

# Enviro XL 1

## *Ideal for heavy duty goods environment*

- MRL lift.
- Ranging a rated load capacity from 1350 to 2000 kg at rated speeds of 1 or 1,6 m/s.
- Robust, hard-wearing and simply reliable for the handling of heavy loads.
- Our gearless motor is light, compact, energy-efficient and eco-friendly.
- Easy to install and maintain. Special installation tools available on request.
- Equipped with Direct Approach System as standard.
- EN81-20 compliant.

### Enviro XL 1

#### Building type



#### Load

1350-2000 kg

#### Speed

1 - 1.6 m/s

#### Min. Pit

1300/1400 mm

#### Min. Headroom

3600/4200 mm

#### Roping

2 : 1

#### Openings

0° - 180°

#### Machine

Diana II 10 2000 2S  
Diana II 10 1600 2S

#### Guide Rails

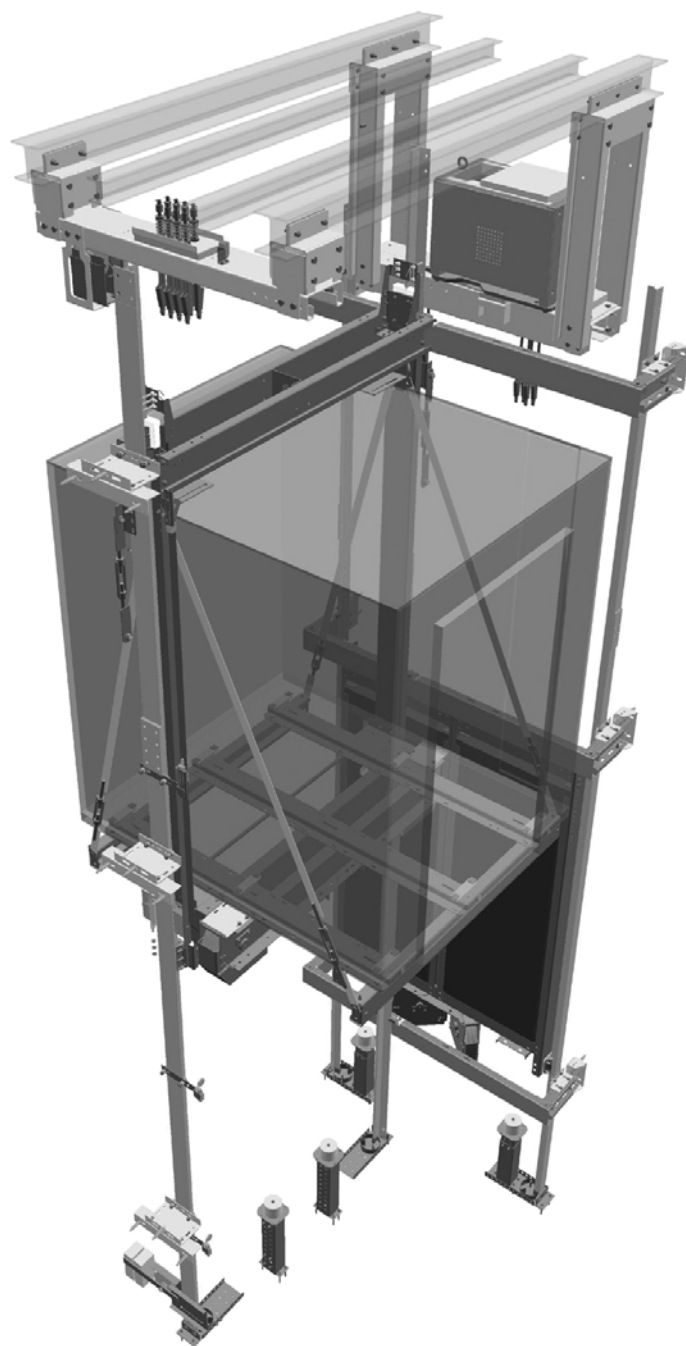
Car T125/B  
Counterweight T70-1

#### Car Frame

(P+Q) Max 4500 kg

#### Ropes

Diameter= 10 mm 8x19-S+(5x7+1)





