

Guide Trays

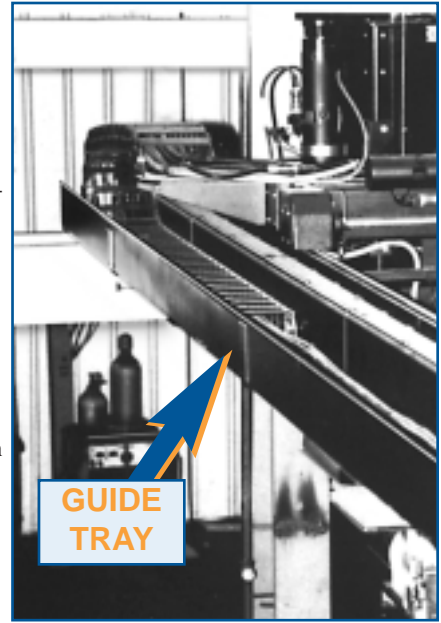
For extended travels of PowerTrak® GRP and PowerTube™

Guide trays are required when recommended self-supported travel lengths are exceeded (See specification pages for each size). Since the reinforced nylon from which the links are molded is a self-lubricating bearing material, there is no problem if the top portion sags down and slides on the lower portion. In fact, this is a highly desirable condition. But only if the PowerTrak or PowerTube is guided.

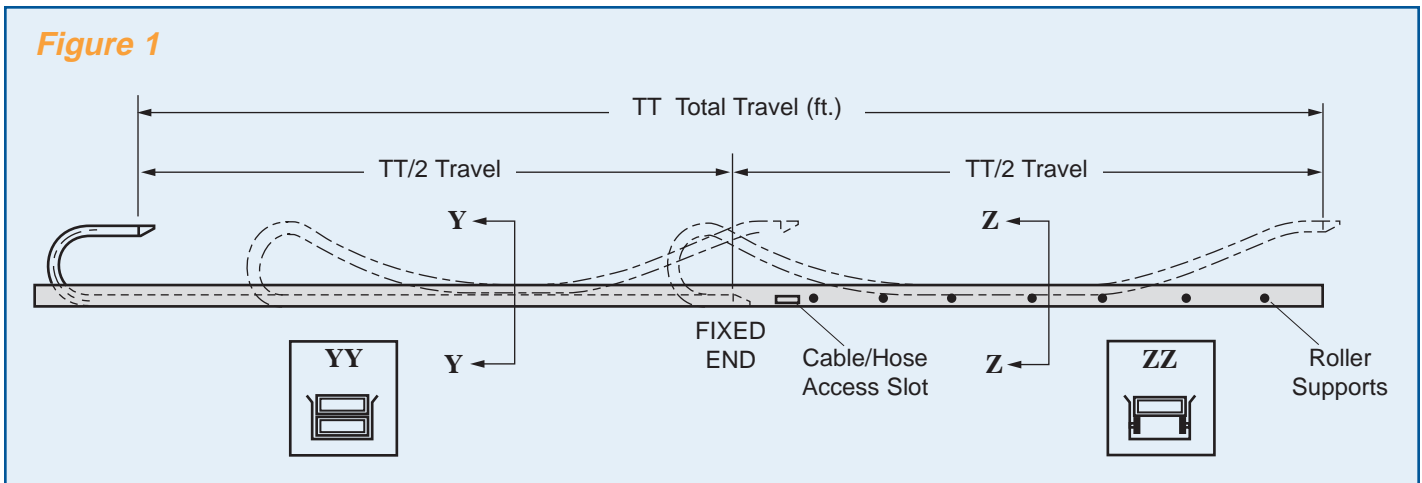
The fixed end of the PowerTrak or PowerTube assembly is located at the center of its travel, i.e., the center of the guide tray. When the movable end is pulled past the fixed end and can no longer be supported on itself, it rides on either elevated angles or rollers, depending on model (Figure 1).

For a cable and hose payload exceeding the capacity of the largest model, opposed PowerTrak or PowerTube units can be used dividing the load (Figure 2). In this case, only one support (either a nylon roller or metal shelf) is required and will be positioned between the access slots on the tray wall.

