

### STRONG AND RELIABLE LIFTING EQUIPMENT





BEST QUALITY SINCE 1960

# INDUSTRIAL ELEVATORS

## Strong and reliable LIFTING **EQUIPMENT**

Directive No. 2006/42/EC
ISO 9001
EN 1090-2 EXC2 A EXC3
EN ISO 3834-2





For more than 60 years, we have become one of the top manufacturers in the world. During this time, we have become one of the top production in the world, especially where operational reliability and durability are preferred.

In our modern, robotic facility, we respect the industry's best traditional practices and use only high-quality materials and components. In this facility, we are also engaged in the production of steel structures, machining, laser cutting of material and other custom engineering production.

Our technical solutions fully satisfy the requirements and needs of our customers. After the completion of a project, we are ready to thoroughly train the operation and service crews and remain at your full disposal.

Our clients highly appreciate our worldwide sales and service network as well as long-term and fast availability of spare parts.

Choose Stros for your project – you will get a unique source of global experience and a partner you can fully rely on.



The products of STROS a.s. are designed, manufactured and approved in accordance with applicable European legislation.

NOV = Construction hoists for the transport of persons and material with vertically guided cages

NOV = Dedicated machinery (Industrial elevators)

WP = Mast climbing work platforms

ZL = Temporary suspension platforms











# Industrial Elevators NOV 412 - 514





Load capacity:	400 kg (NOV 414) / 500
Lifting speed:	up
Max. lifting height:	

Technical data	NOV 412	NOV 514
Maximum car internal dimensions (mm)	910 x 1,280 x 2,400	910 x 1,515 x 2,4
Standard door clear height	2,000 mm	
Motor power	according to configuration	
Motor control	Frequency inverter or DOL	
Voltage system	according to configuration	
Rated current (400 V · 480 V)	according to configuration	
Main protection (400 V · 480 V)	according to configuration	
Mast	BH, S, H, I	
Information	hoist parameters can be customized	
Control	Single Automatic /	Selective Collective
Standard base landing height above ground	1,250	) mm

kg (NOV 514)

o to 45 m/min

350 m

.400

NOV industrial elevators are designed for reliable operation and long life cycles in the harsh environments of various industrial settings, such as power plants, cement plants, lime plants, coal handling facilities, steel mills, refineries, mines etc.

### NOV 412 - 514

### LC: 400 - 500 kg / H: 350 m / S: 45 m/min

Control: fully automatic, using Selective Collective or semi-automatic, using direct floor selection (Single Automatic).

The motors can be controlled by a variable frequency drive (VFD), or connected direct on line (DOL).

We can completely design, manufacture and install the elevator specifically per the customer's requirements and needs.

Our elevators are available in various surface finishes, such as painted, hot-dip galvanized or stainless steel.

Quick and easy installation. Possibility of reaching great heights. No need for an enclosed shaft.

Elevators are suitable for STS Crane (Ship-to-Shore Cranes)

### **EQUIPMENT OPTIONS:**

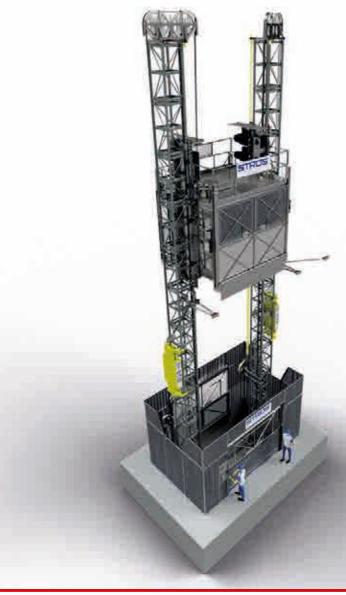
- Overload protection
- Cable trolley on vertical rails beside the hoist car or on a mast under the hoist car
- Single-piece or bi-parting car doors
- Erection boom
- Automatic rack lubrication
- Air-conditioned or heated control panels

### **MORE INFORMATION:**



## Special industrial elevators for explosive environments **EX PROOF** (Ex)





Load capacity:	5
Lifting speed:	up

Max. lifting height:

Technical data	EX-PROOF
Car internal dimensions	900 - 2,000 x 1,200 - 4,200 x
Standard door clear height	2,000 mm
Motor power	according to configura
Motor control VFD or DOL	VDF or DOL
Frequency inverter	yes or contactor des
Voltage system	3PEN~50 Hz 400 V/TN-C-S3PEN~6
Rated current (400 V · 480 V)	according to configura
Main protection (400 V $\cdot$ 480 V)	according to configura
Mast	BH, S, H, I
Information	hoist parameters can be cu
Control	Single Automatic / Selective
Standard base landing height above ground	1,400 mm



### 500 - 5,000 kg

o to 90 m/min

350 m

.....

### x 2,400 mm

ration

sign

60 Hz 480 V/TN-C

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ration

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e Collective

Special elevator for potentially explosive environments, such as refineries, flammable warehouses, mining operations or other environments that place much higher demands on operational safety. We manufacture elevator for these specific environments according to the requirements of ATEX and NEC standards.

