

# Cooper Elevators™



Catalogue &  
Design Guide

Cooper Standard



# Fall - Ceilings



# Cooper Standard



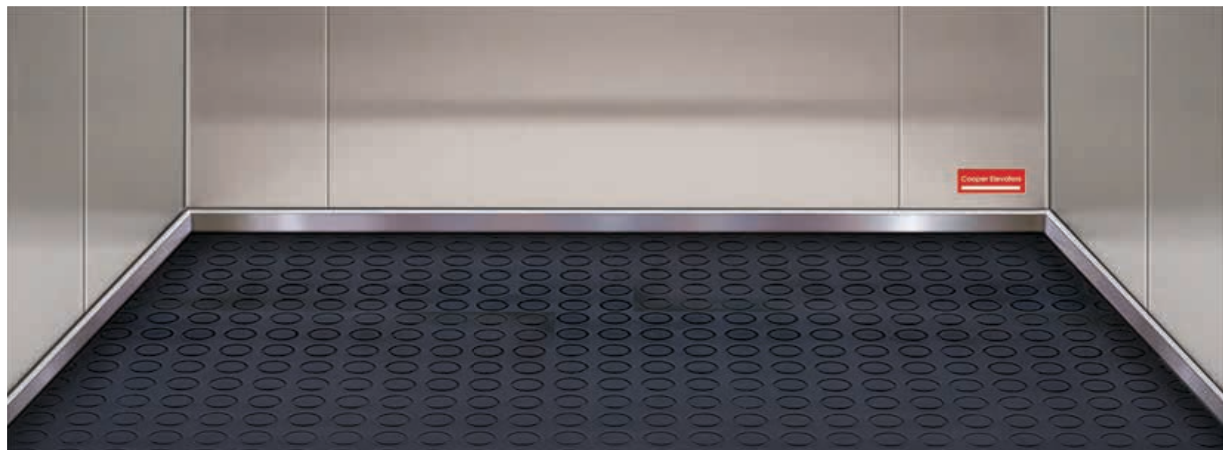
# Lift - Flooring



Marble flooring



Woodern flooring



Anti skid PVC flooring

# Landing Signalisation



Face Plate 3mm Thick



Face Plate 3mm Thick



Face Plate 3mm Thick

# Hall Buttons & Indicator Buttons (Option)



EB 410



EB 420



EB 210

# Car Signalisation



LCD Display  
Micro push Button



Dotmatrix  
Scrolling- Red/Orange



Touch Button  
LCD Display



EB 410



EB 210



EB 960

# Handrails



S S Hairline Curved round tublar



S S Hairline round tublar



Painted Black round tublar

# Lights



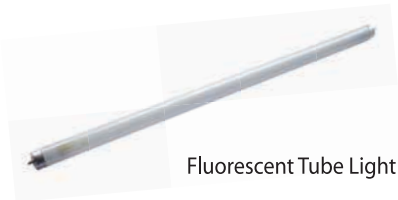
CFL Bulb with reflector  
Direct light



Round LED Spot Light



LED Spot Light



Fluorescent Tube Light

# Fans & Blowers

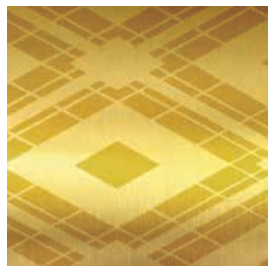




## Designer Gold, 304 Grade



Maple Gold  
Grade : 304  
Etched Design : 0.8 to 1.2 mm



Checks Big Gold & Silver  
Grade : 304  
Etched Design : 0.8 to 1.2 mm



Splendor Gold  
Grade : 304  
Etched Design : 0.8 to 1.2 mm



Egyptian Gold  
Grade : 304  
Etched Design : 0.8 to 1.2 mm



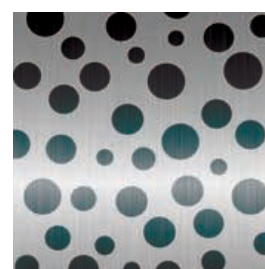
Gold  
Grade : 304  
Etched Design : 0.8 to 1.2 mm