Rated Load (kg)	Nº of people	Speed (m/s)	Entrances Nº/Angle	Car Size		Shaft Size		Pit	Headroom	Doors**	Machine Power / Current			
				Width	Depth	Width	Depth*							
1350	18	1 or 1.6	1/0°	1200	2450	2100	2750	1300 (1 m/s)	3600 (1 m/s)	2PSO 1100	DIANA2-10-1600-2 10,9Kw / IN= 24A IS=36A			
			2/180°			2100	2850			2PCO 1100				
			1/0°			2450	2750			2PSO 1100				
			2/180°			2450	2850							
1500	20		1/0°	1300	2400	2200	2700			1400 (1.6 m/s)		3850 (1.6 m/s)	2PSO 1100	DIANA2-16-1600-2 17,4Kw / IN= 37A IS=55,5A
			2/180°			2200	2800						2PCO 1100	
			1/0°			2450	2700							
			2/180°			2450	2800							
1600	21	1/0°	1400	2400	2300	2700	1400 (1.6 m/s)	3850 (1.6 m/s)	2PSO 1100		DIANA2-10-2000-2 13,6Kw / IN= 29A IS=43,5A DIANA2-16-2000-2 21,8Kw / IN= 46A IS=69A			
		2/180°			2300	2800			2PCO 1100					
		1/0°			2450	2700								
		2/180°			2450	2800								
2000	26	1/0°	1500	2700	2400	3000			1400 (1.6 m/s)	3850 (1.6 m/s)		2PSO 1300	DIANA2-10-2000-2 13,6Kw / IN= 29A IS=43,5A DIANA2-16-2000-2 21,8Kw / IN= 46A IS=69A	
		2/180°			2400	3100						2PCO 1100		
		1/0°			2450	3000								
		2/180°			2450	3100								

\*Shaft depth dimensions consider landing doors 25mm inside the shaft.

\*\*Calculations made for SELCOM WITTUR HYDRA doors.

Unless stated otherwise, all dimensions are expressed in millimetres.

## Operational ranges

<b>Shaft</b>	Pit:	Standard minimum 1m/s: 1300mm Standard minimum 1,6m/s: 1400mm
	Headroom:	Standard minimum 1m/s (2200mm high car): 3600mm Reduced minimum 1m/s (2050mm high car): 3450mm Standard minimum 1,6m/s (2200mm high car): 3850mm Reduced minimum 1,6m/s (2050mm high car): 3700mm
<b>Car</b>	Minimum width:	1200 mm
	Maximum width:	2500 mm
	Minimum depth:	1400 mm
	Maximum depth:	2700 mm
	Standard Height:	2200 mm



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# Enviro XL 2

## *Ideal for heavy duty goods environment*

- MRL lift.
- Ranging a rated load capacity from 2100 to 2900 kg at rated speeds of 1 or 1,6 m/s.
- Robust, hard-wearing and simply reliable for the handling of heavy loads.
- Our gearless motor is light, compact, energy-efficient and eco-friendly.
- Easy to install and maintain. Special installation tools available on request.
- Equipped with Direct Approach System as standard.
- EN81-20 compliant.