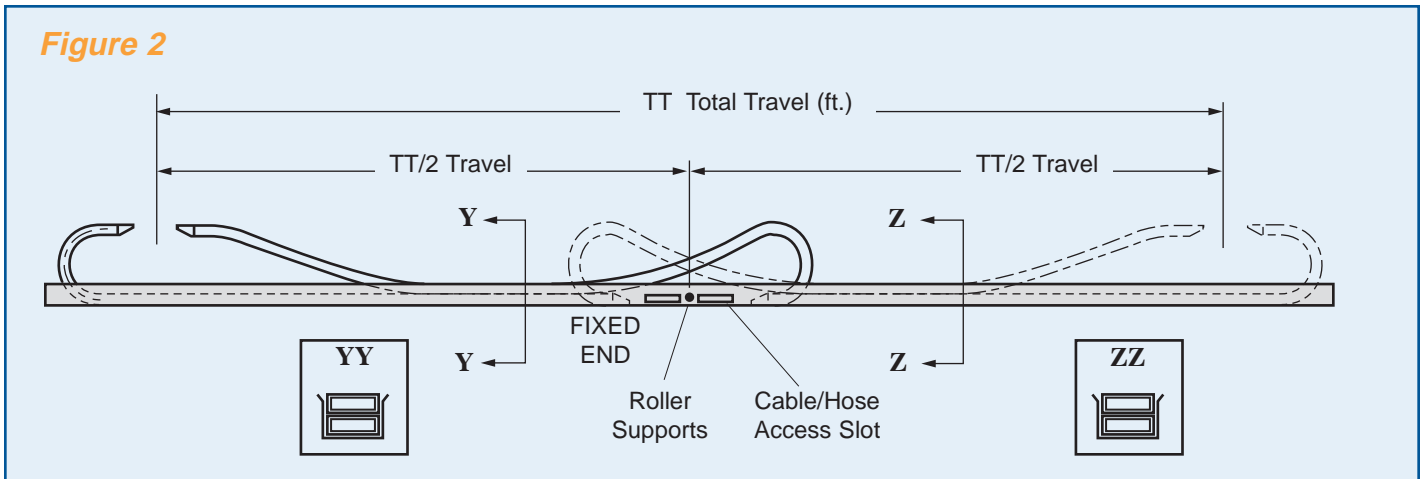
Trays are galvanized steel or optional stainless steel and can be perforated for drainage (optional). Guide trays are available for all sizes except PowerTrak 101P and 101PS.



