

BUS Lift®





BusLift® a division of the Sefac® group was founded in September 2004 to develop and market a new mobile column lift for heavy duty vehicles (buses & coaches, trucks ...) to be sold through a network of Agents and Distributors.



Through the unprecedented know-how and expertise of its parent company, originated in 1971, this new lift is the result of a computer-aided design validated by numerous tests in our laboratory and in the field.



Our products are manufactured in the premises of Sefac® group thus enabling the use of a highly efficient production line and a proven quality control system.

BusLift® includes 3 lines of products :

Easy :

Mobile column lift with neat and usefull features.

(set of 4 mobile columns 5.5 or 6.5 tonnes non expandable to 6 columns).

Because 95% of commercial vehicles need 4 columns only to be lifted, BusLift® has designed the EASY mobile column lift that will be able to satisfy most of your requirements.

You may operate the lift by means of "dead man" type push buttons or through a remote control supplied with a 3 meters long-cable.

Easy + :

Advanced lift allowing the expansion to 6 columns and the lifting by pair among other useful additional characteristics.

(set of 4 mobile columns 5.5, 6.5 or 7.5 tonnes).

Easy+ offers advanced functions suitable to meet most stringent requirements :

- operation from the remote control connectable on each column
- pair operation
- expansion to 6 columns
- ...and many more

Easy ancillaries : Axle stands, fork reducers, lifting beam, transmission jack, ...

Benefits

Easy to install

Just plug and play.
No programming or configuration is required!

Easy to use

2 push buttons to lift up or down
the vehicle and that's it!

Easy to handle

335 kg only and an ergonomic drawbar.
(that's 20 to 30 % less than any other make).

Easy to store

Thanks to its reduced dimension, you can easily
store your lift and use the free area when your
maintenance operation is done.

Easy to maintain

No special tools or proprietary consumable.
No training required to maintain your equipment
as maintenance is ... extremely simple.



Technology



Easy to adjust

Choose your lifting height



Easy to handle

Optimum manoeuvrability



Easy to use

Lifting fork designed to match super single tyre type



Easy to install

Low foot suitable for the lifting of low floor buses

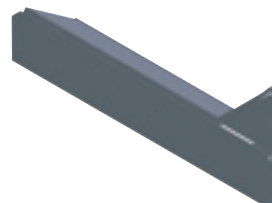


Easy to maintain

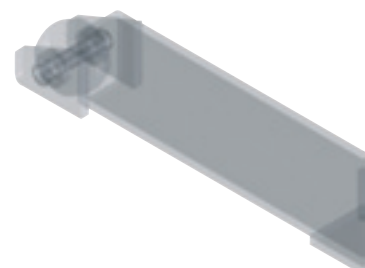
Pump it up... twice a year

Low friction
maintenance free
guiding system

Phosphor bronze load
nut and safety device



Cold rolled screw for a
superior durability



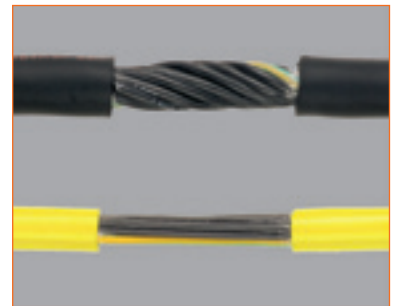
Easy to operate

Friendly to use
control panel



Easy to use

Untwisted wires for
a better resistance
to wheel-on abuse



Easy to maintain

Industrial
programmable relay
(no proprietary
electronic card)