### Enviro XL 2

#### Building type



#### Load

2100-2900 kg

#### Speed

1 - 1.6 m/s

#### Min. Pit

1300/1400 mm

#### Min. Headroom

3600/4200 mm

#### Roping

2 : 1

#### Openings

0° - 180°

#### Machine

Swiss Traction Z 526 S  
Swiss Traction Z 527 S

#### Guide Rails

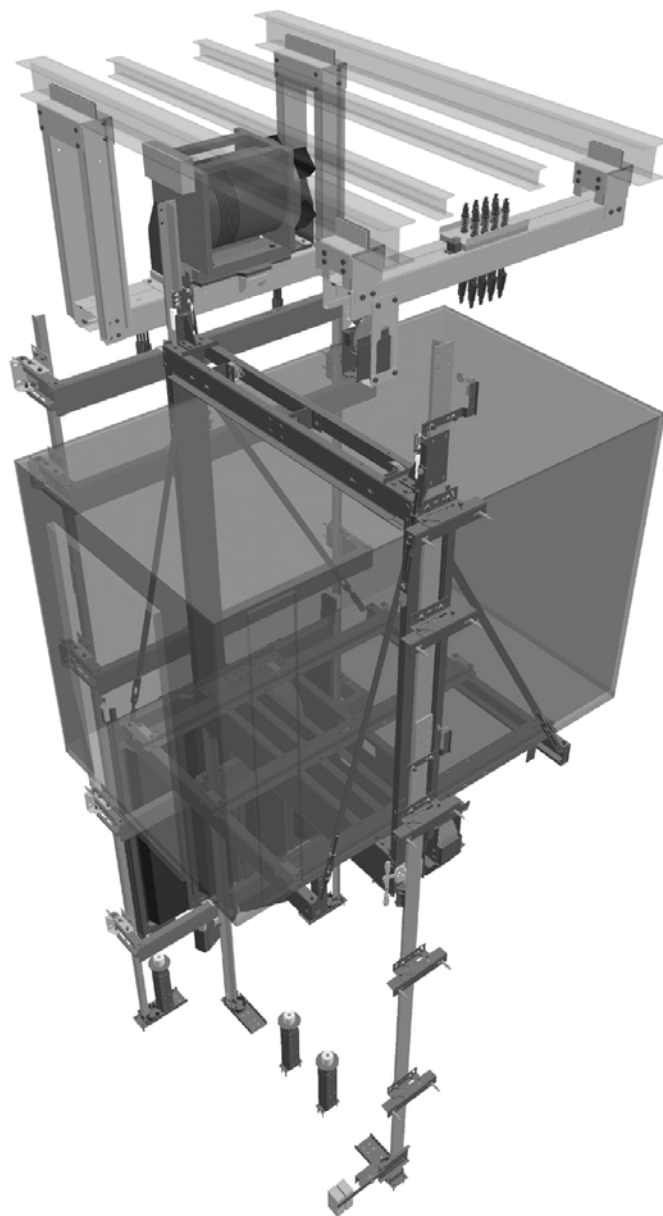
Car T125/B  
Counterweight T70-1

#### Car Frame

(P+Q) Max 6000 kg

#### Ropes

Diameter= 12 mm 8x19-S+(5x7+1)





Rated Load (kg)	N° of people	Speed (m/s)	Entrances N°/Angle	Car Size		Shaft Size		Pit	Headroom	Doors**	Machine Power / Current
				Width	Depth	Width	Depth*				
2100	28	1 or 1.6	1/0°	1600	2500	2550	2800	1400 (1 m/s) 1500 (1.6 m/s)	3700 (1 m/s) 3900 (1.6 m/s)	2PSO 1400	Z 526 S 17,7 kw IN= 36 A IA=52A
			2/180°			2550	2900			2PCO 1400	
			1/0°			3000	2800			2PSO 1400	
			2/180°			3000	2900			2PCO 1400	
2200	29		1/0°	1600	2600	2550	2900			2PSO 1400	
			2/180°			2550	3000			2PCO 1400	
			1/0°			3000	2900			2PSO 1400	
			2/180°			3000	3000			2PCO 1400	
2300	30	1/0°	1600	2800	2550	3100	2PSO 1400				
		2/180°			2550	3200	2PCO 1400				
		1/0°			3000	3100	2PSO 1400				
		2/180°			3000	3200	2PCO 1400				
2500	33	1/0°	1600	3000	2550	3100	2PSO 1400				
		2/180°			2550	3400	2PCO 1400				
		1/0°			3000	3300	2PSO 1400				
		2/180°			3000	3400	2PCO 1400				
2900	38	1/0°	1800	3000	2750	3300	2PSO 1500				
		2/180°			2750	3400	2PCO 1400				
		1/0°			3000	3300	2PSO 1500				
		2/180°			3000	3400	2PCO 1400				

\*Shaft depth dimensions consider landing doors 25mm inside the shaft

\*\*Calculations made for SELCOM WITTUR HYDRA doors.

Unless stated otherwise, all dimensions are expressed in millimetres.

## Operational ranges

<b>Shaft</b>	Pit:	Standard minimum 1m/s: 1400 mm Standard minimum 1,6m/s: 1500 mm
	Headroom:	Standard minimum 1m/s: (2200 mm high car): 3700 mm Reduced minimum 1m/s: (2050 mm high car): 3550 mm Standard minimum 1,6m/s: (2200 mm high car): 3900 mm Reduced minimum 1,6m/s: (2050 mm high car): 3750 mm
	Minimum width:	Car width + 950mm

<b>Car</b>	Minimum width:	1500 mm
	Maximum width:	2900 mm
	Minimum depth:	2000 mm
	Maximum depth:	3350 mm
	Standard Height:	2200 mm



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# Enviro XL 3

## ***Ideal for heavy duty goods environment***

- MRL lift.
- Ranging a rated load capacity from 3000 to 4000 kg at rated speeds of 1 or 1,6 m/s.
- Robust, hard-wearing and simply reliable for the handling of heavy loads.
- Our gearless motor is light, compact, energy-efficient and eco-friendly.
- Easy to install and maintain. Special installation tools available on request.
- Equipped with Direct Approach System as standard.
- EN81-20 compliant.