Silver  
Grade : 304  
Etched Design : 0.8 to 1.2 mm



Honeycomb Silver  
Grade : 304  
Etched Design : 0.8 to 1.2 mm



Polka Silver  
Grade : 304  
Etched Design : 0.8 to 1.2 mm



Linen Silver  
Grade : 304  
Etched Design : 0.8 to 1.2 mm



Interlock Silver  
Grade : 304  
Etched Design : 0.8 to 1.2 mm

## Designer S S, 304 Grade

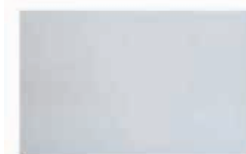
## Cabin Colours



PVC Precoated Steel Wood



PVC Precoated Steel Gray



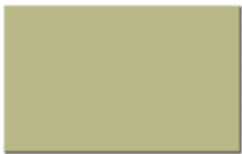
Light Gray Powder Coated



Yellow Powder Coated



Stone Yellow Powder Coated



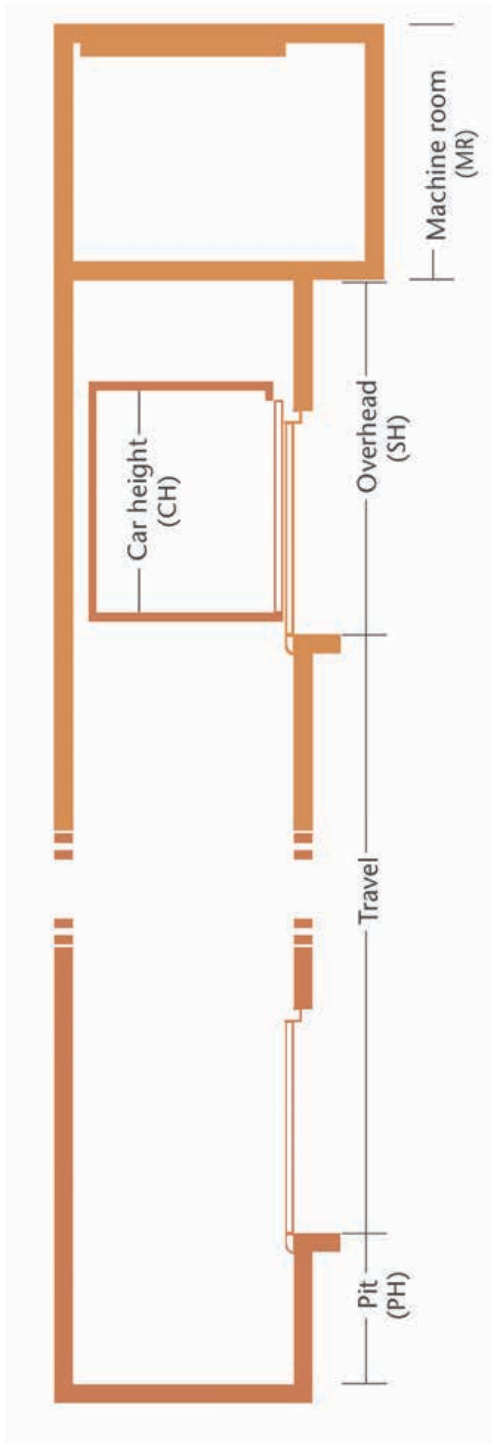
Green Powder Coated



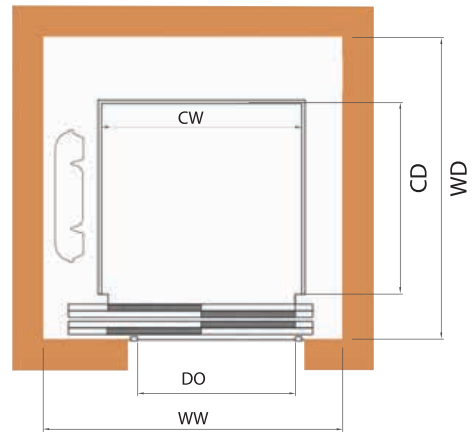
Light Blue Powder Coated

# Lift with Machine Room (LMR)

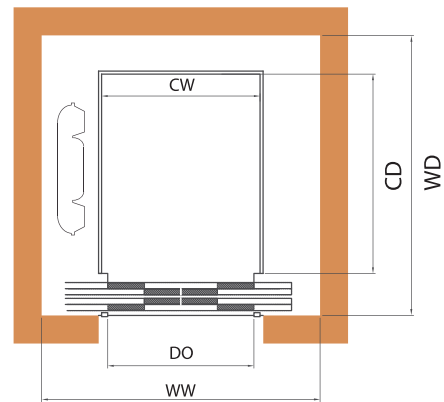
## Elevation Layout



Single entrance Car  
Side Opening



Single entrance Car  
Centre Opening



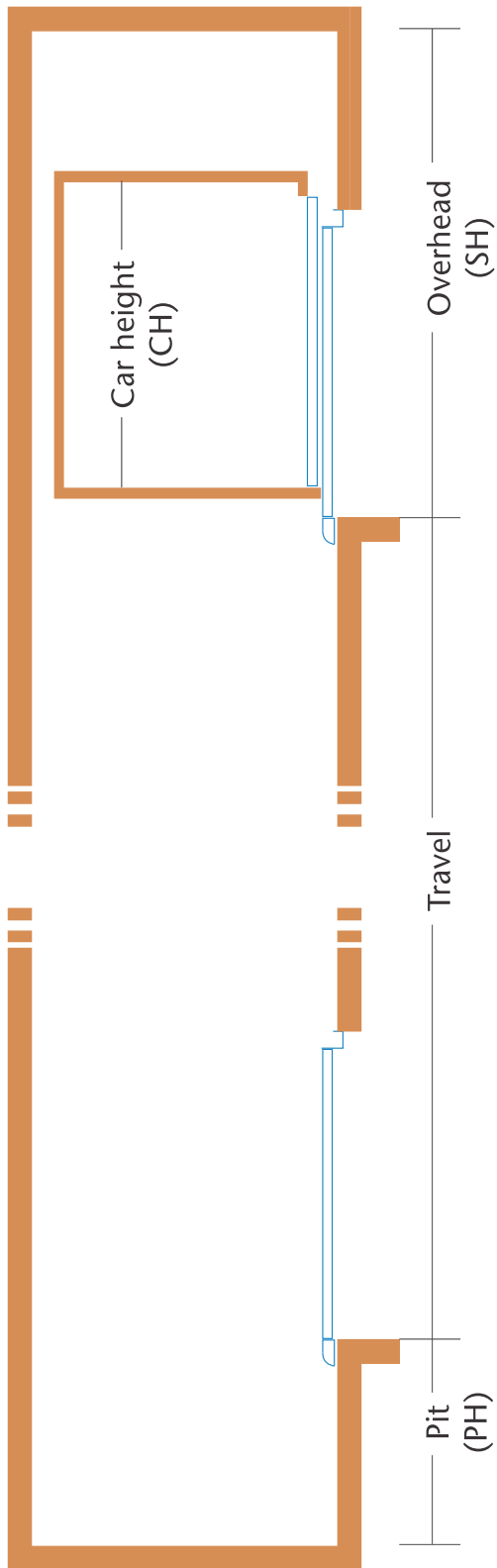
WW - Well Width WD - Well Depth CW - Car Width CD - Car Depth DO - Door Opening  
 Note : Over Head :4500 mm, Machine Room:2100 mm, Pit Height : 1350 mm

