	41'-4" (12.6)	42'-9" (13.0)	47'-0" (14.3)	55'-4" (16.9)	61'-10" (18.9)
Anchor Pivot to Center of Pile (m)	47'-10" (14.6)	57'-6" (17.6)	76'-5" (23.3)	90'-6" (27.6)	95'-3" (29.1)	104'-6" (31.9)	119'-0" (36.2)	143'-4" (43.7)

TRAVEL DIMENSIONS

Travel Length - Kingpin to Rear (m)	49'-5" (15.1)	59'-5" (18.1)	63'-7" (19.4)	73'-8" (22.3)	78'-8" (24.0)	60'-10" (18.6)	70'-9" (21.6)	80'-7" (24.6)
Travel Height (m)	11'-8" (3.6)	11'-10" (3.6)	14'-2" (4.3)	13'-7" (4.2)	13'-6" (4.2)	14'-1" (4.3)	14'-0" (4.3)	13'-11" (4.2)
Travel Width (m)	11'-6" (3.5)	11'-0" (3.3)	11'-9" (3.5)	11'-9" (3.5)	11'-9" (3.5)	12'-8" (3.9)	11'-11" (3.6)	11'-11" (3.6)
Kingpin to End of Tow Eye (m)	5'-3" (1.6)	5'-3" (1.6)	5'-2" (1.6)	5'-2" (1.6)	5'-3" (1.6)	5'-11" (1.8)	6'-0" (1.8)	5'-11" (1.8)
Kingpin to Axle (m)	24'-8" (7.6)	30'-10" (9.4)	40'-9" (12.5)	48'-5" (14.8)	53'-8" (16.4)	29'-2" (8.9)	33'-6" (10.2)	49'-6" (15.1)
Axle to Head Pulley (m)	24'-9" (7.6)	28'-7" (8.7)	22'-10" (7.0)	25'-3" (7.3)	24'-11" (7.6)	25'-8" (7.9)	31'-3" (9.5)	25'-3" (7.7)
FD Axle Size (If Equipped)	FD15	FD15	FD15	FD15	FD20	FD40	FD40	FD50
Weight at Axle - 36" Belt Width (kg)	7,000 (3,175)	7,500 (3,402)	11,300 (6,124)	14,000 (6,350)	18,000 (8,165)	33,000 (14,969)	33,000 (14,969)	34,200 (15,513)
Weight at Kingpin - 36" Belt Width (kg)	625 (283)	925 (420)	3,000 (1,361)	2,500 (1,134)	2,000 (1,769)	3,500 (1,588)	3,500 (1,588)	10,200 (4,627)

STOCKPILE CAPACITIES

MAXIMUM STOCKPILE CAPACITIES (MANUAL PILES) ASSUMPTIONS BASED ON MATERIAL WHICH HAS A 37° ANGLE OF REPOSE AND 100 PCF (1.6 t/m³) MATERIAL DENSITY.

Conveyor Length	Stockpile Height ft x in (m)	Stockpile Volume in Cubic Yards (m ³)				Stockpile Volume in Tons (MT)			
		Conical	90°	180°	270°	Conical	90°	180°	270°
50'	18'-6" (5.7)	430 (330)	1,700 (1,300)	2,900 (2,200)	4,200 (3,200)	580 (530)	2,300 (2,100)	4,000 (3,600)	5,600 (5,100)
60'	21'-6" (6.6)	680 (520)	2,700 (2,100)	4,800 (3,700)	6,800 (5,200)	920 (840)	3,700 (3,400)	6,400 (5,800)	9,200 (8,300)
80'	28'-0" (8.5)	1,500 (1,200)	6,000 (4,600)	10,500 (8,000)	15,000 (11,500)	2,000 (1,800)	8,100 (7,300)	14,200 (13,000)	20,200 (18,300)
95'	32'-0" (9.8)	2,300 (1,800)	9,600 (7,300)	16,900 (12,900)	24,200 (18,500)	3,100 (2,800)	13,000 (11,800)	22,800 (20,700)	32,700 (29,700)
100'	34'-0" (10.4)	2,700 (2,100)	11,100 (8,500)	19,500 (14,900)	28,600 (21,400)	3,600 (3,300)	15,000 (13,600)	26,400 (23,900)	38,000 (34,500)
110'	37'-0" (11.3)	3,500 (2,700)	14,500 (11,100)	25,600 (19,600)	36,600 (28,000)	4,700 (4,300)	19,600 (17,800)	34,500 (31,300)	49,400 (44,800)
125'	42'-0" (12.8)	4,900 (3,700)	20,800 (15,900)	36,700 (28,100)	52,600 (40,200)	6,700 (6,100)	28,100 (25,500)	49,600 (45,000)	71,100 (64,500)
150'	49'-0" (14.9)	8,200 (6,300)	35,000 (26,800)	61,900 (47,300)	88,700 (67,800)	11,100 (10,100)	47,300 (42,900)	83,500 (75,700)	119,700 (108,600)

PHOTO GALLERY

