



# Leistritz

## **DUAL ROPED HOLELESS HYDRAULIC ELEVATOR PACKAGES FOR PASSENGER, SERVICE OR FREIGHT APPLICATIONS**

The Dual Roped holeless elevator design from Leistritz eliminates the uncertainty of an in ground cylinder and inconvenience of longer installation times and expense caused by drilling holes. The single stage hydraulic cylinders are completely above ground, where they can be easily inspected and maintained, and where they remain safe from oil leaks and corrosion.

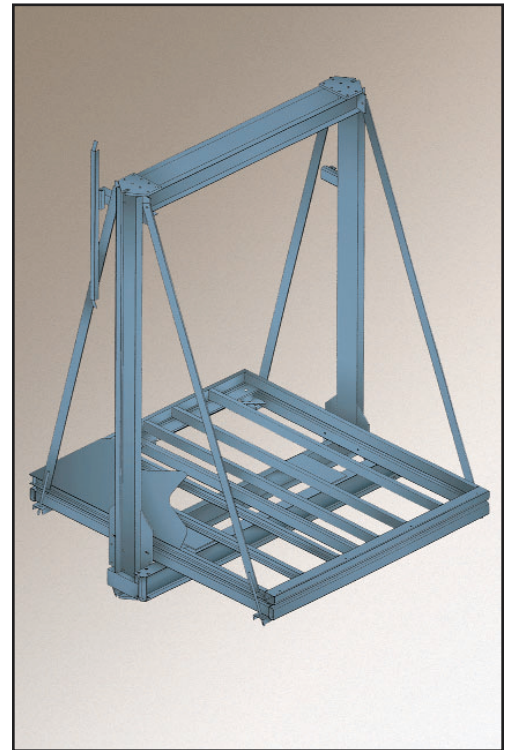
### **Each Leistritz Holeless Hydraulic Elevator Package contains:**



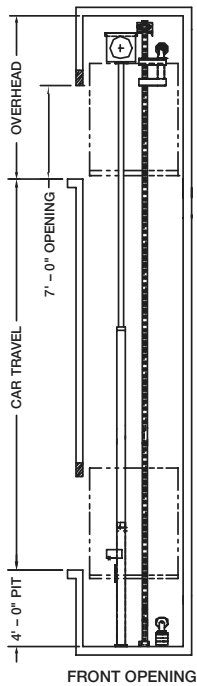
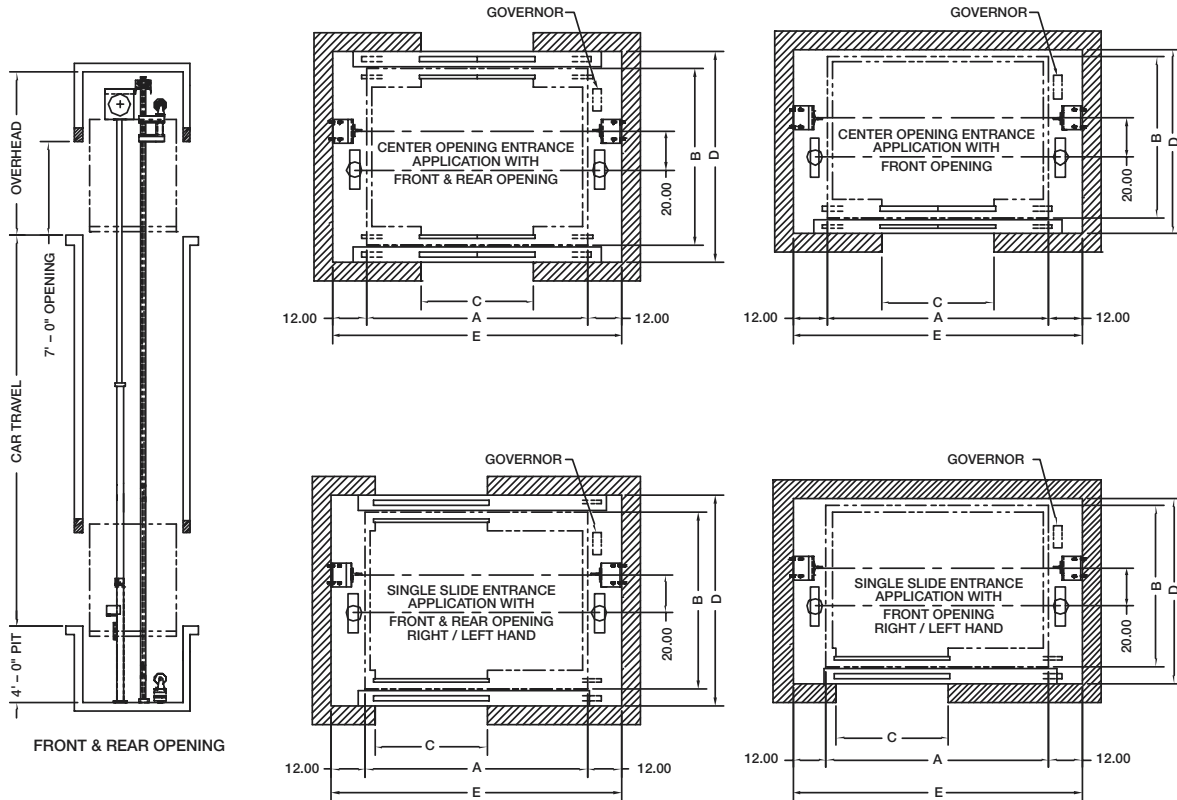
- Hydraulic cylinders with honed pistons;
- Submersible power unit incorporating a low pulsation screw pump, oversized submersible motor, and a muffler that eliminates the pulsation of pressurized oil for a smoother and quieter ride;
- Car sling package with guide rails, brackets, platform, toeguard, guide shoes, safeties, governor, rupture valves, buffers, limit switches, cam, and all necessary hardware;
- Manual of shop and field installation drawings.