## Shaft information for LMR (Lift with Machine Room)

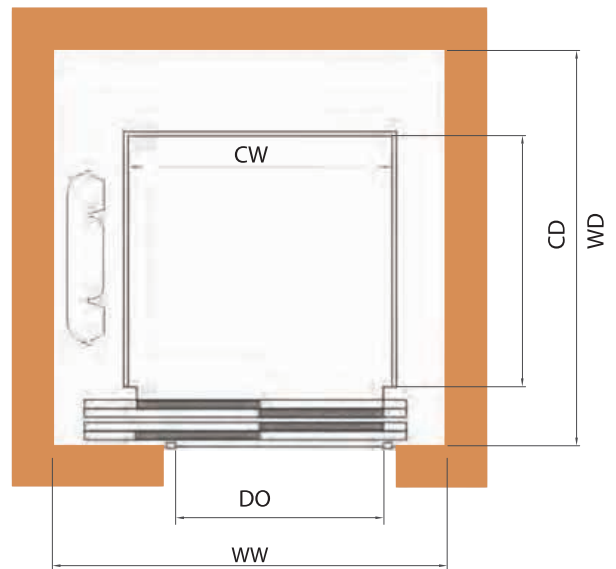
Capacity	Load (KG)	Car Width	Car Depth	Door Opening	For Centre Opening Door		For Side Opening Door	
		CW	CD	DO	WW	WD	WW	WD
4P	272	900	850	700	1600	1550	1400	1650
				800	1800	1550	1550	1650
		1100	700	700	1600	1400	1600	1500
				800	1800	1400	1600	1500
5P	340	1100	850	700	1600	1550	1600	1650
				800	1800	1550	1600	1650
		1200	750	700	1700	1450	1700	1550
				800	1800	1450	1700	1550
6P	408	1200	900	700	1850	1550	1850	1650
				800	1900	1550	1850	1650
		1100	1000	700	1750	1600	1750	1700
				800	1850	1600	1750	1700
8P	544	1100	1300	700	1750	1750	1750	1850
				800	1850	1750	1750	1850
		1300	1100	700	1950	1650	1950	1750
				800	1950	1650	1950	1750
9P	612	1100	1400	700	1750	1850	1750	1950
				800	1850	1850	1750	1950
10P	680	1300	1350	800	1950	1800	1950	1900
		1350	1300	800	2000	1750	2000	1850
		1100	1600	700	1750	2050	1750	2150
				800	1850	2050	1750	2150
11P	748	1350	1400	800	2000	2050	2000	2150
13P	884	1600	1350	900	2250	2000	2250	2100
				1000	2300	2000	2250	2100
		1100	2000	800	1850	2450	1750	2550
				900	2000	2450	1800	2550
		1500	1450	900	2150	2050	2150	2150
				1000	2250	2050	2150	2150
		2000	1100	1000	2700	1900	2700	2000
				1100	2700	1900	2700	2000
15P	1020	1600	1500	900	2250	2100	2250	2200
				1000	2300	2100	2250	2200
		1100	2100	800	1850	2550	1750	2650
				900	2000	2550	1800	2650
16P	1088	1800	1450	1000	2500	2050	2500	2150
				1100	2550	2050	2500	2150
		1300	2000	1000	2200	2450	2000	2550
		1600	1600	1000	2300	2150	2250	2250
		2000	1300	1100	2700	2000	2700	2100
				1100	2700	2000	2700	2100
17P	1150	1800	1500	1000	2500	2100	2500	2200
				1100	2550	2100	2500	2200

# Machine Room Less dimensions

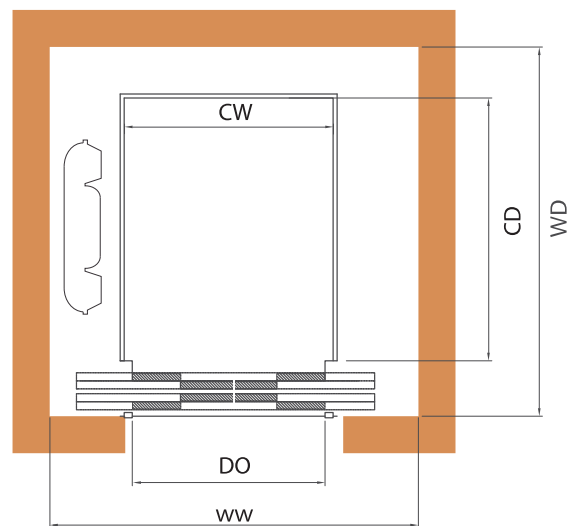
Elevation Layout



Single entrance Car Side Opening



Single entrance Car Centre Opening



WW - Well Width WD - Well Depth CW - Car Width CD - Car Depth DO - Door Opening  
 Note : Over Head :4500 mm, Pit Height : 1500 mm

## Shaft Information for MRL (Machine Room Less)

No. of persons	Load	Car Width	Car Depth	Door Opening	Shaft Width	Shaft Depth	Overhead
	(Kgs)	CW(mm)	CD(mm)	DO(mm)	WW (mm)	WD(mm)	OH(mm)
5	340	950	1000	700	1550	1475	4500
6	408	950	1150	700	1550	1525	
	408	1100	1000	700	1650	1475	
7	476	950	1250	700	1550	1575	
8	544	1100	1300	700	1675	1600	
	544	1100	1300	800	1775	1600	
	544	950	1400	700	1575	1700	
	544	1300	1100	800	1875	1500	
10	680	1300	1350	800	1875	1800	
	680	1100	1600	800	1775	1925	
13	884	1600	1350	900	2175	1800	
	884	1600	1650	1000	2175	1800	
	884	1100	2000	800	1775	2300	
	884	1100	2000	900	1950	2300	
15	1020	1600	1500	900	2175	1875	
	1020	1600	1500	1000	2175	1875	
	1020	1100	2150	800	1775	2450	
	1020	1100	2150	900	1950	2450	

