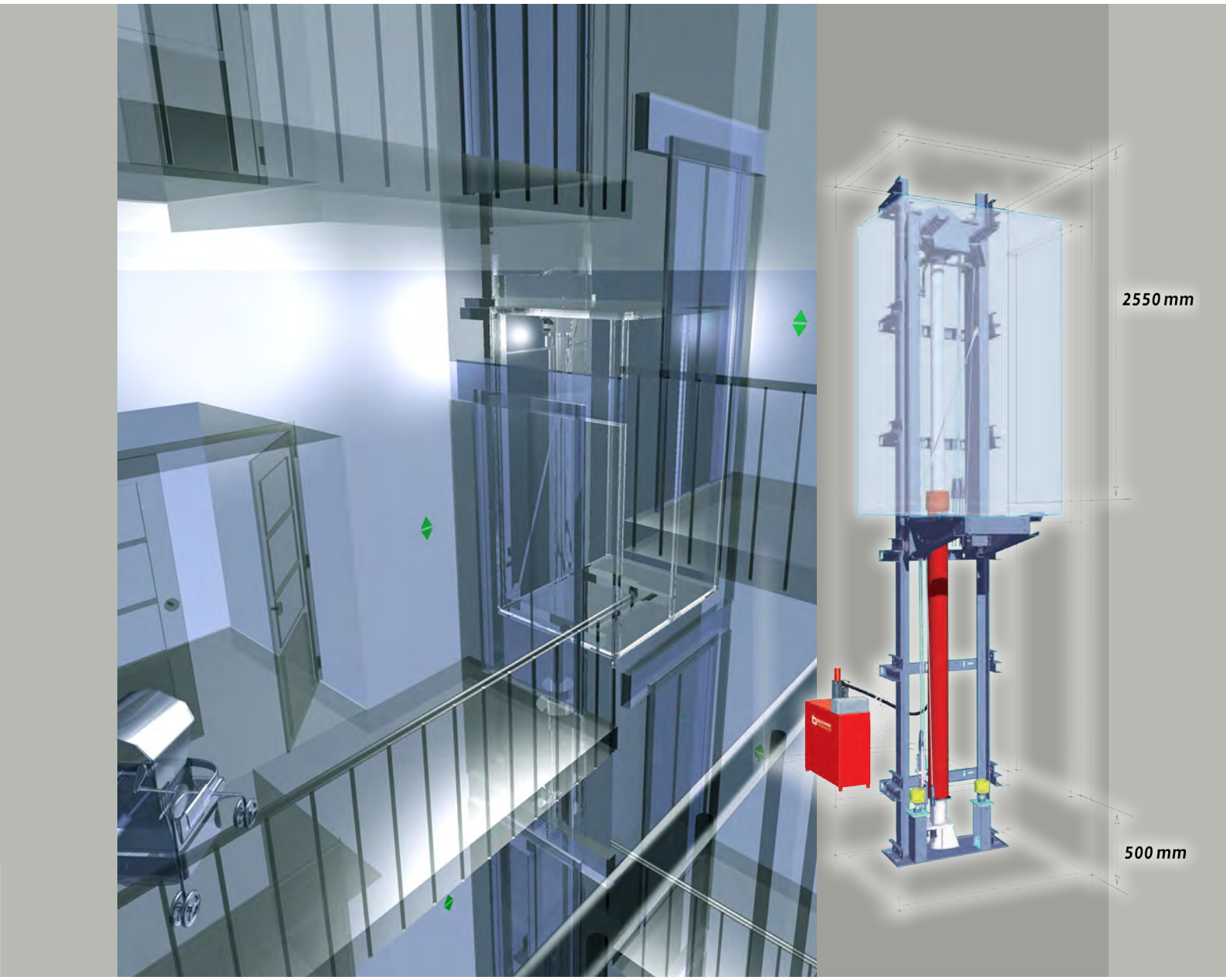
BUCHER HYDRAULICS

NEW!
Shaft head 2550 mm
Shaft pit 500 mm

Pluto MK-II series car frame

For applications with cantilevered car frame arrangement



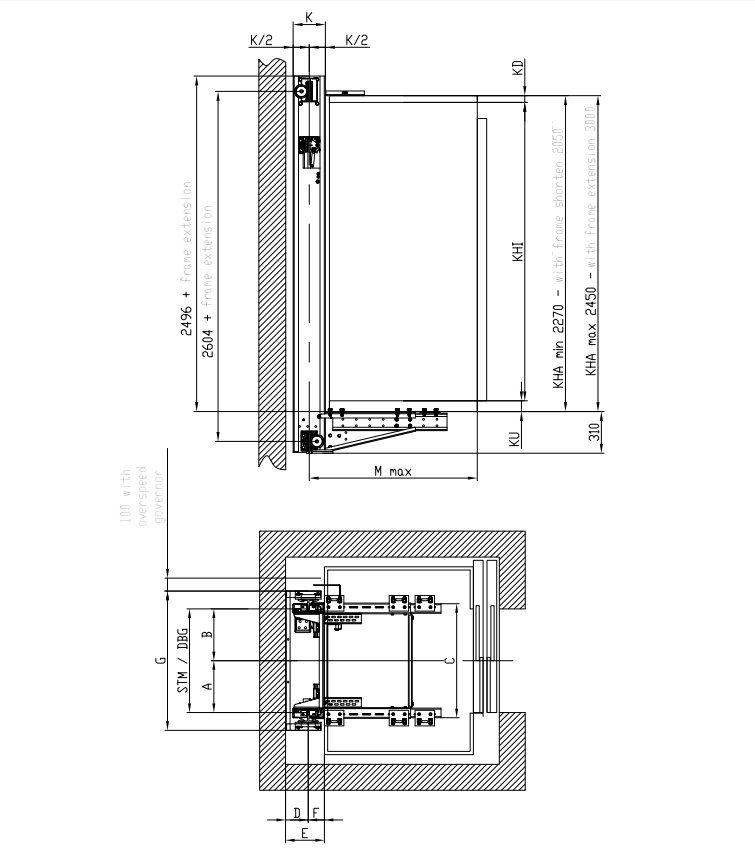
motion and progress

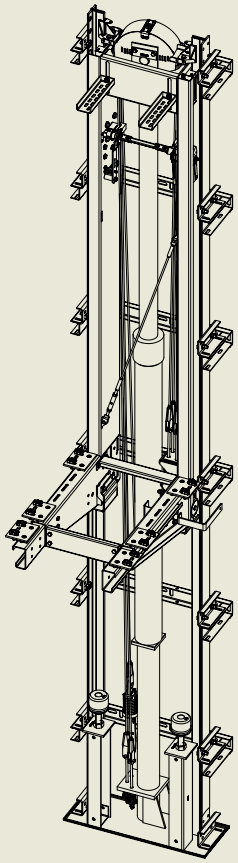
Key design parameters car frame cantilevered indirect

Layout Data Pluto BR2 MK-II (2:1)

Available car frame sizes:

Max. total weight	1500 kg	1500 kg	1500 kg	2500 kg	2500 kg	3500 kg	3500 kg