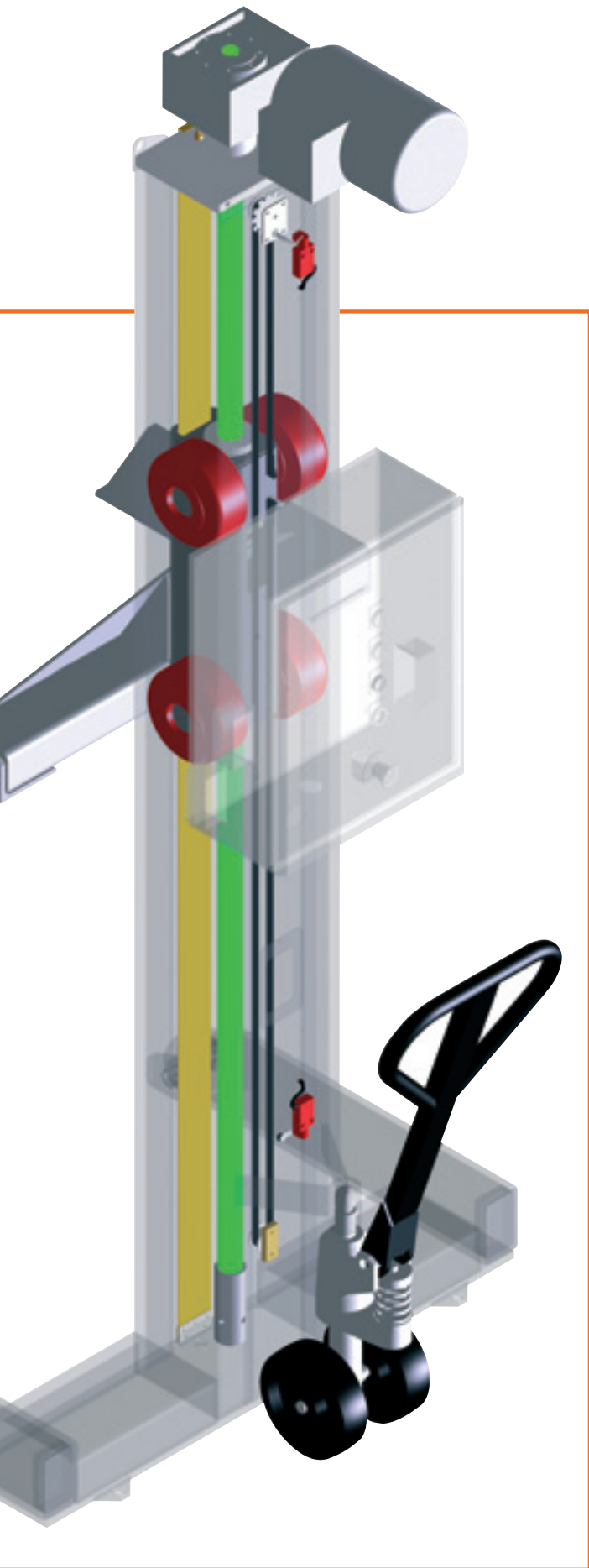
Easy to install

Safety phase relay



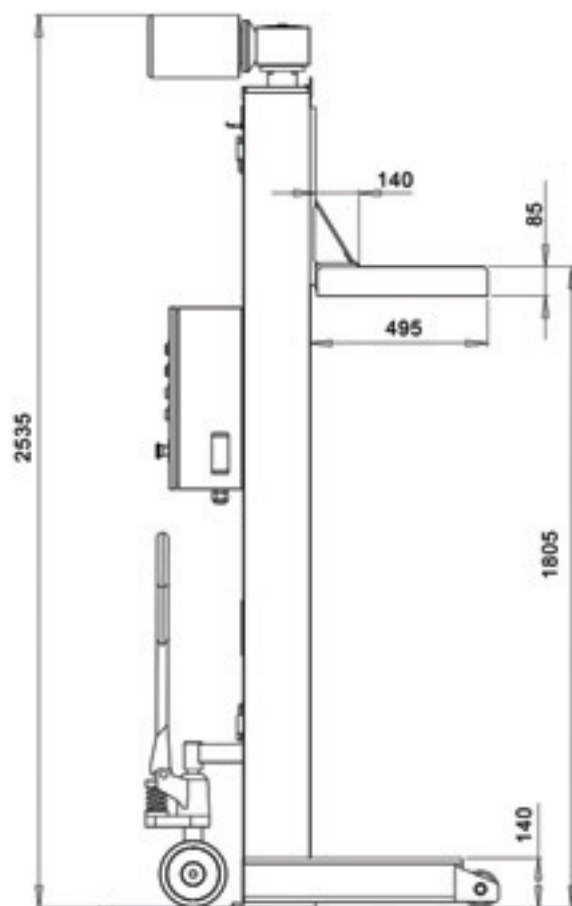
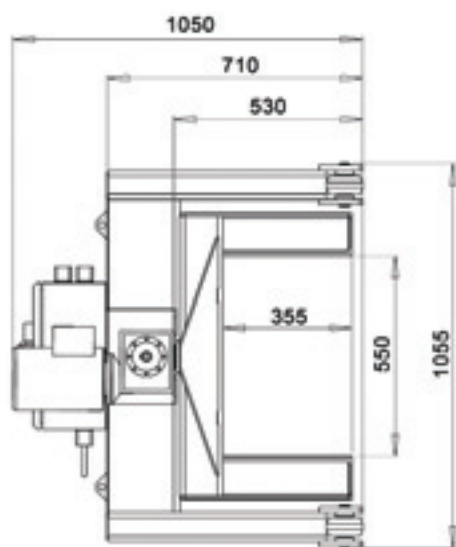
Easy to control