Standard Tray System



Opposed Tray System

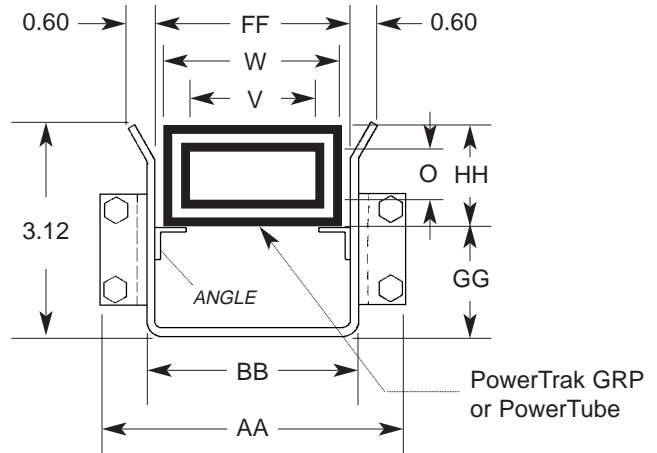


Guide Tray With Angles

PowerTrak® Type 132P †
Type 162P †

PowerTube™ Type 815
Type 1020

Figure 3



Dimensions in Inches

TYPE	AA†	BB†	V	O	W	FF†	GG	HH	TRAY LENGTH	TRAY LENGTH	TRAY WEIGHT
									FIG. 1	FIG. 2	LBS/FT
132P-I	4.06	2.56	1.50	0.98	2.12	2.32	1.75	1.34	TT + 0.5 ft.	TT + 4.0 ft.	4.4
132P-II	4.86	3.36	2.28	0.98	2.91	3.11	1.75	1.34	TT + 0.5 ft.	TT + 4.0 ft.	4.8
132P-III	5.63	4.13	3.08	0.98	3.70	3.90	1.75	1.34	TT + 0.5 ft.	TT + 4.0 ft.	5.1
162P-I	4.06	2.56	1.50	1.00	2.12	2.32	1.75	1.62	TT + 0.5 ft.	TT + 4.0 ft.	4.4
162P-XI*	4.06	2.56	1.50	1.00	2.12	2.32	1.75	1.62	TT + 0.5 ft.	TT + 4.0 ft.	4.4
162P-II	4.86	3.36	2.28	1.00	2.91	3.11	1.75	1.62	TT + 0.5 ft.	TT + 4.0 ft.	4.8
162P-III	5.63	4.13	3.08	1.00	3.70	3.90	1.75	1.62	TT + 0.5 ft.	TT + 4.0 ft.	5.1
162P-IV	6.61	5.12	4.06	1.00	4.69	4.88	1.75	1.62	TT + 0.5 ft.	TT + 4.0 ft.	5.5
PowerTube 815	4.27	2.78	1.50	0.81	2.04	2.53	1.50	1.38	TT + 0.5 ft.	TT + 4.0 ft.	4.5
PowerTube 1020	4.84	3.34	2.00	1.00	2.60	3.09	1.69	1.56	TT + 0.5 ft.	TT + 4.0 ft.	4.9

† Tray dimensions increase for Type 132P & 162P with RIVETED CONSTRUCTION: Add 0.32" to TRAY WIDTH dimensions AA, BB & FF when using riveted Type 132P & 162P.

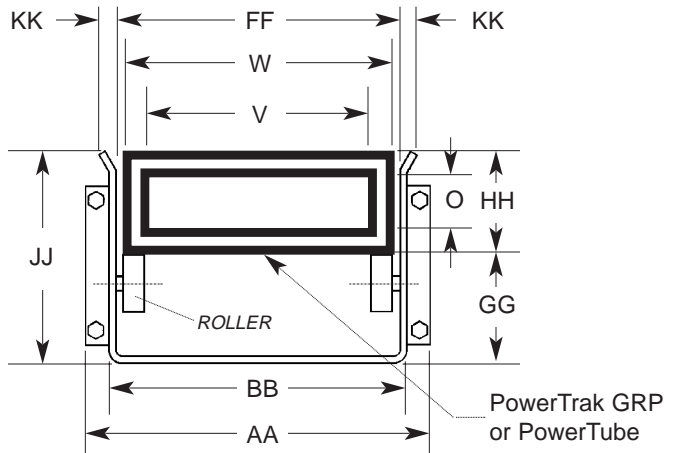
* Model 162P-XI is limited to total travel of 50 ft. in a guide tray.

Guide Tray With Rollers

PowerTrak® Type 252P
Type 263P
Type 354P

PowerTube™ Type 1530
Type 2045

Figure 4



Dimensions in Inches

TYPE	AA†	BB†	V	O	W	FF†	GG	HH	JJ	KK	TRAY LENGTH	TRAY LENGTH	TRAY WEIGHT
											FIG. 1	FIG. 2	LBS/FT
252-P-I	5.70	4.20	2.60	1.75	3.70	3.96	2.63	2.50	4.96	0.82	TT + 1.5 ft.	TT + 6.0 ft.	6.1
252-P-II	7.38	5.86	4.25	1.75	5.36	5.62	2.63	2.50	4.96	0.82	TT + 1.5 ft.	TT + 6.0 ft.	7.0
252-P-III	9.70	8.20	6.60	1.75	7.70	7.96	2.63	2.50	4.96	0.82	TT + 1.5 ft.	TT + 6.0 ft.	7.8
263P	9.58	7.78	6.00	1.88	7.34	7.53	2.78	2.66	5.44	0.80	TT + 2.0 ft.	TT + 6.0 ft.	7.8
354P	11.87	10.05	8.00	2.55	9.65	9.81	3.68	3.56	6.87	0.73	TT + 2.0 ft.	TT + 6.0 ft.	10.0
PowerTube 1530	6.00	4.50	3.00	1.50	3.68	4.26	2.48	2.25	4.85	0.60	TT + 2.0 ft.	TT + 6.0 ft.	5.8
PowerTube 2045	7.62	6.12	4.50	2.00	5.30	5.88	2.98	2.75	5.98	0.60	TT + 2.0 ft.	TT + 6.0 ft.	7.6