

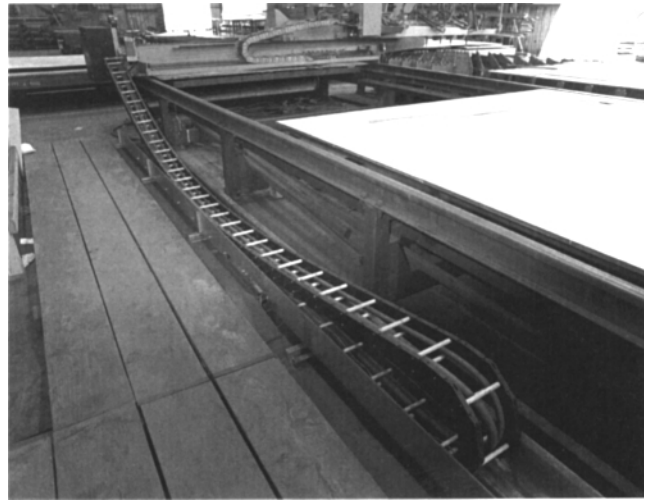
Guide Trays

For extended travel

Guide trays are required when recommended self-supported travel lengths are exceeded (See “Selecting” for details). This occurs when the total travel required exceeds the ability of the PowerTrak to support its own weight plus the weight of contained hoses and cables. The result is negative camber. Since nylon is a good bearing material and has an excellent memory, the negative camber is an advantage for long travels. It simply rides on itself or on a carriage. It need only be guided. See figs. 1 and 2.

The fixed end of the PowerTrak assembly is typically located at the center of its travel. When the movable end on a standard tray system is pulled past the fixed end, it rides on rollers (Fig. 1). If a carriage is used, it rides on angles because the carriage includes rollers. A carriage is recommended for high speeds and heavy loads. See following pages for carriage details.

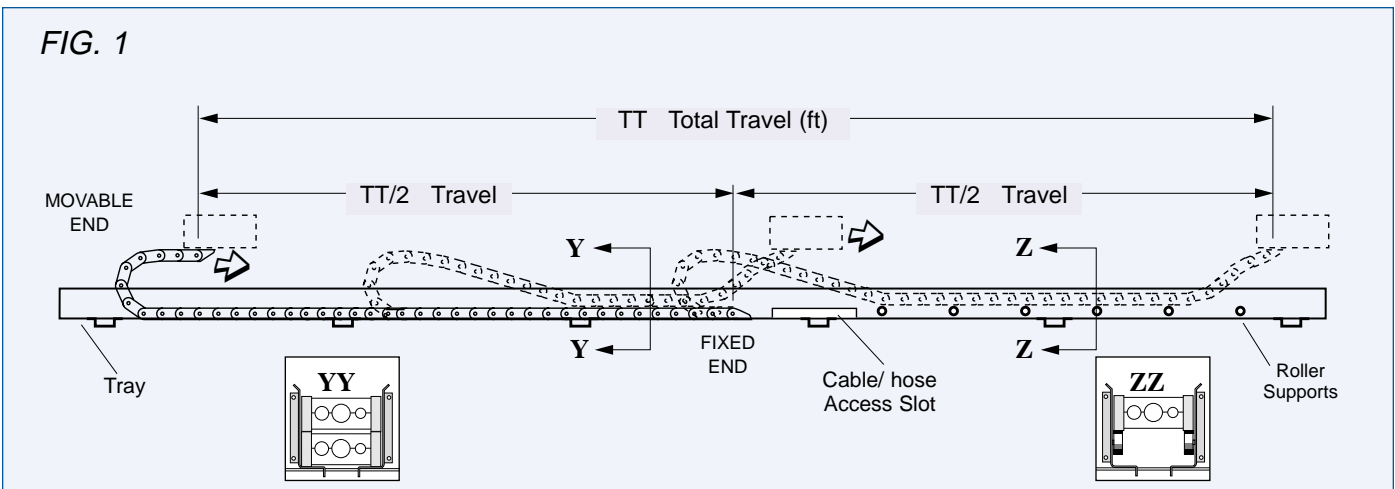
Opposed PowerTrak units can be used if cable and hose payloads



