

Diamond Trac® Dimensions and Specifications

Passenger and Service Elevators

	Front Opening	Front Opening	Front Opening	Front Opening	Front and Rear	Front Opening	Front Opening
Capacity (lbs)	2000/Passenger	2500/Passenger	3000/Passenger	3500/Passenger	3500/Passenger	3500/Passenger (Heavy Duty)	4000/Passenger
Speed (fpm)	200, 350, 400, 500	200, 350, 400, 500	200, 350, 400, 500	200, 350, 400, 500	200, 350, 400, 500	200, 350, 400, 500	200, 350, 400, 500
Hoistway (w x d)	7'-6" x 6'-11"	8'-6" x 6'-11"	8'-6" x 7'-4"	8'-6" x 8'-0"	9'-7" x 7'-11 1/4"	8'-7" x 8'-0"	9'-7" x 8'-0"
Platform (w x d)	6'-0" x 5'-1"	7'-0" x 5'-1"	7'-0" x 5'-6"	7'-0" x 6'-2"	7'-0" x 6'-10 11/16"	7'-0" x 6'-2"	8'-0" x 6'-2"
Inside Clear	5'-8" x 4'-3 3/4"	6'-8" x 4'-3 3/4"	6'-8" x 4'-8 3/4"	6'-8" x 5'-4 3/4"	6'-8" x 5'-8 3/16"	6'-8" x 5'-4 3/4"	7'-8" x 5'-4 3/4"
Door Type	SS	SS, CO	SS, CO	SS, CO	SS, CO	SS, CO	CO
Entrance Width	3'-0"	3'-6"	3'-6"	3'-6"	3'-6"	3'-6"	4'-0"
Pit (200 fpm)*	5'-5 1/2"	5'-5 1/2"	5'-5 1/2"	5'-5 1/2"	5'-5 1/2"	5'-8"	5'-8"
Pit (350 fpm)*	5'-11 1/2"	5'-11 1/2"	5'-11 1/2"	5'-11 1/2"	5'-11 1/2"	6'-5"	6'-5"
Pit (400 fpm)*	6'-3"	6'-3"	6'-3"	6'-3"	6'-5"	6'-10"	6'-10"
Pit (500 fpm)*	7'-5"	7'-5"	7'-5"	7'-5"	7'-6 1/2"	7'-7"	7'-7"
Overhead (200 fpm)*	14'-3"	14'-3"	14'-3"	14'-3"	14'-3"	15'-1"	15'-1"
Overhead (350 fpm)*	14'-6"	14'-6"	14'-6"	14'-6"	14'-6"	15'-9"	15'-9"
Overhead (400 fpm)*	15'-5"	15'-5"	15'-5"	15'-5"	15'-5"	16'-2"	16'-2"
Overhead (500 fpm)*	16'-3"	16'-3"	16'-3"	16'-3"	16'-3"	16'-11"	16'-11"
Max. Travel (200 fpm)	75'-0"	75'-0"	75'-0"	75'-0"	75'-0"	196'-0"	196'-10"
Max. Travel (350 fpm)	98'-5"	98'-5"	98'-5"	98'-5"	98'-5"	295'-0"	295'-0"
Max. Travel (400/500 fpm)	262'-5"	262'-5"	262'-5"	262'-5"	262'-5"	295'-0"	295'-0"

	Front Opening	Front Opening	Front and Rear	Front Opening	Front Opening	Front and Rear	Front and Rear
Capacity (lbs)	4000/Service	4500/Service	4500/Service	5000/Service	5000/Service (Wide)	5000/Service	5000/Service (Wide)
Speed (fpm)	200, 350	200, 350, 400	200, 350, 400	200, 350	200, 350	200, 350	200, 350
Hoistway (w x d)	8'-7 1/2" x 9'-1"	8'-7 1/2" x 9'-8"	8'-7 1/2" x 10'-8 3/4"	8'-7 1/2" x 10'-3"	8'-9 1/2" x 10'-1"	8'-7 1/2" x 11'-3 3/4"	8'-9 1/2" x 11'-1 3/4"
Platform (w x d)	6'-0" x 8'-3"	6'-0" x 8'-10"	6'-0" x 9'-5 3/8"	6'-0" x 9'-5"	6'-2" x 9'-3"	6'-0" x 10'-0 3/8"	6'-2" x 9'-10 3/8"
Inside Clear	5'-8" x 7'-4 1/4"	5'-8" x 7'-11 1/4"	5'-8" x 8'-0"	5'-8" x 8'-6 1/4"	5'-10" x 8'-4 1/4"	5'-8" x 8'-7"	5'-10" x 8'-5"
Door Type	2S	2S	2S	2S	2S	2S	2S
Entrance Width	4'-0"	4'-0"	4'-0"	4'-0"	4'-6"	4'-0"	4'-6"
Pit (200 fpm)*	5'-8"	5'-8"	5'-8"	6'-1"	6'-1"	6'-1"	6'-1"
Pit (350 fpm)*	6'-1"	6'-1"	6'-1"	6'-2"	6'-2"	6'-2"	6'-2"
Pit (400 fpm)*	n/a	6'-10"	6'-10"	n/a	n/a	n/a	n/a
Overhead (200 fpm)*	15'-1"	15'-1"	15'-2"	15'-1"	15'-1"	15'-2"	15'-2"
Overhead (350 fpm)*	15'-5"	15'-5"	15'-10"	15'-5"	15'-5"	15'-10"	15'-10"
Overhead (400 fpm)*	n/a	16'-2"	16'-2"	n/a	n/a	n/a	n/a
Max. Travel (200/350 fpm)	196'-10"	196'-10"	196'-10"	196'-10"	196'-10"	196'-10"	196'-10"
Max. Travel (400 fpm)	295'-0"	295'-0"	295'-0"	n/a	n/a	n/a	n/a
Max. Bracket Span (15 lbs Rails)	9'-10"	10'-0"	10'-0"	8'-8"	8'-8"	8'-8"	8'-8"
Max. Bracket Span (18.5 lbs Rails)	12'-7"	12'-11"	12'-11"	11'-7"	11'-7"	11'-7"	11'-7"

***Notes:**

1. The contents of these tables are based on **8'-0" cab height** and **3/4" car flooring recess**.
2. For **9'-0" cab height**, Overhead must be increased by 1'-0". For 9'-6" cab height, Overhead must be increased by 1'-6".
3. For **1 1/4" car flooring recess**, Pit Depth must be increased by 1/2".
4. * Dimensions do not include counterweight safety. If occupied space exists below your hoistway, a counterweight safety is likely required.
5. Please consult your local sales office for dimensions or additional information. We can also be reached via email EEDSALES@meus.me.com.