Each component is manufactured to exacting quality standards, and rigorously inspected at Leistritz before shipment.

The Dual Roped design is well suited for large and medium sized freight and passenger elevators. It is a cost effective alternative to a dual telescopic cylinder design where higher travels are specified. Standard configurations for passenger, service and freight applications are described on the following pages.



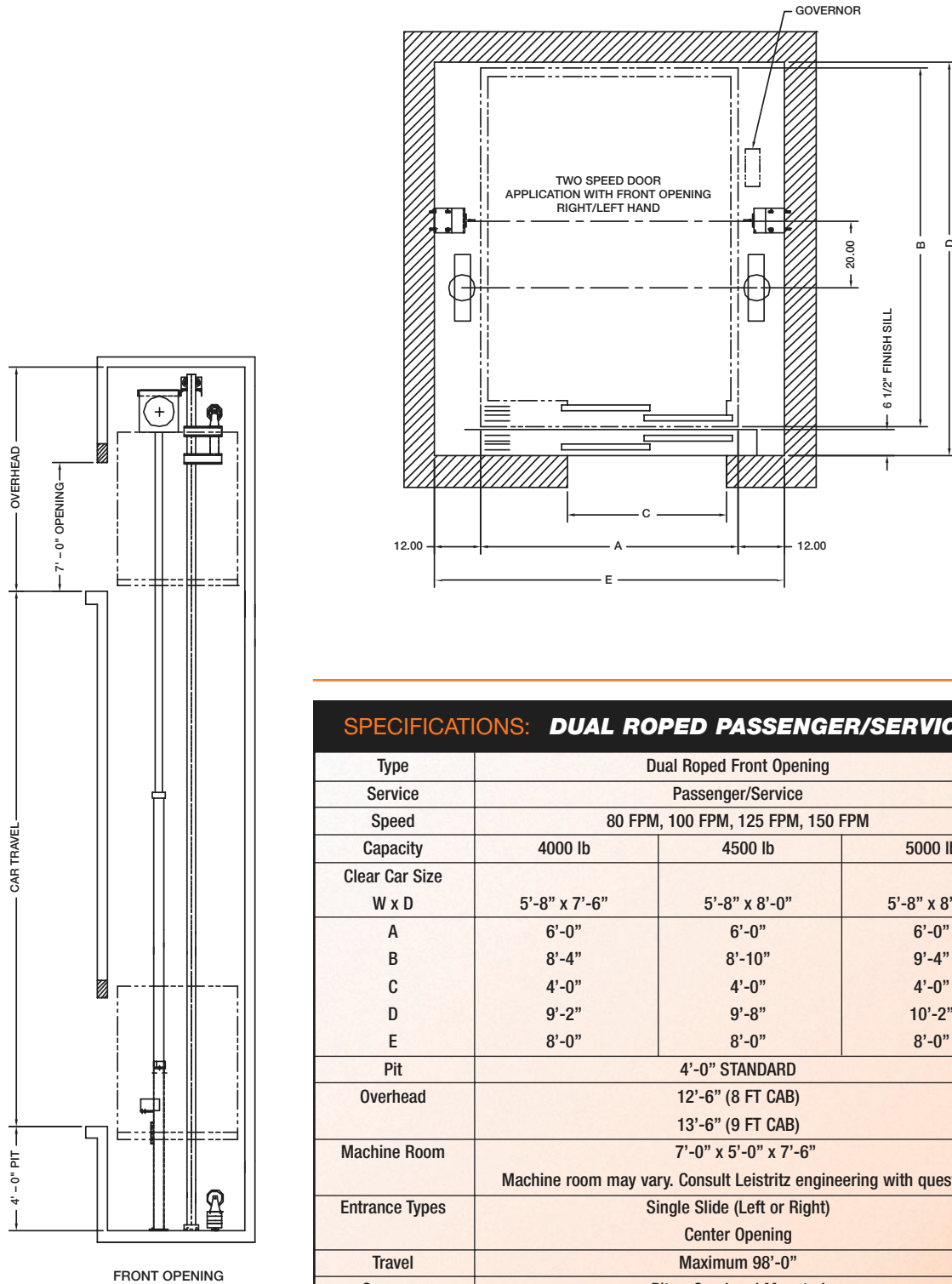
# DUAL ROPED PASSENGER



## SPECIFICATIONS: DUAL ROPED PASSENGER

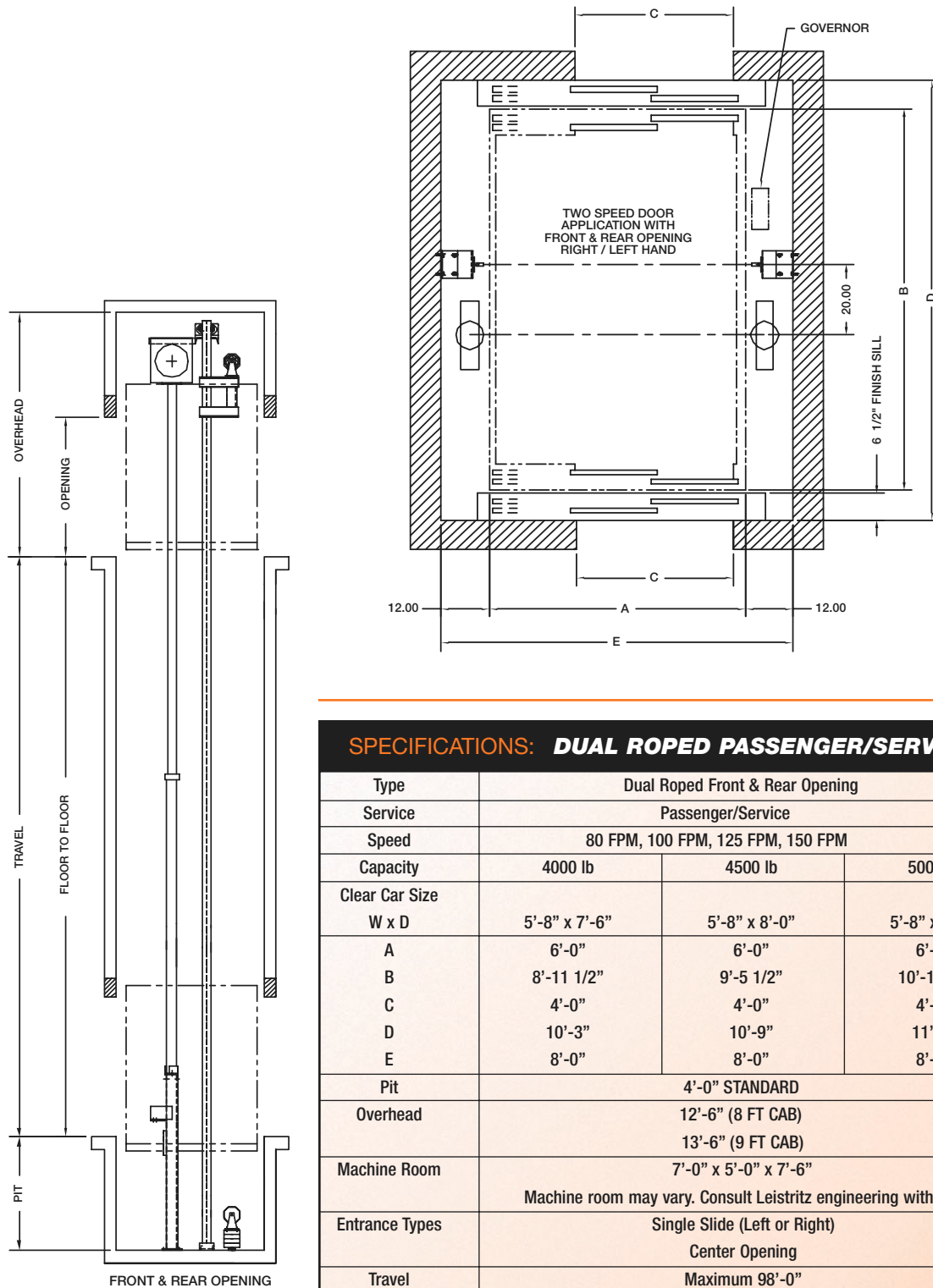
Type	Dual Roped Front Opening/Front & Rear Opening							
Service	Passenger							
Speed	80 FPM, 100 FPM, 125 FPM, 150 FPM							
Capacity	2500 lb	3000 lb	3500 lb	4000 lb				