**Note**

- All shaft measurements specified are taken over plaster
- Shaft dimensions are to be maintained to a tolerance of 0, +25mm
- For minimum shaft sizes, contact Customer Engineering for details

## Features

EBD A	Emergency Battery Drive Automatic(ARD)	S	SRC	Curtain of Light in Car	S
CEL	Car Emergency Lighting	S	ACL C	Accurate releveling, automatic, Closed door	S
FRD	Fireman's Drive	S	CCB	Car Call Backwards	S
COD	Correction drive to next level	S	OCL	Operation of Car Light - Automatic	S
ABEM	Alarm Bell	S	OCV	Operation Car Ventillation - Impulse and Automatic	S
ISEC	Emergency Intercom Car-MAP-Control Room	O	ATS	Attendant Service	O
ISES	EPABX based intercom for group of elevators	O	PADC	Parking at pre-defined floor, door closed	O
DCB	Door Close Button	S	BLF	Bypass Load Function	O
DOB	Door Open Button	S	OLFC	Over Load Function, Constant indication	O
NUD NB	Nudging	O	ACU	Light Announcer (LAS)	O

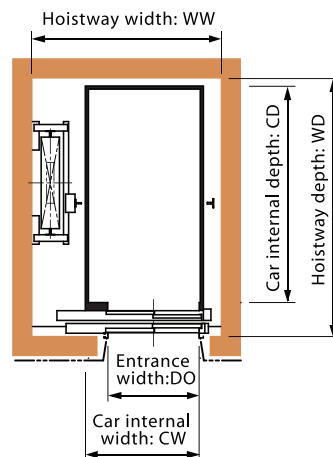
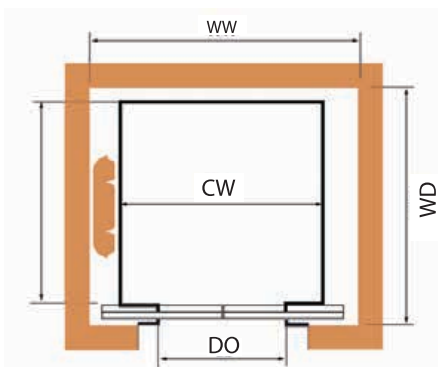
S Standard    
 O Optional    
 ■ Energy saving feature

## Goods Cum Passenger Lift Dimension

No of Persons	Max load	Door Opening Size	car width	car depth	Shaft Width	Shaft Depth
	(kgs)	DO(mm)	CW (mm)	CD (mm)	WW(mm)	WD (mm)
11	750	900	1500	2000	2300	2570
15	1000	1000	1800	2200	2720	2720
22	1500	1200	2000	2200	3130	3105
29	2000	1200	2200	2800	3280	3320
37	2500	1200	2500	3000	3530	3595
44	3000	1500	2500	3400	3570	4025
51	3500	1500	2800	3400	3885	4025
59	4000	1600	3000	4000	4175	4550
74	5000	1800	3200	4500	4510	5050

## Bed cum Passsenger Dimension

No of Persons	Load	Door Opening Size	car width	car depth	Shaft Width	Shaft Depth
	(KG)	DO(mm)	CW (mm)	CD (mm)	WW (mm)	WD (mm)
15	1020	900	1200	2400	2100	2800
21	1500	900	1400	2400	2400	2900
24	1630	1000	1500	2500	2400	3000
26	1800	1000	1500	2700	2400	3300