### NOV EX PROOF

LC: According to configuration / H: 350 m / S: 40 m/min

Long service life and excellent durability thanks to first-class materials and components.

Control: fully automatic, using Selective Collective or semi-automatic, using direct floor selection (Single Automatic).

The motors can be controlled by a variable frequency drive (VFD), or connected direct on ine (DOL).

We can completely design, manufacture and install the elevator specifically per the customer's requirements and needs.

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Our elevators are available in various surface finishes, such as painted, hot-dip galvanized or stainless steel.

Possibility of reaching great heights. No need for an enclosed shaft.

### **EQUIPMENT OPTIONS:**

- Overload protection
- Cable trolley on vertical railsl beside the hoist car or on a mast under the hoist car
- Single-piece or bi-parting car doors
- Erection boom
- Automatic rack lubrication

### MORE INFORMATION:



### Special industrial elevator **BV 400**





Load capacity:

Lifting speed:

### Maximum transport height

BV 400
800 x 1,350 x 2,000 mm
2,000 mm
2 x 4,5 kW
3PEN ~50 Hz 400 V/TN-C-S
18 A
25 A
IP54
Н
Single Automatic

BV industrial elevators are used in industrial settings with requirements for the transport of people and material below the level of the surrounding terrain. They are designed for reliable operation long life cycles and in harsh environments. The hoists are manufactured in accordance with European standards.

#### BV 400

### LC: 400 kg / H: 95 m / S: 0-19,2 m/min

BV industrial elevators are a special series of elevator designed for the transport of people and material to underground spaces, mines, collectors, etc. The base station of the elevator is located on the surface and the hoist descends to the programmed landings to a depth of up to 95m.

Our elevators are available in various surface finishes, such as painted, hot-dip galvanized or stainless steel.

No need for an enclosed shaft.

### **EQUIPMENT OPTIONS:**

- Overload protection
- Single-piece or bi-parting car doors
- Automatic rack lubrication

### **APPLICATION OPTIONS:**

• BV industrial elevators are used on sites with harsh operating conditions in a range of industrial settings, e.g. mine shafts, collectors, etc.

### **MORE INFORMATION:**

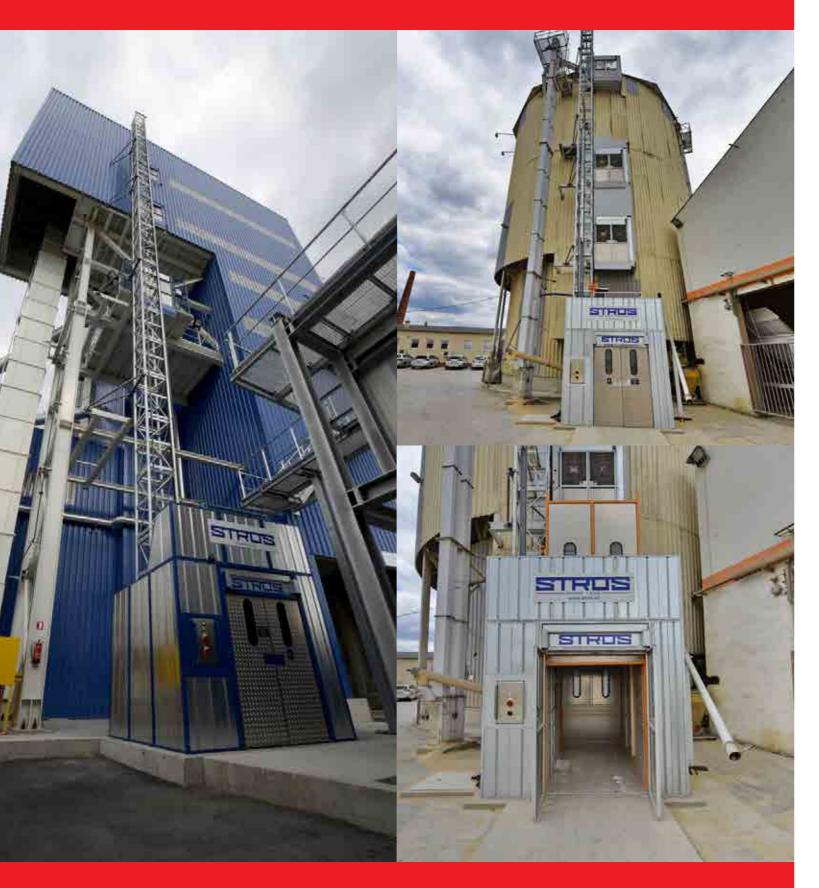


95 m

19,2 m/min

400 kg

## Industrial Elevators up to load capacity of 1,000 KG





Load capacity:	
Lifting speed:	up t
Max. lifting height:	

NOV up to 1,0
1,195 x 2,000 x 2,4
2,000 mm
according to confi
Frequency inverte
according to confi
according to confi
according to confi
BH, S, H
Single Automatic / Selec
1,250 mm

Hoist parameters can be customized

NOV industrial elevators are designed for reliable operation and long life cycles in the harsh environments of various industrial settings, such as power plants, cement plants, lime plants, coal handling facilities, steel mills, refineries, mines etc.