Clear Car Size	6'-8" x 4'-3"		6'-8" x 4'-9"		6'-8" x 5'-5"		7' 8" x 5' 5"	
	W	D	W	D	W	D	W	D
Opening	Front	F & R	Front	F & R	Front	F & R	Front	F & R
A	7'-0"	7'-0"	7'-0"	7'-0"	7'-0"	7'-0"	8'-0"	8' 0"
B	5'-0"	5'-7"	5'-6"	6'-0"	6'-2"	6'-8"	6'-2"	6'-8"
C	3'-6"	3'-6"	3'-6"	3'-6"	3'-6"	3'-6"	4'-0"	4'-0"
D	5'-9"	6'-7 1/2"	6'-3"	7'-0 1/2"	6'-11"	7'-8 1/2"	6'-11"	7'-8 1/2"
E	9'-0"	9'-0"	9'-0"	9'-0"	9'-0"	9'-0"	10'-0"	10'-0"
Pit	4'-0" STANDARD							
Overhead	12'-6" (8 FT CAB)							
	13'-6" (9 FT CAB)							
Machine Room	7'-0" x 5'-0" x 7'-6"							
	Machine room may vary. Consult Leistritz engineering with questions.							
Entrance Types	Single Slide (Left or Right)							
	Center Opening							
Travel	Maximum 98'-0"							
Governor	Pit or Overhead Mounted							

