

Can we
give you
a lift?

HALLITS

newton



The Newton family, from 250 down to 50 kg

Newton is engineered

with a commitment to ergonomics

CAUTION!

People are biological constructions. Their structure of muscle and bone is not adapted to strenuous lifting. Even relatively light lifting, if done improperly or over a period of time, can cause considerable damage.

LOST WORKDAYS.

More than half of all workdays lost to work-related health problems involve injured muscle, bone or connecting tissue, collectively known as musculoskeletal disorders (MSD).

"MSD IS THE GREATEST HEALTH AND SAFETY CHALLENGE FOR EUROPE".

Over 40 million EU workers are affected by MSD. These injuries (accidents not included) cost employers over €385 million or between 0.5% and 2% of the Gross National Product, "a significant burden on the EU economy".*

ON CAN TAKE IT – JUST NAME IT.

Anywhere lifting is done – office, factory, hospital, stage, warehouse, market, garage, shop, store, school, institution – Newton can do the heavy work and take the strain off people.

As the main cause of musculoskeletal disorders can be significantly reduced by eliminating lifting tasks, Newton can be called a health aid.

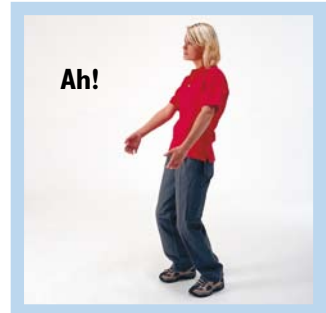
Because it improves local equipment transport and supply, it might also be called an efficiency tool.

Newton saves money by reducing the costs for lost workdays and can therefore also be called an economic implementation.

Call Newton whatever you'd like! We often use pet names for the things we love.

**The figures and quotations are from EU reports on Health and Safety in Europe.*

HURTY WORDS YOU DON'T WANT TO HEAR:



Technical Specifications



NEWTON 50

Height	1670 mm	Lifting speed	120 mm/sek
Length	754 mm	Lifting capacity	50 kg
Width	480 mm	Batteries (gastight lead)	2 x 7,5 Ah 12 V
Standard platform size	485 x 460 mm	Charging voltage	24 V (Electric safety class IP 41)
Minimum lifting height*	110 mm	Wheel diam. front/rear	50 mm/120 mm
Maximum lifting height*	1450 mm	Standard equipment	Lift with platform, swivel, casters, 230 VAC charger



NEWTON 70

Height	1870 mm, 2070 mm	Lifting speed	120 mm/sek
Length	875 mm	Lifting capacity	70 kg
Width	525 mm	Batteries (gastight lead)	2 x 7,5 Ah 12 V
Standard platform size	485 x 460 mm	Charging voltage	100 - 240 V (Electric safety class IP 41)
Minimum lifting height*	140 mm	Wheel diam. front/rear	80 mm/125 mm (rear locking)
Maximum lifting height*	1535 mm, 1735 mm	Standard equipment	Lift with platform, swivel, casters, 230 VAC charger



NEWTON 100

Height	1870 mm, 2070 mm, 2370 mm	Lifting speed	100 mm/sek
Length	875 mm	Lifting capacity	100 kg
Width	525 mm	Batteries (gastight lead)	2 x 7,5 Ah 12 V, 2 x 12 Ah 12 V
Standard platform size	485 x 460 mm	Charging voltage	100 - 240 V (Electric safety class IP 41)
Minimum lifting height*	140 mm	Wheel diam. front/rear	80 mm/125 mm (rear locking)
Maximum lifting height*	1535 mm, 1735 mm, 2035 mm	Standard equipment	Lift with platform, swivel, casters, 230 VAC charger



NEWTON 150

Height	1870 mm, 2070 mm, 2370 mm	Lifting speed	80 mm/sek
Length	875 mm	Lifting capacity	150 kg
Width	525 mm	Batteries (gastight lead)	2 x 7,5 Ah 12 V, 2 x 12 Ah 12 V
Standard platform size	485 x 460 mm	Charging voltage	100 - 240 V (Electric safety class IP 41)
Minimum lifting height*	140 mm	Wheel diam. front/rear	80 mm/125 mm (rear locking)
Maximum lifting height*	1535 mm, 1735 mm, 2035 mm	Standard equipment	Lift with platform, swivel, casters, 230 VAC charger