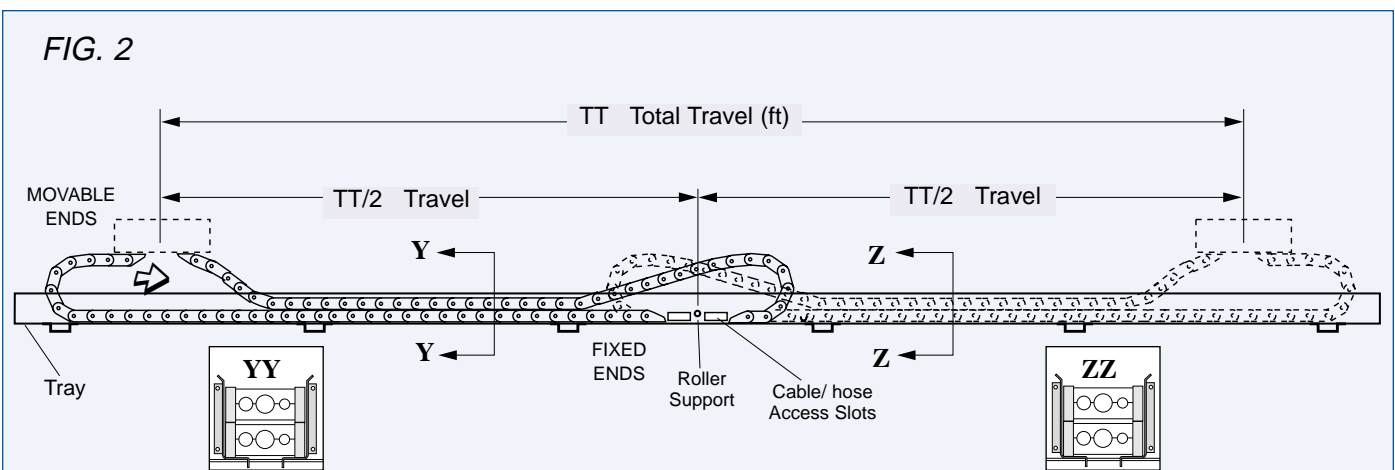
exceed the capacity of the largest model available. This divides the load or segregates hoses and cables (Figure 2).

Trays are galvanized 11 gauge steel or optional stainless steel and are open at the bottom for draining. Guide trays are available for all sizes of type “G” PowerTrak.

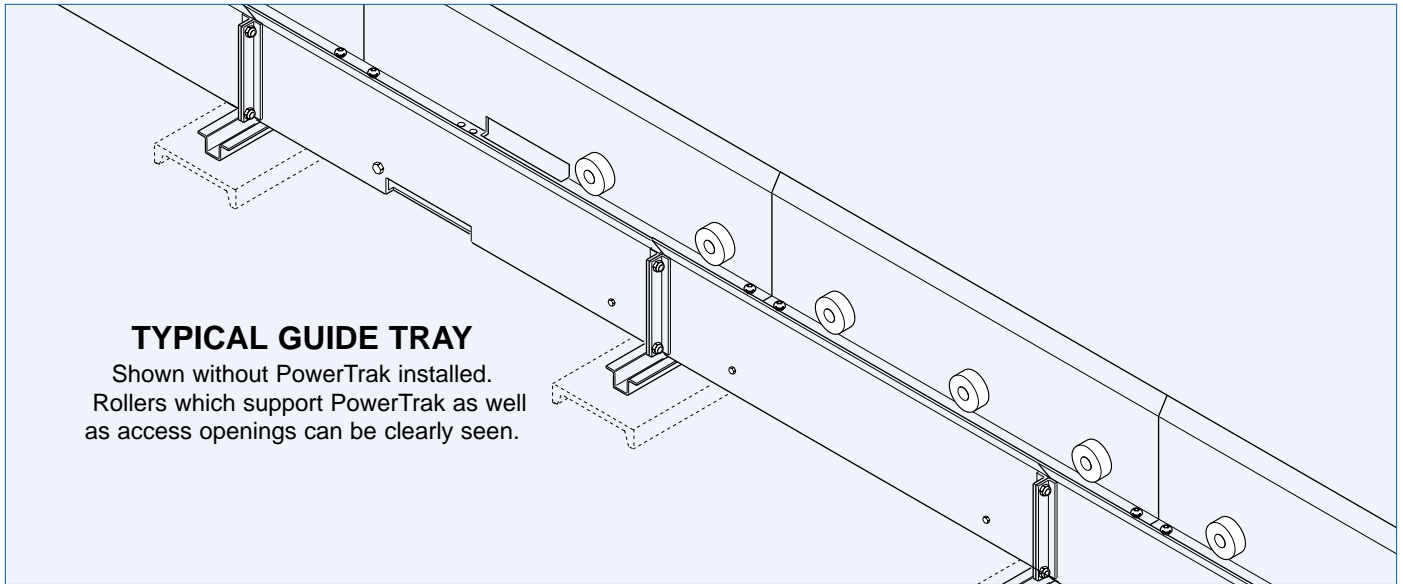
Standard Tray System ONE POWERTRAK



Opposed Tray System TWO POWERTRAKS



For total travels of PowerTrak exceeding 100 ft., please consult the factory.



TYPICAL GUIDE TRAY

Shown without PowerTrak installed.
Rollers which support PowerTrak as well as access openings can be clearly seen.