# DUAL ROPED PASSENGER/SERVICE



SPECIFICATIONS: <b>DUAL ROPED PASSENGER/SERVICE</b>			
Type	Dual Roped Front Opening		
Service	Passenger/Service		
Speed	80 FPM, 100 FPM, 125 FPM, 150 FPM		
Capacity	4000 lb	4500 lb	5000 lb
Clear Car Size	W x D		
	5'-8" x 7'-6"	5'-8" x 8'-0"	5'-8" x 8'-8"
A	6'-0"	6'-0"	6'-0"
B	8'-4"	8'-10"	9'-4"
C	4'-0"	4'-0"	4'-0"
D	9'-2"	9'-8"	10'-2"
E	8'-0"	8'-0"	8'-0"
Pit	4'-0" STANDARD		
Overhead	12'-6" (8 FT CAB) 13'-6" (9 FT CAB)		
Machine Room	7'-0" x 5'-0" x 7'-6" Machine room may vary. Consult Leistriz engineering with questions.		
Entrance Types	Single Slide (Left or Right) Center Opening		
Travel	Maximum 98'-0"		
Governor	Pit or Overhead Mounted		

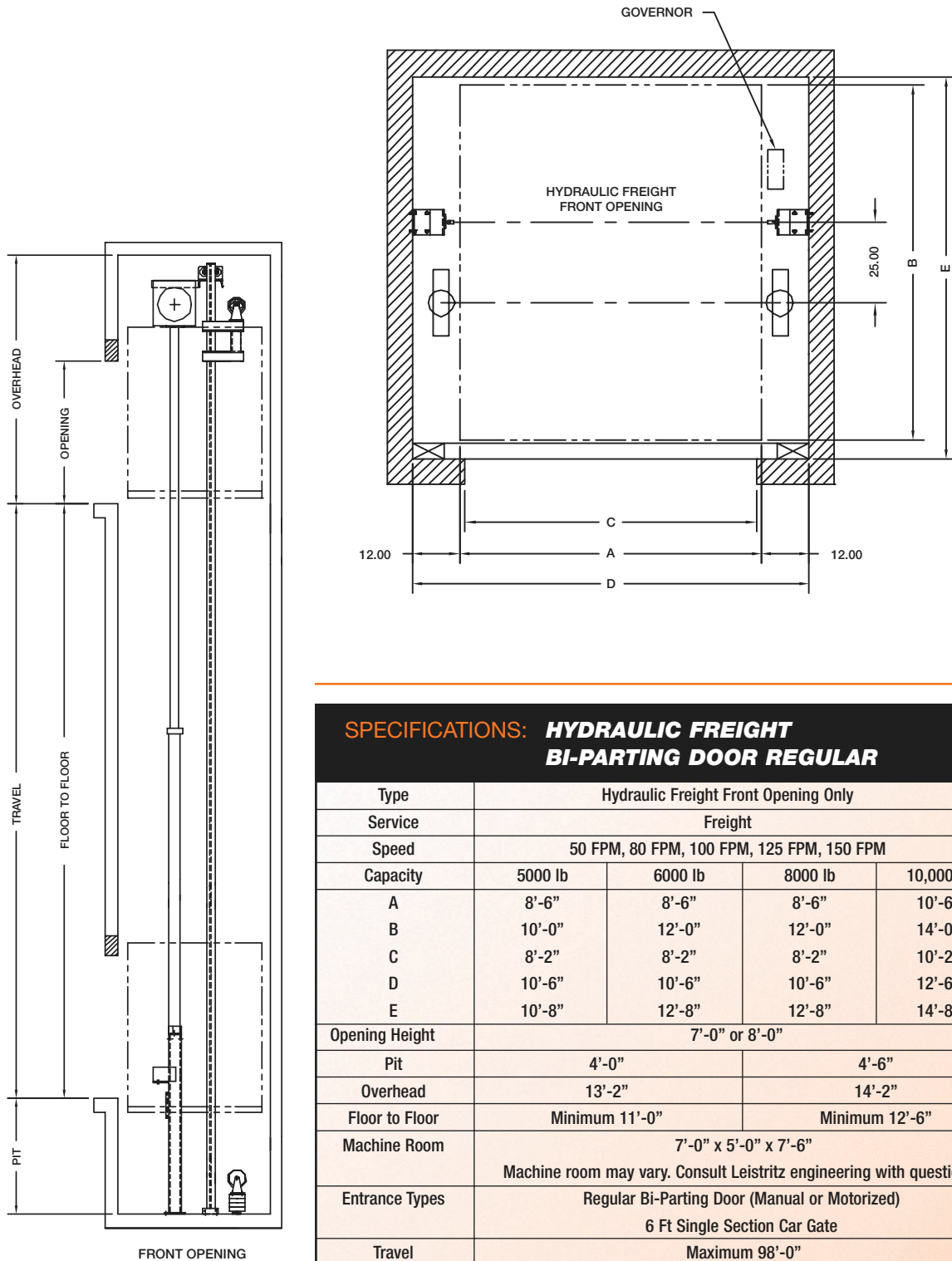
# DUAL ROPED PASSENGER/SERVICE



**SPECIFICATIONS: DUAL ROPED PASSENGER/SERVICE**

Type	Dual Roped Front & Rear Opening		
Service	Passenger/Service		
Speed	80 FPM, 100 FPM, 125 FPM, 150 FPM		
Capacity	4000 lb	4500 lb	5000 lb
Clear Car Size			
W x D	5'-8" x 7'-6"	5'-8" x 8'-0"	5'-8" x 8'-8"
A	6'-0"	6'-0"	6'-0"
B	8'-11 1/2"	9'-5 1/2"	10'-1 1/2"
C	4'-0"	4'-0"	4'-0"
D	10'-3"	10'-9"	11'-5"
E	8'-0"	8'-0"	8'-0"
Pit	4'-0" STANDARD		
Overhead	12'-6" (8 FT CAB) 13'-6" (9 FT CAB)		
Machine Room	7'-0" x 5'-0" x 7'-6" Machine room may vary. Consult Leistritz engineering with questions.		
Entrance Types	Single Slide (Left or Right) Center Opening		
Travel	Maximum 98'-0"		
Governor	Pit or Overhead Mounted		