NEWTON 250

Height	1975 mm, 2175 mm	Lifting speed	70 mm/sek
Length	1102 mm	Lifting capacity	250 kg
Width	622 mm	Batteries (gastight lead)	2 x 17 Ah 12 V
Standard platform size	600 x 500 mm	Charging voltage	100 - 240 V (Electric safety class IP 41)
Minimum lifting height*	150 mm	Wheel diam. front/rear	75 mm/160 mm (rear locking)
Maximum lifting height*	1535 mm, 1735 mm	Standard equipment	Lift with platform, swivel, casters, 230 VAC charger



REFLEX 70

Height	1670 mm, 1970 mm	Lifting speed	100 mm/sek
Length	780 mm	Lifting capacity	70 kg
Width	595 mm	Batteries (gastight lead)	2 x 7,2 Ah 12 V
Standard platform size	485 x 460 mm	Charging voltage	230 V (Electric safety class IP 41)
Minimum lifting height*	140 mm	Wheel diam. front/rear	80 mm/100 mm (rear locking)
Maximum lifting height*	1465 mm, 1765 mm	Standard equipment	304 stainless steel, remote pendant, lift with platform, swivel, casters, 230 VAC charger



REFLEX 200

Height	1840 mm	Lifting speed	100 mm/sek
Length	1015 mm	Lifting capacity	200 kg
Width	520 mm	Batteries (gastight lead)	2 x 15 Ah 12 V
Standard platform size	525 x 540 mm	Charging voltage	230 V (Electric safety class IP 41)
Minimum lifting height*	100 mm	Wheel diam. front/rear	80 mm/100 mm (rear locking)
Maximum lifting height*	1500 mm	Standard equipment	304 stainless steel, lift with platform (fork), swivel, casters, 230 VAC charger

OTHER OPTIONS AVAILABLE. Build the Newton that best meets your demands!

The stackers are constructed and manufactured in accordance with the European Parliament and the Council of Europe's Directive 98/37/EU dated June 22, 1998 relating to machinery in approximation of Member State laws, and the Directive 2006/95/EG on guidelines applying to low voltage electrical equipment and the Directive 2004/108/EG on Electromagnetic Compatibility.

The relevant parts of the following harmonised standards have been observed when constructing and manufacturing:

EN1757-1	Safety of Industrial Trucks (Lifting Trolleys)
EN ISO 13857	Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs
EN 349	Safety of machinery - Minimum gaps to avoid crushing of parts of the human body.
EN 1175-1	Safety of industrial machinery trucks - Electrical requirements - General requirements.
EN 61000-6-3	Generic standards – Emission standard for residential, commercial and light industrial environments
EN 61000-6-2	Generic standards - Immunity for industrial environments

* with standard platform, other options available

Newton's family of accessories



JOHN

For boxes and trays, John is a prize, particularly for those of standard* EU-size.



JEEVES

Jeeves is one of our most trusted servants. If it's flat and stable, put it on his table.



BARBARA

Barbara's smooth and capable arms are the subject when there's a need to carry a cylindrical object.



NANCY

Nancy's kinda fancy, she can go two ways. Use her as a fork just by lifting up her tray.



ALEX

Alex can hold things that no one else can carry, tires, spools, rolls or suits for John, Chuck & Benny.



MILKY

No stranger to helping out in the kitchen. For example, he lifts 20 litre milk packages.



BENNY

Drums, pails, jars, buckets – it doesn't even have to be round – Benny can grab them all and turn them upside down.



LINDA

Linda's arms are well shaped and stable. Curved things ride securely in her cradle.



JENNY

Keep your body and the goods whole. Give Jenny's height and strength a leading role.



LIZ

From horizontal to vertical or the other way around, Liz'll lift it and turn it barely making a sound.



MARY

Mary manually turns your drum as easy as brushing off a bread crumb.



ARNOLD

This expander lifts, turns, rotates and positions to deal with varied objects and diverse conditions.

**All the basic configurations can be modified to specific customer requirements.*



Newton boosts efficiency and lifts your business!