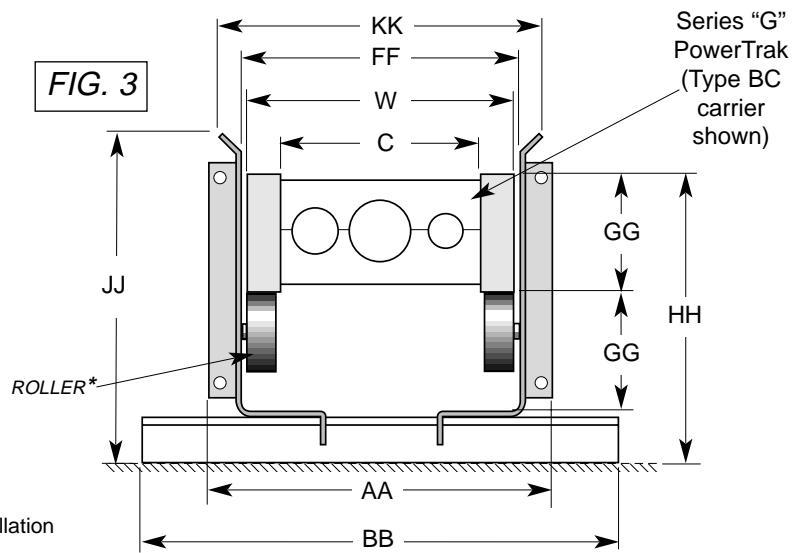
Guide Tray

PowerTrak® Type 28G
Type 35G
Type 45G

NOTE:
Inside tray width (FF) 0.25" greater than trak width (W).

NOTE:
Traks with carrier options RR, TB, T1, XR, & XN may not be used in guide tray.

* Roller used only on single direction (standard) installation without carriage.
Angle used on single direction installation with carriage.
No supports used on opposed system.



Dimensions in Inches

TYPE POWER-TRAK	C CARRIER WIDTH	W	AA	BB	FF	KK	GG	HH	JJ	TRAY LENGTH**		TRAY WEIGHT
										FIG. 1 STANDARD TRAVEL	FIG. 2 OPPOSED TRAVEL	LBS/Ft.
28G	4.00	5.34	7.65	13.38	5.59	7.18	2.69	7.00	9.00	T T + 2.0 ft.	T T + 6.0 ft.	12.4
	6.00	7.34	9.65	13.38	7.59	9.18	2.69	7.00	9.00	T T + 2.0 ft.	T T + 6.0 ft.	12.4
	8.00	9.34	11.65	13.38	9.59	11.18	2.69	7.00	9.00	T T + 2.0 ft.	T T + 6.0 ft.	12.4
	10.00	11.34	13.65	19.38	11.59	13.18	2.69	7.00	9.00	T T + 2.0 ft.	T T + 6.0 ft.	12.4
	12.00	13.34	15.65	19.38	13.59	15.18	2.69	7.00	9.00	T T + 2.0 ft.	T T + 6.0 ft.	12.4
35G	4.00	5.58	7.90	15.38	5.83	7.46	3.25	8.12	10.00	T T + 2.0 ft.	T T + 8.0 ft.	13.2
	6.00	7.58	9.90	15.38	7.83	9.46	3.25	8.12	10.00	T T + 2.0 ft.	T T + 8.0 ft.	13.2
	8.00	9.58	11.90	15.38	9.83	11.46	3.25	8.12	10.00	T T + 2.0 ft.	T T + 8.0 ft.	13.2
	10.00	11.58	13.90	15.38	11.83	13.46	3.25	8.12	10.00	T T + 2.0 ft.	T T + 8.0 ft.	13.2
	12.00	13.58	15.90	23.38	13.83	15.46	3.25	8.12	10.00	T T + 2.0 ft.	T T + 8.0 ft.	13.2
	14.00	15.58	17.90	23.38	15.83	17.46	3.25	8.12	10.00	T T + 2.0 ft.	T T + 8.0 ft.	13.2
	16.00	17.58	19.90	23.38	17.83	19.46	3.25	8.12	10.00	T T + 2.0 ft.	T T + 8.0 ft.	13.2
45G	6.00	7.89	10.21	15.38	8.14	9.77	4.25	10.12	12.00	T T + 3.0 ft.	T T + 10.0 ft.	15.2
	8.00	9.89	12.21	15.38	10.14	11.77	4.25	10.12	12.00	T T + 3.0 ft.	T T + 10.0 ft.	15.2
	10.00	11.89	14.21	15.38	12.14	13.77	4.25	10.12	12.00	T T + 3.0 ft.	T T + 10.0 ft.	15.2
	12.00	13.89	16.21	23.38	14.14	15.77	4.25	10.12	12.00	T T + 3.0 ft.	T T + 10.0 ft.	15.2
	14.00	15.89	18.21	23.38	16.14	17.77	4.25	10.12	12.00	T T + 3.0 ft.	T T + 10.0 ft.	15.2
	16.00	17.89	20.21	23.38	18.14	19.77	4.25	10.12	12.00	T T + 3.0 ft.	T T + 10.0 ft.	15.2
	18.00	19.89	22.21	23.38	20.14	21.77	4.25	10.12	12.00	T T + 3.0 ft.	T T + 10.0 ft.	15.2

**Trays supplied in 5' lengths. Round tray length UP to next 10' increment.