### NOV - UP TO 1,000 KG

#### LC: 1,000 kg / H: 350 m / S: 90 m/min

Control: fully automatic, using Selective Collective or semi-automatic, using direct floor selection (Single Automatic).

The motors can be controlled by a variable frequency drive (VFD), or connected direct on line (DOL).

We can completely design, manufacture and install the elevator specifically per the customer's requirements and needs.

Our elevators are available in various surface finishes, such as painted, hot-dip galvanized or stainless steel.

Quick and easy installation. Possibility of reaching great heights. No need for an enclosed shaft.

### **EQUIPMENT OPTIONS:**

- Overload protection
- Cable trolley on vertical rails beside the hoist car or on a mast under the hoist car
- Single-piece or bi-parting car doors
- Erection boom
- Automatic rack lubrication
- Air-conditioned or heated elevator car and control panels

### **MORE INFORMATION:**



### 1,000 kg

to 90 m/min

350 m

#### 000 kg

- ,400 mm
- figuration
- er or DOL
- figuration
- figuration
- figuration
- ective Collective

# Industrial Elevators up to load capacity of 2,500 KG





Load capacity:	
Lifting speed:	up
Max. lifting height:	

Technical data	NOV up to 2,5
Max. car internal dimensions	1,495 x 3,330 x 2,
Standard door clear height	2,000 mm
Motor power	according to conf
Motor control	Frequency inverte
Voltage system	according to conf
Rated current (400 V · 480 V)	according to conf
Main protection (400 V · 480 V)	according to conf
Mast	BH, S, H
Control	Single Automatic / Sele
Standard base landing height above ground	1,250 mm

Hoist parameters can be customized

NOV industrial elevators are designed for reliableperation and long life cycles in the harsh environments of various industrial settings, such as power plants, cement plants, lime plants, coal handling facilities, steel mills, refineries, mines etc.

### NOV - UP TO 2, 500 KG

### LC: 2,500 kg / H: 350 m / S: 90 m/min

Control: fully automatic, using Selective Collective or semi-automatic, using direct floor selection (Single Automatic).

The motors can be controlled by a variable frequency drive (VFD), or connected direct on line (DOL).

We can completely design, manufacture and install the elevator specifically per the customer's requirements and needs.

Our elevators are available in various surface finishes, such as painted, hot-dip galvanized or stainless steel.

Quick and easy installation. Possibility of reaching great heights. No need for an enclosed shaft.

### **EQUIPMENT OPTIONS:**

- Overload protection
- Cable trolley on vertical rails beside the hoist car or on a mast under the hoist car
- Single-piece or bi-parting car doors
- Erection boom
- Automatic rack lubrication
- Air-conditioned or heated elevator car and control panels

### **MORE INFORMATION:**



to 90 m/min

2,500 kg

350 m

#### 500 kg

- ,400 mm
- figuration
- ter or DOL
- figuration
- figuration
- figuration
- ective Collective

# Industrial Elevators with load capacity over **2,500 KG**





Load capacity:	over 2,500 kg (according to co
Lifting speed:	up
Max. lifting height:	

Technical data	NOV over 2,5
Max. car internal dimensions	according to conf
Standard door clear height	2,000 mn
Motor power	according to conf
Motor control	frequency inv
Voltage system	according to conf
Rated current (400 V · 480 V)	according to conf
Main protection (400 V · 480 V)	according to conf
Mast	BH, S, H
Control	Single Automatic / Sele
Standard base landing height above ground	1,250 mn
Hoist parameters can be customized	

Hoist parameters can be customized



### configuration)

o to 50 m/min

350 m

#### .....

#### 500 kg

- nfiguration
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- ective Collective
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NOV industrial elevators are designed for reliable operation and long life cycles in the harsh environments of various industrial settings, such as power plants, cement plants, lime plants, coal handling facilities, steel mills, refineries, mines etc.

### NOV - OVER 2,500 KG

LC: > 2,500 kg / H: 350 m / S: 50 m/min

Control: fully automatic, using Selective Collective or semi-automatic, using direct floor selection (Single Automatic).

The motors can be controlled by a variable frequency drive (VFD), or connected direct on line (DOL).

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We can completely design, manufacture and install the elevator specifically per the customer's requirements and needs.

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Our elevators are available in various surface finishes, such as painted, hot-dip galvanized or stainless steel.

Quick and easy installation. Possibility of reaching great heights. No need for an enclosed shaft.

### **EQUIPMENT OPTIONS:**

- Overload protection
- Cable trolley on vertical rails beside the hoist car or on a mast under the hoist car
- Single-piece or bi-parting car doors
- Erection boom
- Automatic rack lubrication
- Air-conditioned or heatedelevator car and control panels

### **MORE INFORMATION:**



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