± 25 mm synchronisation



SAFETY FIRST

- Low friction guiding system
- Phosphor bronze nut and safety device
- Irreversible lifting nut and screw technology
- Full synchronisation control system
- Low and high limit switch
- Dead man type Up & Down push buttons
- Emergency stop on each column
- Dust-water protection level IP 55
- Full **CE** certification
- Australian Queensland's certification
- GOST certification (Madi-Fond, Russie)



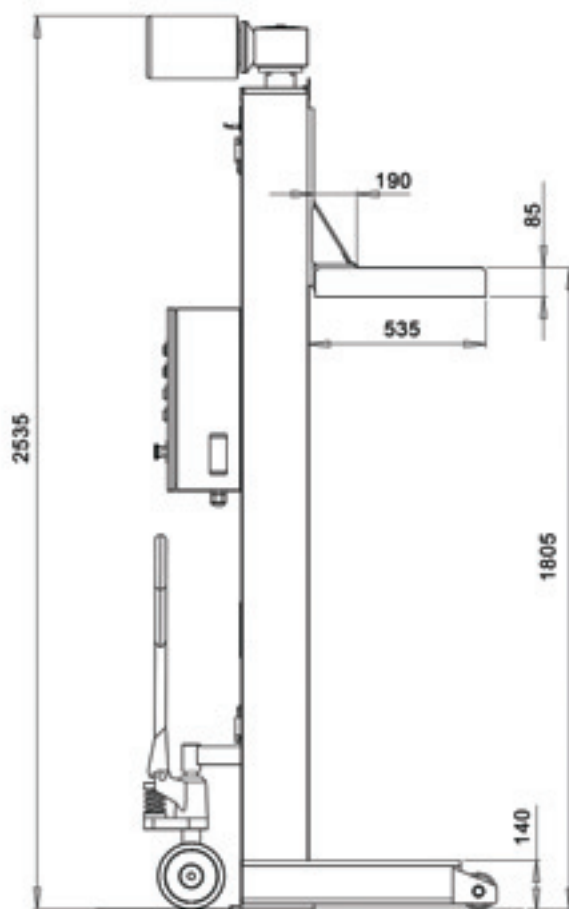
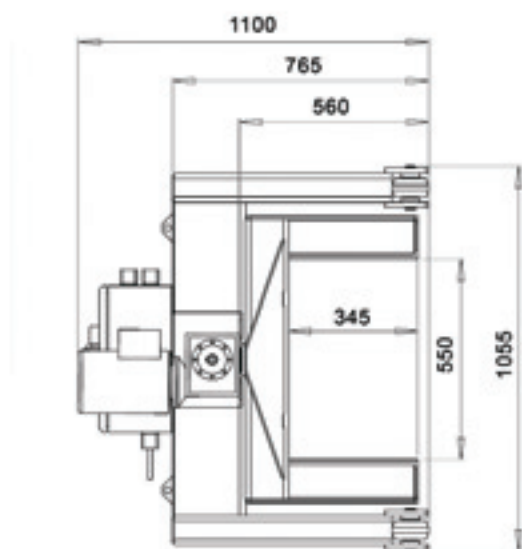
Product reference	BL 455 NE	BL 465 NE	BL -55 E	BL -65 E	BL -75 E	BL -65 EHS
Series	Easy	Easy	Easy +	Easy +	Easy +	Easy +
Capacity (metric tonnes)	5.5	6.5	5.5	6.5	7.5	6.5
Expandable to 6	-	-	•	•	•	•
Operation in "individual"	•	•	•	•	•	•
Operation in "pair"	-	-	•	•	•	•
Operation in "group"	•	•	•	•	•	•
Mechanical pallet jack	•	•	-	-	-	-
Hydraulic pallet jack	o	o	•	•	•	•
Lifting speed (mm/min)	500	500	500	500	680	1000
Connection	Star	Star	Loop	Loop	Loop	Loop
3 phases 50/60 Hz voltage	400	400	230 - 400	230 - 400	230 - 400	230 - 400
Other voltage	-	-	o	o	o	o
Power per column (kW)	2.2	2.5	2.2	2.5	2.9	2.9
Net weight (kg)	335	355	335	365	385	355



