

1 General points

This notice relates to the use of temporary suspended platforms installed inside a shaft, and equipped with the e.lift 600 hoist.

Instructions for the attachment system, the safety blocks and the guidance system must be those associated with this equipment.

1.1 Description of the machine

This machine is a temporary suspended platform comprised of modular elements. The motor power is provided by e.lift 600 hoists (check marking on the hoist identification plate: "Type 526"), the platform consists of special modular elements or, in some cases, Moduleco or Modulaho, the security system using SECURISTOP 600 blocks (check markings on the block identification plate: "Type 518600") and the attachment system consists of FIXAPOUTRES S beams (see also § 1.7) or similar.

1.2 General description.

This machine is intended for temporary access to technical shafts in buildings. It is designed for professionals involved in works, such as in elevator shafts. Each hoist uses two steel cables (hoist cable and safety cable). A guide can be made using metal rails (thick. max. 19mm) not provided.

1.3 Compliance with guidelines and standards; commissioning

This machine complies with the Machinery Directive 2006/42/EC.

It was designed using the standard EN1808: 1999 + A1: 2010.

It is manufactured under a quality process according to EN-ISO 9001: 2008.

The machine in which the hoist is incorporated has not been tested in its full configuration in a workshop, and so a test before commissioning must be performed with a static test coefficient of 1.25xRL and a dynamic test coefficient of 1.1xRL.

1.4 Specifications

The shaft suspended platform can adapt to different sizes of shaft (depth x width: DXW) or distances between guides (DBG).

DBG	1220mm (-45 +255)	1500mm (-45 +255)	1700mm (-45 +255)	2000mm (-45 +255)	2300mm (-45 +255)
W(mm)	930	1210	1410	1710	2010
D(mm)					
1048			B1		
1453		A2			D2
1603			B3	C3	D3
2103	AA4	A4	B4	C4	D4

(See diagrams in Appendix)

The e.lift 600 hoist has a maximum working load limit (WLL) of 600kg. It is displayed on the hoist plate. When installed on a platform suspended in a shaft, the load that can be put on this platform (RL) is between 240 and 500kg (see the label on the brackets supporting the hoists).

Type	526	526A	
CMU / WLL (kg)	600	600	
Motor P (kW)	1.25	1.25	
Voltage (V)	400V 3 ~	230V 1 ~	
I Nominal / start (A)	3.5/14A	10/21A	
Weight (kg)	41	42	
Dimensions (mm)	244x315x469 (544)	251x332x507 (582)	
T° for use (° C)	-10°C // +55°C	-10°C // +55°C	
Operating Speed (m / s)	0.15 (9m/mn)		
Emergency descent rate (m / s)	0.15 (4.5m/mn)		
Cable Ø and type (mm)	Ø8.3 - 5x19 or 6x17 or 5x26, synthetic core		
Minimum cable break load (kg)	4800		
Load limiter	Yes, adjustable		
Upper limit switch	Yes		
Upper off-course sensor	Yes		