

Dedicated to People Flow™

KONE

UPGRADE PACKAGE FOR ELEVATORS WITH KONE RESOLVE™

Modernization of hoisting machinery

A modular approach

The KONE ReSolve™ hoisting upgrade package is designed to replace the hoisting machine in existing installations with KONE ReSolve 10/20/40 electrification. The package consists of either the KONE EcoDisc® or KONE PowerDisc™ machine, together with a new drive system and electrical upgrades to interface with the existing installation. It improves safety and ride comfort, while further reducing electricity consumption.

The KONE ReSolve hoisting upgrade package is part of a two-step approach to modernizing your elevator.

1. In the first step KONE has renewed the electrification and controller with KONE ReSolve solutions.
2. The second step is to replace the old hoisting machinery. This is a straightforward process, since the modern electrification system is already in place.

Package components

KONE EcoDisc or KONE PowerDisc hoisting machine and bedplate to replace hoisting machine in existing ReSolve™ 10/20/40 installations.

Existing electrification is upgraded including: essential new control boards, elevator positioning system and elevator drive control.

Option to increase eco-efficiency further with KONE Regenerative drives.

KEY BENEFITS

Convenient

- A modular approach to upgrading existing machinery to KONE EcoDisc or KONE PowerDisc

Safe

- Machinery compliant with EN81-80 safety codes
- Ascending car overspeed protection
- Uncontrolled movement protection
- Improved floor leveling accuracy with closed loop drive

Comfortable

- Improved ride comfort
- Reduced noise level in machine room and in car

Eco-efficient

- High electrical efficiency significantly reduces energy consumption
- Further eco-efficiency improvements with KONE Regenerative drives*
- Oil-free machinery

Reliable

- Typical hoisting function lifetime 25 years, depending on elevator usage
- Worldwide proven technology

* Optional



KONE EcoDisc®



KONE PowerDisc™

Hoisting machine options:

	MX 1.1	MX 2.1	GMX1	GMX2
Machine types	KONE EcoDisc®		KONE PowerDisc™	
Load range	180 - 525kgs	525 - 1050kgs	180 - 630kgs	180 - 1150kgs
Speed	0.5 - 1m/s	1m/s	0.5 - 1.6m/s	0.5 - 1.6m/s
Max. travel	50	50	40	75
Max. floors	24	24	16	24
Max. elevators in group	3	3	3	6
Max. starts/year	200 000	200 000	200 000	300 000
Machine room location	above, side, below	above, side, below	above	above
Leveling accuracy	+/-5mm	+/-5mm	+/-5mm	+/-5mm
Typical lifetime of hoist	25 years	25 years	25 years	25 years
Max. noise in machine room	55 dB(A)	55 dB(A)	78 dB(A)	73 dB(A)

For more information go to www.kone.com

This publication is for general informational purposes only and we reserve the right at any time to alter the product design and specifications. No statement contained in this publication shall be construed as a warranty or condition, express or implied, as to any product, its fitness for any particular purpose, merchantability, quality or shall be interpreted as a term or condition of any purchase agreement for the products or services contained in this publication. Minor differences between printed and actual colors may exist. KONE, Dedicated to People Flow™, KONE ReSolve™, KONE EcoDisc®, KONE PowerDisc™ are trademarks or registered trademarks of KONE Corporation. Copyright © 2010 KONE Corporation.