# HYDRAULIC FREIGHT BI-PARTING DOOR REGULAR



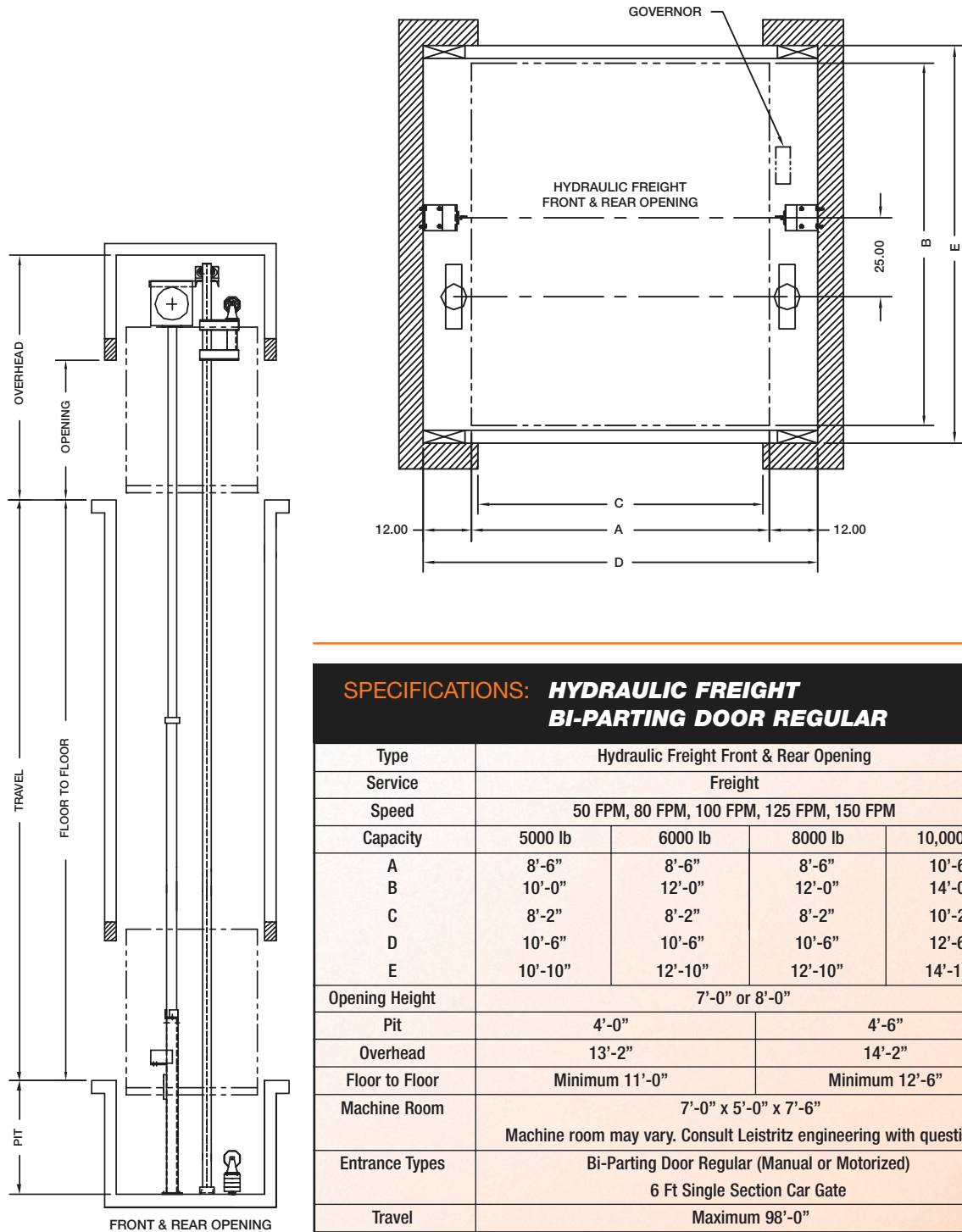
## SPECIFICATIONS: HYDRAULIC FREIGHT BI-PARTING DOOR REGULAR

Type	Hydraulic Freight Front Opening Only			
Service	Freight			
Speed	50 FPM, 80 FPM, 100 FPM, 125 FPM, 150 FPM			
Capacity	5000 lb	6000 lb	8000 lb	10,000 lb
A	8'-6"	8'-6"	8'-6"	10'-6"
B	10'-0"	12'-0"	12'-0"	14'-0"
C	8'-2"	8'-2"	8'-2"	10'-2"
D	10'-6"	10'-6"	10'-6"	12'-6"
E	10'-8"	12'-8"	12'-8"	14'-8"
Opening Height	7'-0" or 8'-0"			
Pit	4'-0"		4'-6"	
Overhead	13'-2"		14'-2"	
Floor to Floor	Minimum 11'-0"		Minimum 12'-6"	
Machine Room	7'-0" x 5'-0" x 7'-6"			
	Machine room may vary. Consult Leistriz engineering with questions.			
Entrance Types	Regular Bi-Parting Door (Manual or Motorized) 6 Ft Single Section Car Gate			
Travel	Maximum 98'-0"			
Governor	Pit or Overhead Mounted			

**Leistriz**

Contact us for information about our custom Dual Roped systems, or for complete descriptions of other Leistriz systems. (201) 934-8262 • www.leistrizcorp.com

