

Series 40T

Trans Flite[®] Conveyor



Frame

- Heavy-duty lattice type

Idlers

- CEMA B – 5" (127mm) diameter
- 35-degree troughing idlers on 4' (1.2m) spacing
- 20-degree idlers at feed point, close spacing
- Flat steel return idlers on 10' (3m) spacing

Receiving Trough

- 5'6" (1.7m) long with adjustable rubber flashing

Belt Drive

- Head end drive
- 3/60/460 TEFC electric motor
- Class I Dodge[®] shaft mount reducer with backstop
- V-belt, motor mounts and guards
- 3/8" (9.5mm) grooved, rubber lagged head pulley
- Steel wing tail pulley
- Screw take-up
- Belt speed – 350 FPM (1.7mps)

Belt

- 2 ply, 220 PIW, 1/8" x 1/16" (3.2mm x 1.6mm) covers with mechanical fasteners

Pintle Hitch

Options

- CEMA C Idlers
- Rubber disc return idlers
- 3 ply, 330 PIW belting
- Vulcanized belt splice
- Receiving hopper
- AR Liners
- Impact idlers (3)
- Belt cleaner
- Dual tires
- Road portable

Physical and Operating Characteristics

Belt Width		Conveyor Length		Discharge Height Min		Discharge Height Max		Capacity*	
in	mm	ft	m	ft	m	ft	m	TPH	MTPH
24	610	60	18.3	8'	2.4	11' 5"	3.5	250	227
24	610	80	24.4	8'	2.4	11' 5"	3.5	250	227
24	610	100	30.5	8'	2.4	11' 5"	3.5	250	227
30	762	60	18.3	8'	2.4	11' 5"	3.5	500	434
30	762	80	24.4	8'	2.4	11' 5"	3.5	500	434
30	762	100	30.5	8'	2.4	11' 5"	3.5	500	434
36	914	60	18.3	8'	2.4	11' 5"	3.5	750	680
36	914	80	24.4	8'	2.4	11' 5"	3.5	750	680
36	914	100	30.5	8'	2.4	11' 5"	3.5	750	680
42	1,067	60	18.3	8'	2.4	11' 5"	3.5	1,000	907
42	1,067	80	24.4	8'	2.4	11' 5"	3.5	1,000	907
42	1,067	100	30.5	8'	2.4	11' 5"	3.5	1,000	907

*Capacity based on 100 PCF [1.3 T/M³] Material

Belt Width		Conveyor Length		Head Pulley		Tail Pulley		Frame Depth		Drive		Reducer
in	mm	ft	m	in	mm	in	mm	in	mm	hp	kW	
24	610	60	18.3	16	406	14	356	30	762	10	7.5	TA2115
24	610	80	24.4	16	406	14	356	30	762	10	7.5	TA2115
24	610	100	30.5	16	406	14	356	30	762	15	11.2	TA3203
30	762	60	18.3	16	406	14	356	30	762	15	11.2	TA3203
30	762	80	24.4	16	406	14	356	30	762	15	11.2	TA3203
30	762	100	30.5	16	406	14	356	30	762	20	14.9	TA3203
36	914	60	18.3	16	406	14	356	30	762	20	14.9	TA3203
36	914	80	24.4	16	406	14	356	36	914	20	14.9	TA3203
36	914	100	30.5	18	457	16	406	36	914	25	18.6	TA4207
42	1,067	60	18.3	18	457	16	406	36	914	25	18.6	TA4207
42	1,067	80	24.4	18	457	16	406	36	914	30	22.4	TA4207
42	1,067	100	30.5	18	457	16	406	36	914	30	22.4	TA4207