WW - Well Width WD - Well Depth CW - Car Width CD - Car Depth DO - Door Opening

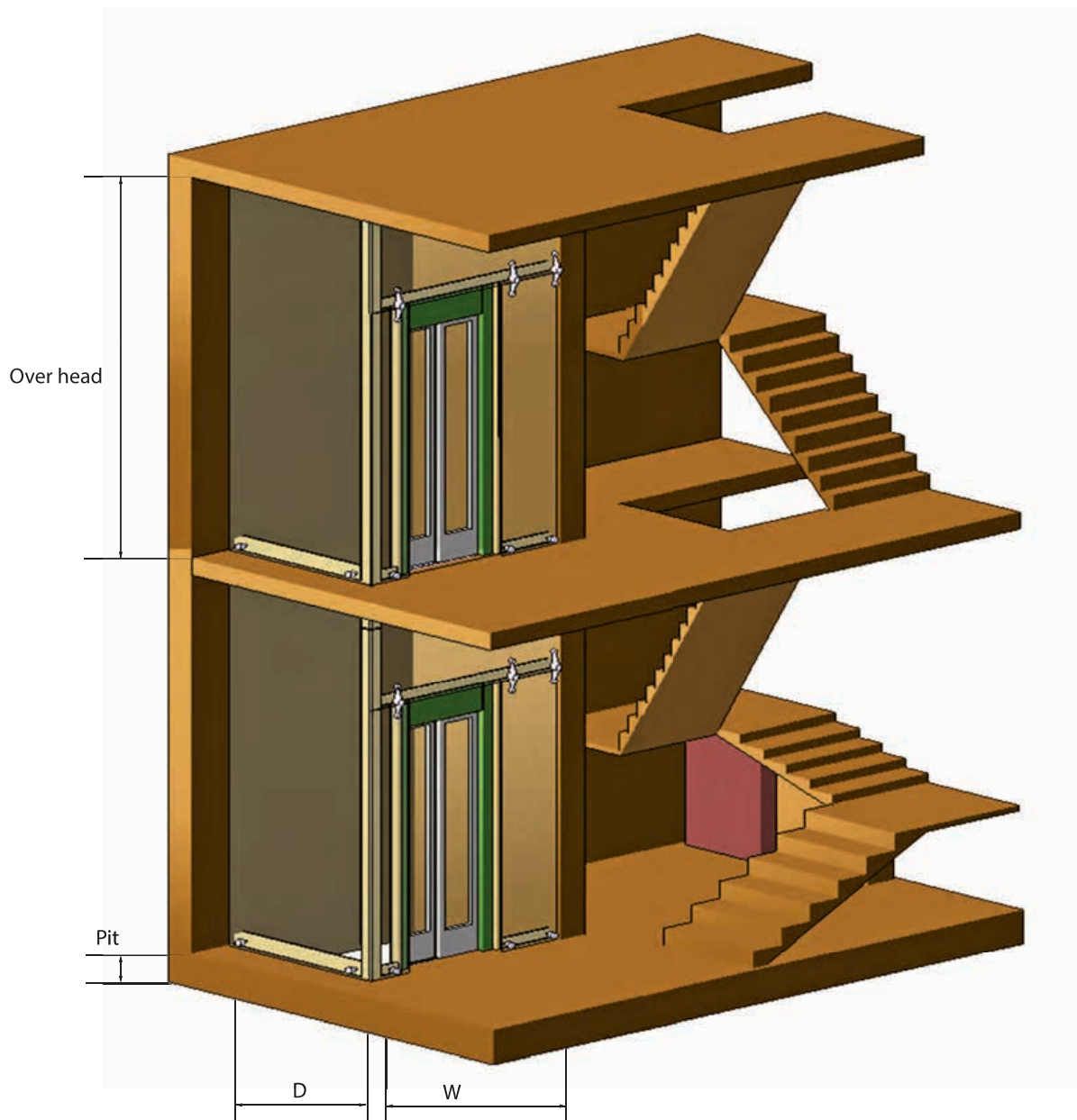
## Features

No	Feature	Traction	MRL	Hydraulic
1	Emergency Battery Drive, Automatic (ARD)	S	S	S
2	Emergency Power drive (Sequencer)	O	O	O
3	Car Emergency Lighting	S	S	S
4	Fireman's drive	O	O	O
5	Correction drive to next level	S	S	S
6	Alarm Bell	S	S	S
7	Emergency intercom Car-machine room-control room	O	O	O
8	Door Close Button	S	S	S
9	Door Open Button	S	S	S
10	Quick close for new car call	O	O	O
11	Light Curtain in Car	S	S	S
12	Operation of car light, automatic	O	O	O
13	Operation of Car ventilation, Automatic	S	S	S
14	Looking of car calls ,reopen devices operate normally	O	O	O
15	False car call canceling (Light curtain monitor)	O	O	O
16	False car call canceling (By pressing button again)	O	O	O
17	Out of service switch at landing, doors closed, lights off	O	O	O
18	Priority call with key switch in car	O	O	O
19	Priority call with key switch in Landing	O	O	O
20	Attendant Service	O	O	O
21	Over load function, constant Indication/ Buzzer	O	O	O
22	Lift Announcer (LAS)	S	S	S