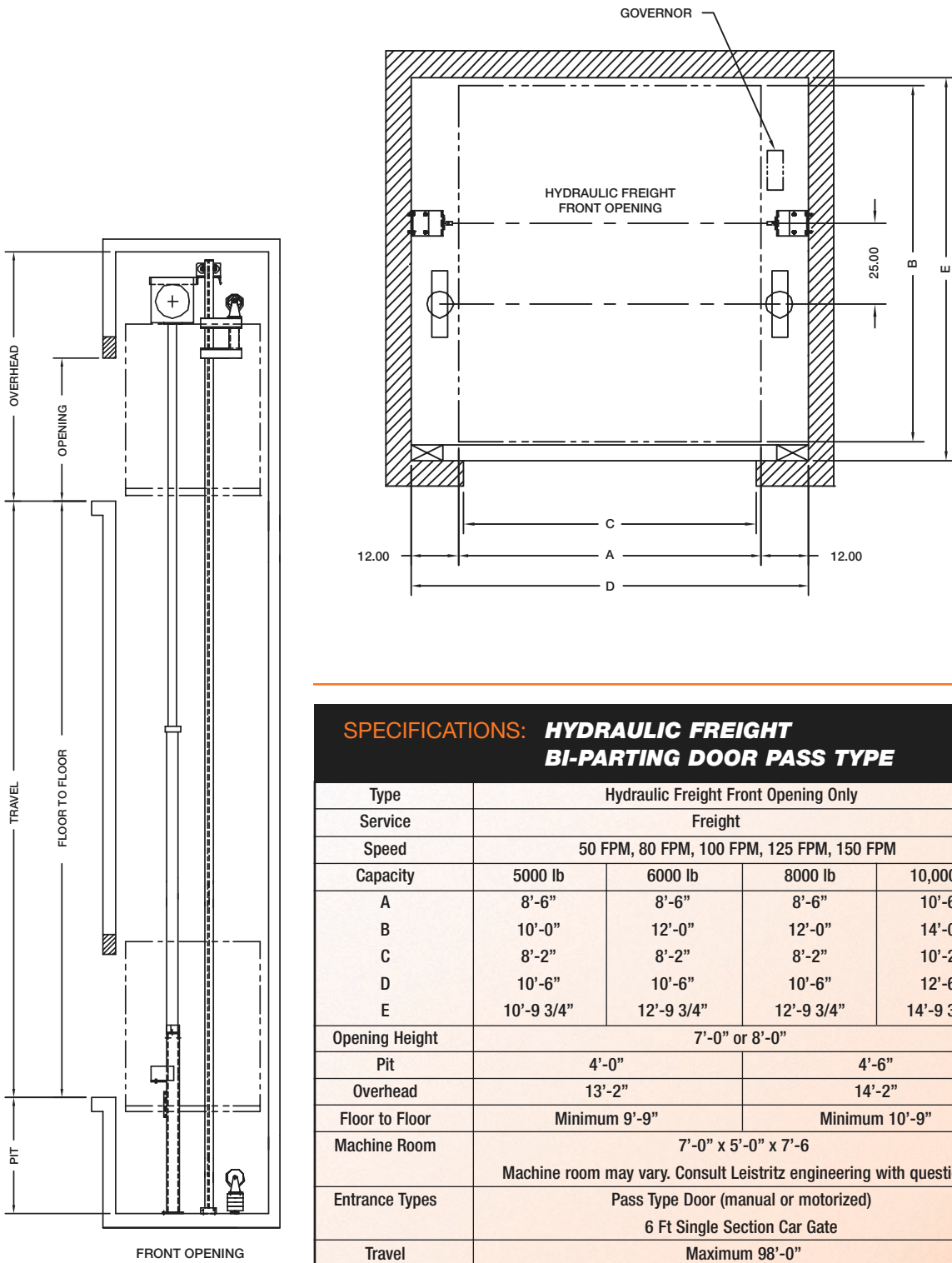
# HYDRAULIC FREIGHT BI-PARTING DOOR REGULAR



## SPECIFICATIONS: **HYDRAULIC FREIGHT BI-PARTING DOOR REGULAR**

Type	Hydraulic Freight Front & Rear Opening			
Service	Freight			
Speed	50 FPM, 80 FPM, 100 FPM, 125 FPM, 150 FPM			
Capacity	5000 lb	6000 lb	8000 lb	10,000 lb
A	8'-6"	8'-6"	8'-6"	10'-6"
B	10'-0"	12'-0"	12'-0"	14'-0"
C	8'-2"	8'-2"	8'-2"	10'-2"
D	10'-6"	10'-6"	10'-6"	12'-6"
E	10'-10"	12'-10"	12'-10"	14'-10"
Opening Height	7'-0" or 8'-0"			
Pit	4'-0"		4'-6"	
Overhead	13'-2"		14'-2"	
Floor to Floor	Minimum 11'-0"		Minimum 12'-6"	
Machine Room	7'-0" x 5'-0" x 7'-6"			
	Machine room may vary. Consult Leistriz engineering with questions.			
Entrance Types	Bi-Parting Door Regular (Manual or Motorized) 6 Ft Single Section Car Gate			
Travel	Maximum 98'-0"			
Governor	Pit or Overhead Mounted			

