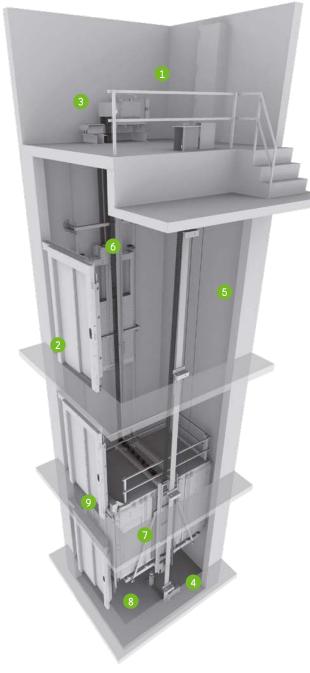
Orona 3G X-26

Machine-room above electrical gearless solutions

With the latest direct drive technology in public buildings. Less noise and more accessible maintenance. The robust solution with machine room for heavy traffic.

General specifications

Load	630 to 1,600 kg							
Capacity	8 to 21 persons							
Speed	1 - 1.6 m/s							
Maximum travel	50 - 75 m							
Maximum floors served	32 floors							
Entrances	1 front / 2 open through							
Drive system	Direct gearless							
Controller	ARCA II controller, low energy microprocessor							
Door types	Automatic side-opening / Automatic central-opening							
Clear door opening	From 800 to 1,600 mm (in 100 mm increments)							
Door height	2,000 / 2,100 / 2,200 / 2,300							
Car dimensions	Parametric car dimensions							
Internal car height	2,100 / 2,200 / 2,300 / 2,400							
Aesthetic solutions	Orona 3G Public Packs / Orona 3G Public Plus							





MACHINE-ROOM

Standard Optional

A traditional solution simplifying lift maintenance.



2 SOLID DOORS

Extra robust doors with reduced sound levels inside and outside the lift and which are specially constructed for high volume passenger traffic.



TRACTION ROPES

Orona small diameter ropes

replace traditional steel

ropes. As a result of their

and greater flexibility, it

is possible to use a more

compact, efficient and

lighter weight, longer lifespan

eco-friendly gearless machine.



3 DRIVE

Compact, quiet, gearless, energy efficient, speed regulated (VVVF) permanent magnet electric motor.



ACCESIBLE SPACE **BELLOW THE PIT**

Adapts the lift to suit buildings which have an accessible space below the pit (optional).





PARAMETRIC/ **FLEXIBLE**

Flexible car and door configurations ensure available shaft dimensions can be optimised (optional).







Reinforced wall panels and flooring provides durability for heavy duty usage. Flexible configurations offering optimum car and door dimensions.



ROBUST LIFT CAR

Provides greater comfort during lift travel, with reduced vibration and noise.



AUTOMATIC RESCUE SYSTEM

With floor level indication to ensure fast, efficient and safe evacuation of passengers in the event of an emergency. As an option, the system can incorporate a fully-automatic rescue device to evacuate passengers in the event of a power failure.















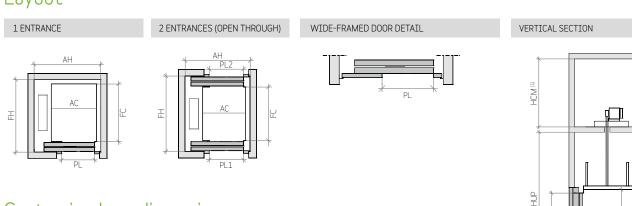


Standard dimensions

	and I cancer	sitv		Cas					Lift s	haft *			
Load / capacity				Car			Side-oper	ning doors	Central-op	ening doors			
Speed		Q	AC	FC.	PL	Entr	AH^1	FH ²	АН	FH ³	HF	HUP ⁴	
	Persons	Load	Width	Depth	Clear opening	Accessibility	No. of entrances	Width	Depth	Width	Depth	Pit	Last Floor
	8	630 kg	1,100	1,400	900		1 2 x 180°	1,700	1,675 1,850	1,950	1,625 1,750		
	10	800 kg	1,350	1,400	900		1 2 x 180°	1,975	1,675 1,850	1,975	1,625 1,750		3,400
	13		1,600	1,400	1,000	(j.)	1 2 x 180°	2,225	1,675 1,850	2,225	1,625 1,750	1,050	
1 m/s		1,000 kg	1,100	2,100	1,000		1 2 x 180°	1,775	2,375 2,550		1,700		
	17		2,000	1,400	1,100	iiiė	1 2 x 180°		2,000	2,750	1,650 1,750		
		1,275 kg	1,200	2,300	1,100		1 2 x 180°	1,935	2,600 2,750		2,700		
	21	1,600 kg	2,100	1,600	1,100		1 2 x 180°			2,850	1,850 1950		
			1,400	2,400	1,200		1 2 x 180°	2,085	2,700 2,850		2700		
	8	630 kg	1,100	1,400	900		1 2 x 180°	1,725 1,975 2,225	1,675 1,850	1,950	1,,625 1,750		
	10	800 kg	1,350	1,400	900		1 2 x 180°		1,675 1,850	1,975	1,625 1,750	1 200	
	13	1 000 1	1,600	1,400	1,000	انه	1 2 x 180°		1,675 1,850	2,225	1,625 1,750	1,200	0.550
		1,000 kg	1,100	100 2,100	1,000		1 2 x 180°	1,775	2,375 2,550				
1.6 m/s	17	4.0751	2,000	1,400	1,100		1 2 x 180°			2,750	1,650 1,750		3,550
		1,275 kg	1,200	2,300	1,100		1 2 x 180°	1,935	2,600 2,750			1 250	
	0.4	1 (00)	2,100	1,600	1,100		1 2 x 180°			2,850	1,850 1,950	1,250	
	21	1,600 kg	1,400	2,400	1,200		1 2 x 180°	2,085	2,700 2,850		,		

- $1\,$ Accessible space below the pit (counterweight with safety gear) add 50 mm to AH $\,$
- 2 Shaft depth with door tracks projecting 60 mm on the landing
- 3 Shaft depth with door tracks projecting 40 mm on the landing
- 4 HUP minimum for internal car height (HC) of 2,100 mm.
- * Minimum plumb measurements

Layout



Customised car dimensions

														r wic	LII								
									21	20	18			2,100									
								21	20	18	17			2,000									
							21	20	19	17	16			1,900									
						21	20	19	18	16	15			1,800									
					21	20	19	18	16	15	14			1,700									
				21	21	19	18	16	15	14	13	12		1,600									
		21	21	19	18	17	17	15	14	13	13	11		1,500									
21	21	20	19	18	17	16	15	14	13	13	12	11	10	1,400									
20	19	18	17	16	16	15	14	13	12	11	10	9	8	1,300									
19	18	17	16	15	14	13	13	12	11	10	9	9	8	1,200									
		15	14	13	13	12	11	11	10	9	8	8		1,100									
				12	12	11	10	10	9	8				1,000									
				11	10	10	9	8	8					900									
500	2,400	2,300	2,200	2,100	2,000	1,900	1,800	1,700	1,600	1,500	1,400	1,300	1,200		800	900	1,000	1,100	1,200	1,300	1,400	1,500	1,60

Note: Car width and depth variable in increments of 5 mm.
For simplification, table samples show increments of 100 mm.