**S** Standard

**O** Optional

# Home Lift - Hydraulic



## Pit

Standard : 300 mm  
Special jobs : 200 mm

## Overhead

Standard : 3300 mm  
Special jobs : 2900 mm

## Speed

Standard : 0.2 m/s  
Special jobs : 0.5 m/s

## Capacity

Standard : 200 kgs/3p  
Special jobs : 404 kgs/6p

## Shaft

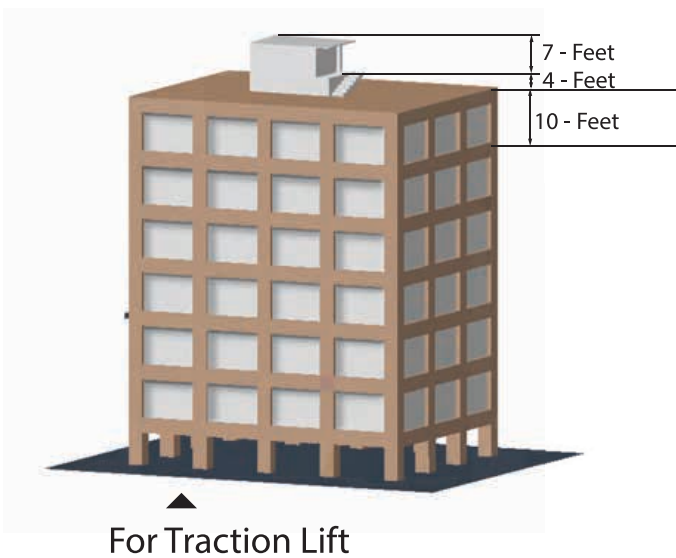
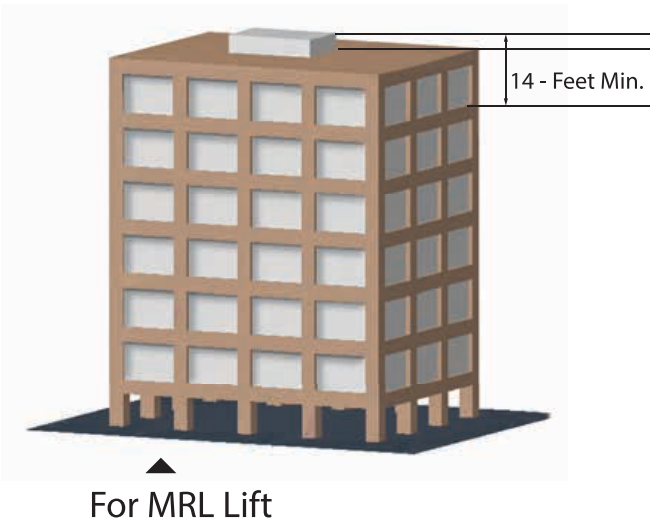
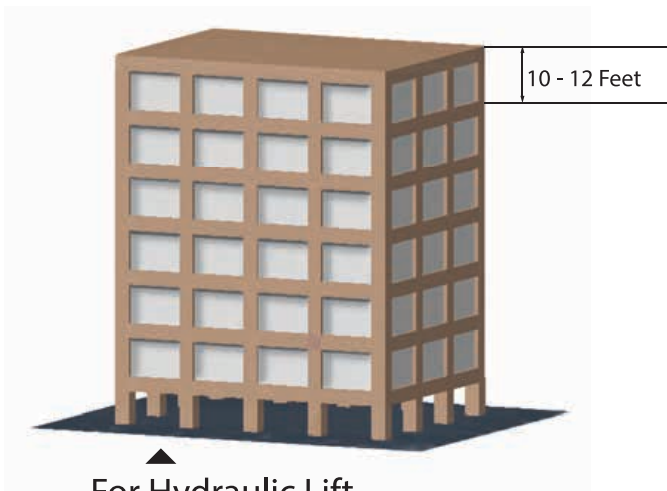
Standard : W1600 mm x D1400 mm  
Special jobs : W1600 mm x D1300 mm