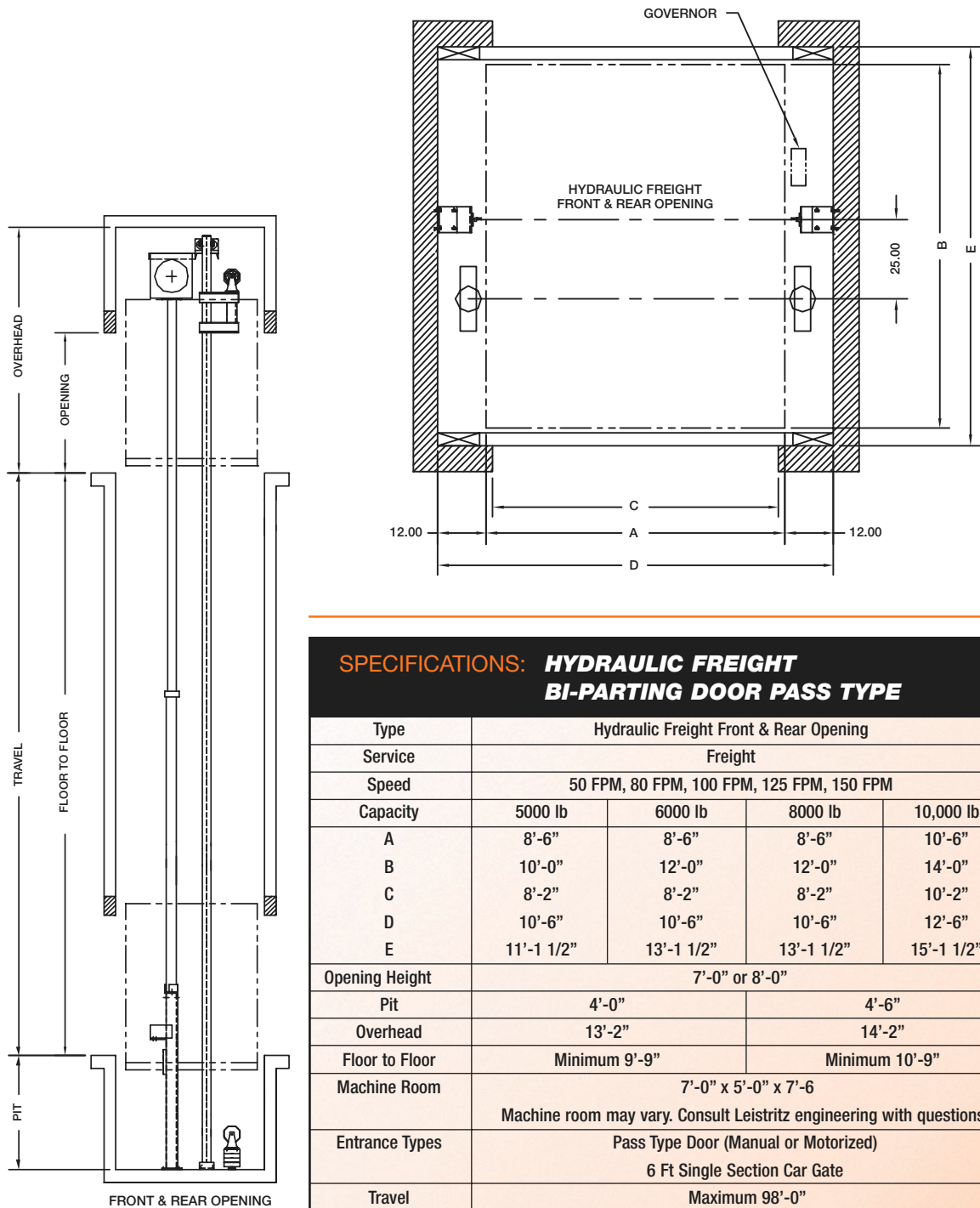
# HYDRAULIC FREIGHT BI-PARTING DOOR PASS TYPE



**SPECIFICATIONS: HYDRAULIC FREIGHT BI-PARTING DOOR PASS TYPE**

Type	Hydraulic Freight Front Opening Only			
Service	Freight			
Speed	50 FPM, 80 FPM, 100 FPM, 125 FPM, 150 FPM			
Capacity	5000 lb	6000 lb	8000 lb	10,000 lb
A	8'-6"	8'-6"	8'-6"	10'-6"
B	10'-0"	12'-0"	12'-0"	14'-0"
C	8'-2"	8'-2"	8'-2"	10'-2"
D	10'-6"	10'-6"	10'-6"	12'-6"
E	10'-9 3/4"	12'-9 3/4"	12'-9 3/4"	14'-9 3/4"
Opening Height	7'-0" or 8'-0"			
Pit	4'-0"		4'-6"	
Overhead	13'-2"		14'-2"	
Floor to Floor	Minimum 9'-9"		Minimum 10'-9"	
Machine Room	7'-0" x 5'-0" x 7'-6" Machine room may vary. Consult Leistrizt engineering with questions.			
Entrance Types	Pass Type Door (manual or motorized) 6 Ft Single Section Car Gate			
Travel	Maximum 98'-0"			
Governor	Pit or Overhead Mounted			