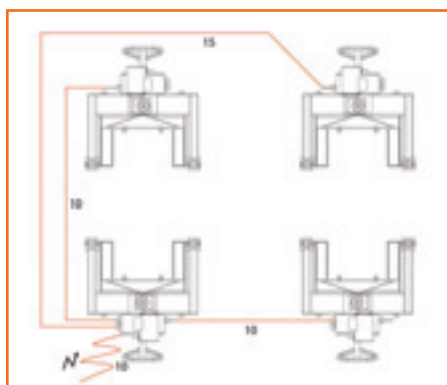
Easy 4 x 5.5 t - ref. BL455NE



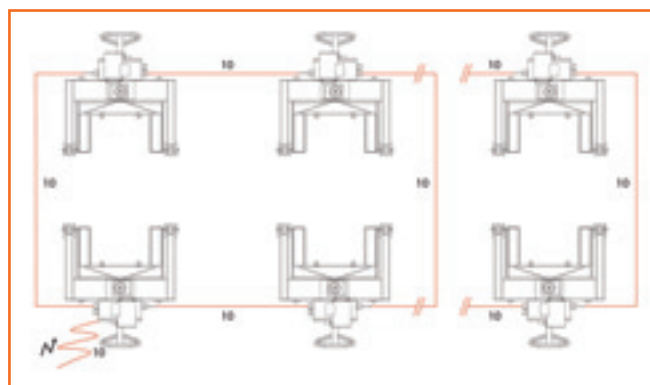
Easy 6 x 5.5 t - ref. BL655E



Easy Star connection



Easy + Loop connection



Easy 4 x 7.5 t - ref. BL475E



Easy 6 x 6.5 t - ref. BL455NE



Remote control • BL RC

Remote control with 3 meters long-cable to operate the columns all together.

For EASY lifts only. This option must be ordered with the lift.

Palette jack • BL HD



Jacking unit with safety handle on each column instead of one mechanical drawbar per lift.

For EASY lifts only. This option must be ordered with the lift.

Adaptors for light vehicles • BLFRC01



Wheel capacity:	from Ø 600 to 750 mm
Lifting capacity:	2 tonnes per column
Gross weight per unit:	10 kg

Adaptors for small vans • BLFRV01



Wheel capacity:	from Ø 730 to 900 mm
Lifting capacity:	4,8 tonnes per column
Gross weight per unit:	10 kg

Plastic cover protection • BLPC01



Set of 4 plastic cover protection for an intensive use of the columns into a wash bay.

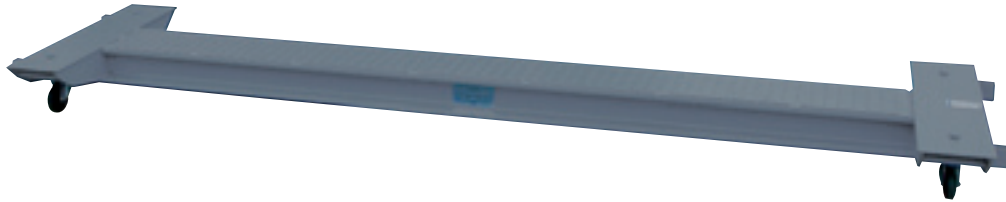
Easily positionable on the column thanks to its velcro strip at the front.

At the back, a transparent plastic panel gives visualization and access to the control panel.

Lifting beam for bus • BLLB01

The lifting of low floor vehicles is allowed thanks to the small height of the lifting beam (do not overload the beam: see diagram bellow).

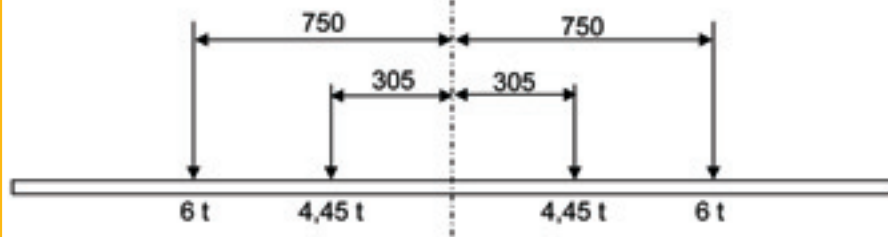
Easily movable thanks to 4 swivelling wheels.



Section



Load diagram



Length / longueur	3400 mm
Width / largeur	800 mm
Height / hauteur	190 mm
Weight / poids	250 kg

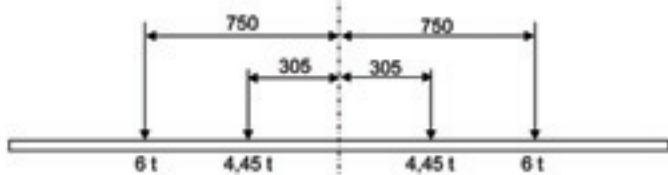
Lifting beam for trailer • BLLB02

Thanks to its design, trailers can be lifted using the full stroke of the mobile columns. (do not overload the beam: see diagram bellow).