### Enviro XL 3

#### Building type



#### Load

3000-4000 kg

#### Speed

1 m/s

#### Min. Pit

1300 mm

#### Min. Headroom

4200 mm

#### Roping

4 : 1

#### Openings

0° - 180°

#### Machine

Ziehl-Abegg

#### Guide Rails

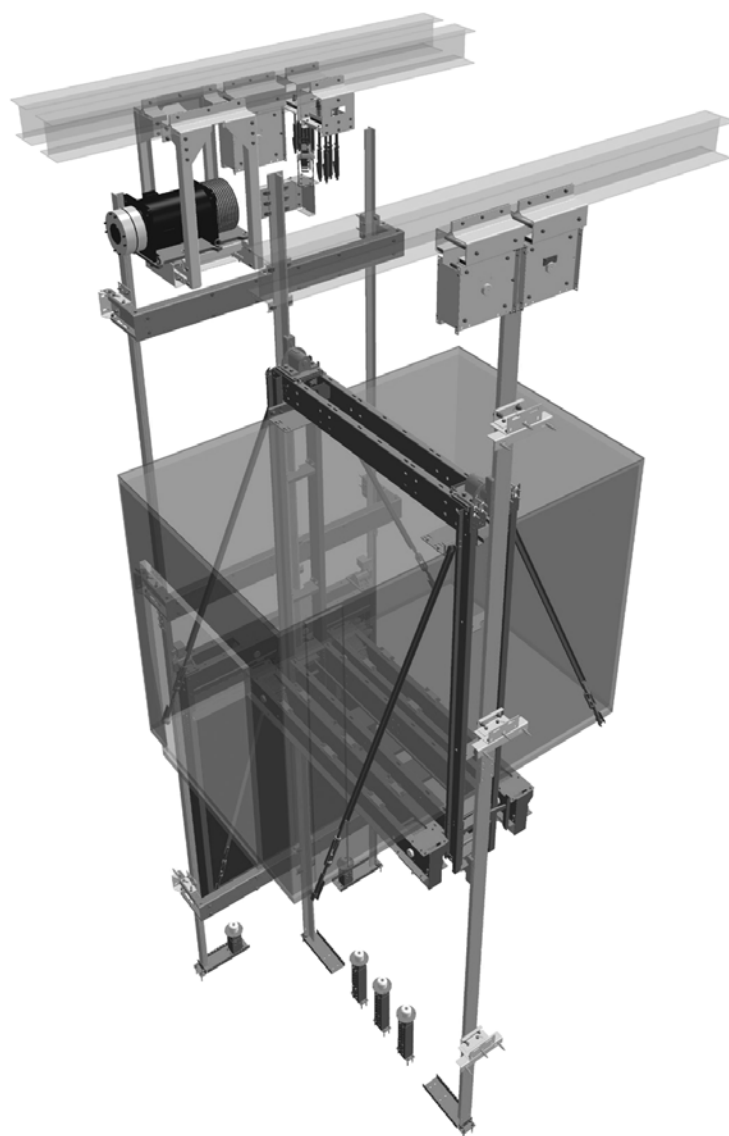
Car T140/B  
Counterweight T90-1

#### Car Frame

(P+Q) Max 7500 kg

#### Ropes

Diameter= 10 mm 8x19-S+(5x7+1)





Rated Load (kg)	Nº of people	Speed (m/s)	Entrances Nº/Angle	Car Size		Shaft Size		Pit	Headroom	Doors**	Machine Power / Current
				Width	Depth	With	Depth*				
3100	42	1	1/0°	2000	2850	3250	3150	1300	4200	4PCO 1700	XAF 6S 16,7kw IN= 40 A IS= 60A
			2/180°		2800	3250	3200				
			1/0°	2200	2550	3450	2850			4PCO 1900	
			2/180°		2500	3450	2900				
3500	46		1/0°	2200	2950	3450	3250			4PCO 1900	
			2/180°		2900	3450	3300				
			1/0°	2400	2700	3650	3000			4PCO 2000	
			2/180°		2650	3650	3050				
4000	53	1/0°	2200	3300	3450	3600	4PCO 1900				
		2/180°		3250	3450	3650					
		1/0°	2500	2900	3750	3200	4PCO 2100				
		2/180°		2850	3750	3250					

\*Shaft depth dimensions consider landing doors 25mm inside the shaft.

\*\*Calculations made for SELCOM WITTUR HYDRA doors.

Unless stated otherwise, all dimensions are expressed in millimetres.

## Operational ranges

<b>Shaft</b>	Pit:	Standard minimum 1 m/s: 1300 mm
	Headroom:	Standard minimum 1 m/s (2200 mm high car): 4200 mm Reduced minimum 1 m/s (2050 mm high car): 4050 mm
	Minimum width:	Car width + 1250 mm
<b>Car</b>	Minimum width:	1600 mm
	Maximum width:	3000 mm
	Minimum depth:	2600 mm
	Maximum depth:	4000 mm
	Standard Height:	2200 mm



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