# HYDRAULIC FREIGHT BI-PARTING DOOR PASS TYPE



## SPECIFICATIONS: HYDRAULIC FREIGHT BI-PARTING DOOR PASS TYPE

Type	Hydraulic Freight Front & Rear Opening			
Service	Freight			
Speed	50 FPM, 80 FPM, 100 FPM, 125 FPM, 150 FPM			
Capacity	5000 lb	6000 lb	8000 lb	10,000 lb
A	8'-6"	8'-6"	8'-6"	10'-6"
B	10'-0"	12'-0"	12'-0"	14'-0"
C	8'-2"	8'-2"	8'-2"	10'-2"
D	10'-6"	10'-6"	10'-6"	12'-6"
E	11'-1 1/2"	13'-1 1/2"	13'-1 1/2"	15'-1 1/2"
Opening Height	7'-0" or 8'-0"			
Pit	4'-0"		4'-6"	
Overhead	13'-2"		14'-2"	
Floor to Floor	Minimum 9'-9"		Minimum 10'-9"	
Machine Room	7'-0" x 5'-0" x 7'-6" Machine room may vary. Consult Leistriz engineering with questions.			
Entrance Types	Pass Type Door (Manual or Motorized) 6 Ft Single Section Car Gate			
Travel	Maximum 98'-0"			
Governor	Pit or Overhead Mounted			

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