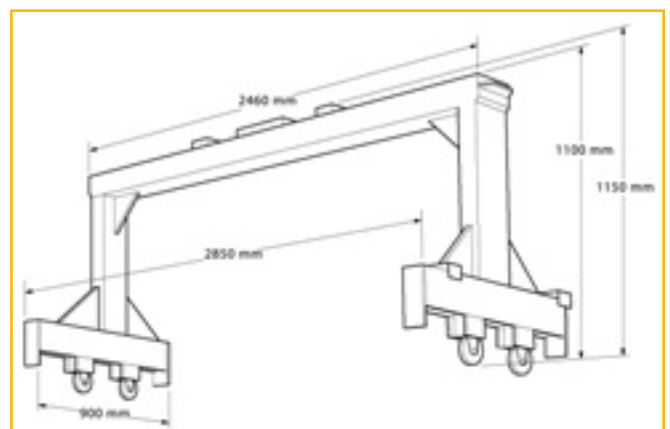
Easily movable thanks to 4 swivelling wheels.



Load diagram



250 kg



Tall and small axle stands



BL 060



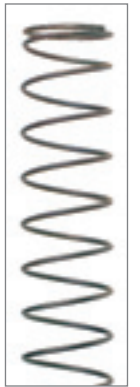
BL 100



BL 150



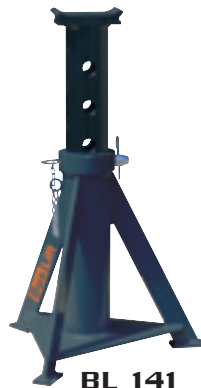
Screw Type top



Spring loaded assisted



BL 142



BL 141



BL 140

Model	BL 140	BL 141	BL 142	BL 060	BL 100	BL 150
Capacity	14t	14t	14t	6t	10t	15t
Height Mini. (mm)	300	450	685	1130	1380	1385
Height Maxi. (mm)	445	730	1125	1840	2100	2025
Width (mm)	-	-	-	-	-	-
Stroke (mm)	145	280	440	710	720	640
Positions (mm)	5	8	12	10	10	10
Weight (kg)	12	20	24	56	65	55

Transmission jack • BLTJ15

The BusLift® transmission jack is specially designed to be use with mobile columns.

Thanks to its multi position swivel head, you can accurately adjust it to the assembly you want to remove.

Delivered with a set of chains, adjusters and shackles, this essential tool is ready to use.



Specification

JACK

Capacity	1500 kg
Minimum height	1000 mm
Maximum height	2020 mm
Stroke	1220 mm
Safety valve	•
2-speed pump	•
Overload limit	•
Piston diameter	1st 50 mm
	2nd 80 mm
Down : "Deadman position"	•
Wheel diameter	200 mm
2 swivel wheels with latches	
2 fixed wheels	

SWIVEL HEAD

Lateral and longitudinal inclination	±10°
Longitudinal stroke	200 mm
Lateral stroke	110 mm
Overall length	850 mm
Overall width	480 mm
Delivered with 2 chains (adjusters & shackles included)	

Dimension

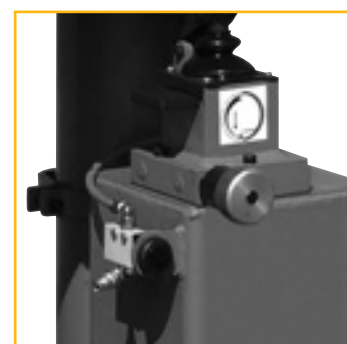
Length	1250 mm
Width	850 mm
Weight	175 kg



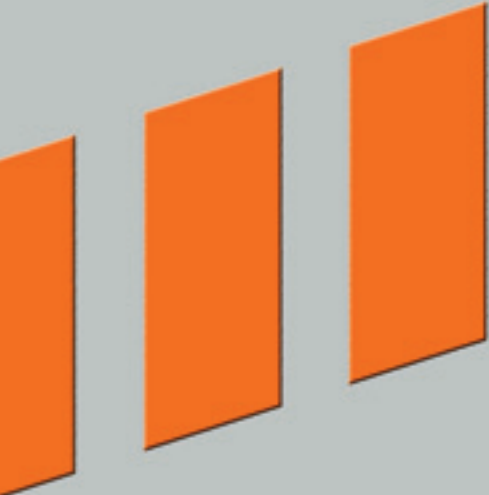
Speed manual pump



Multi position swivel head included



Option: quick pneumatic approach



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