## Door

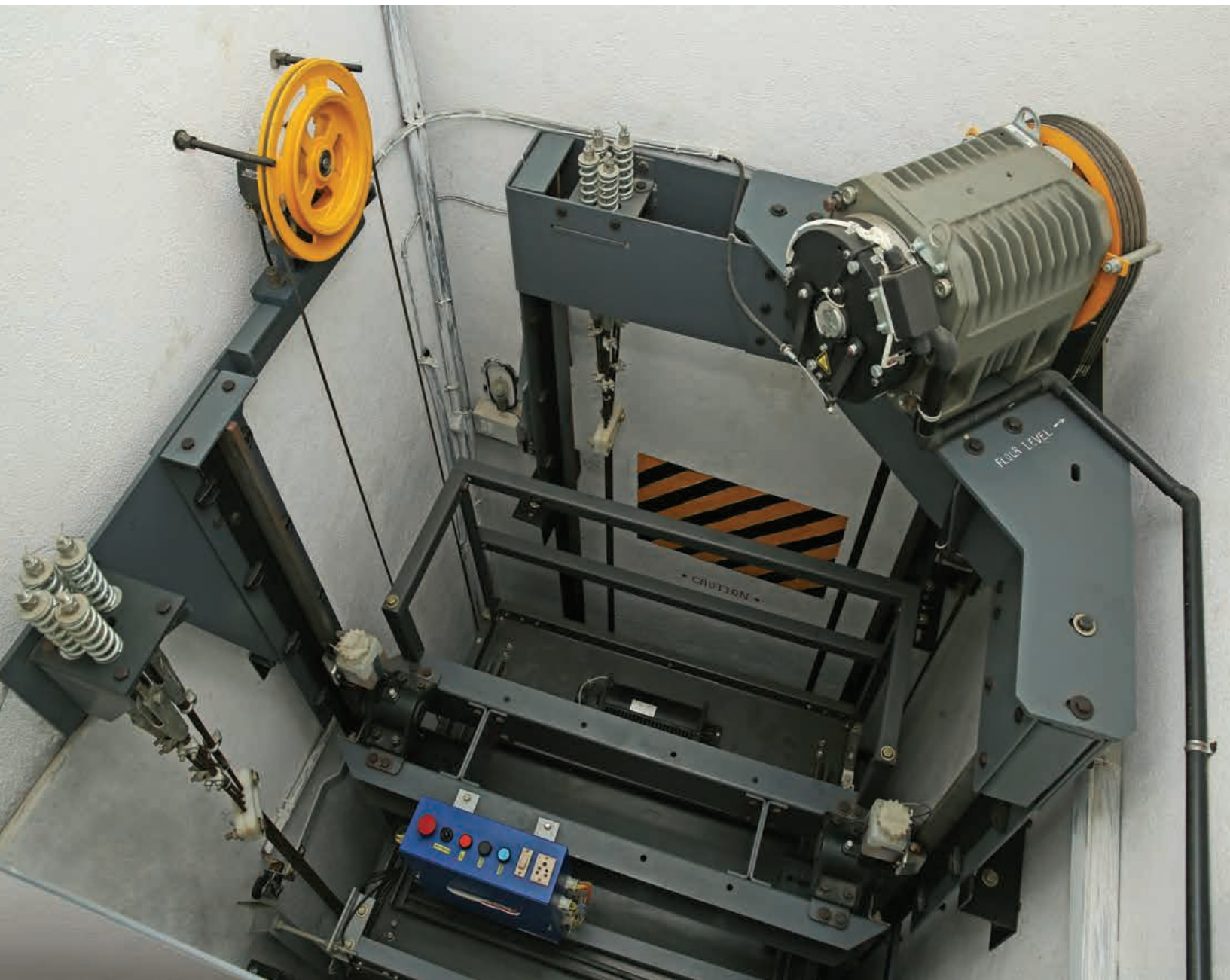
Standard : W700 mm x H2000 mm  
Automatic sliding



# Overhead Details



MRL - Machine Room Less  
(Machine mounted on rails)







**Cooper Elevators India Pvt. Ltd.**

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