Typical load	320 kg	630 kg	630 kg	1000 kg	1000 kg	1600 kg	1600 kg
Distance b. guides	500 mm	650 mm	800 mm	800 mm	1100 mm	1100 mm	1500 mm
Car frame type	BR2-15	BR2-15	BR2-15	BR2-25	BR2-25	BR2-35	BR2-35





Dimensions in mm:

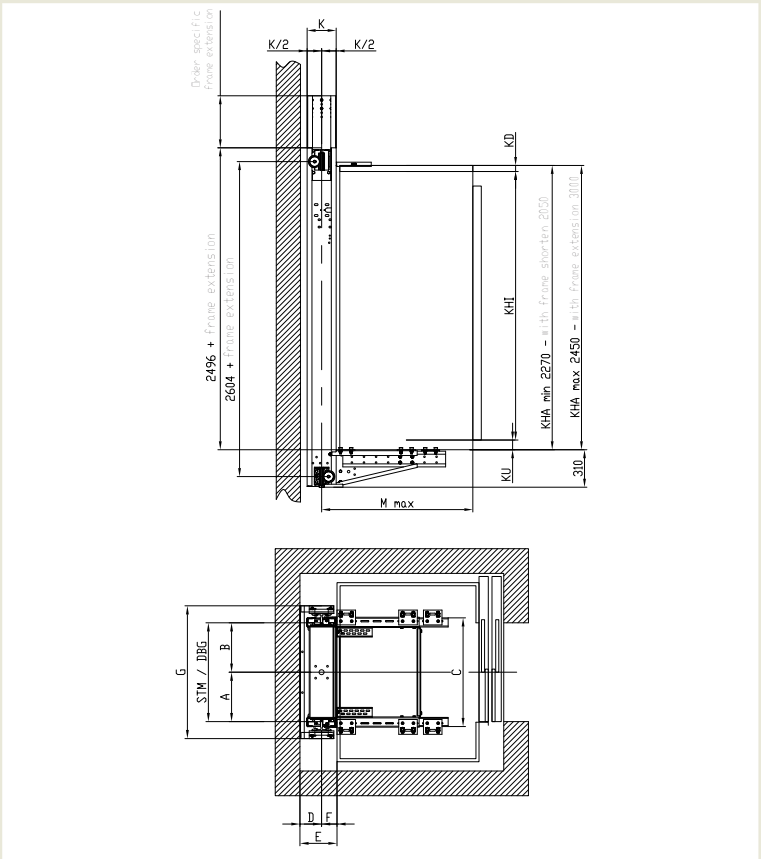
Car frame type	SM	A	B	C	D min	E	F min	G	K	M max
BR2-15-500	500	271	229	590	175	300	125	789	240	1585
BR2-15-650	650	325	325	740	175	300	125	939	240	1585
BR2-15-800	800	400	400	890	175	300	125	1089	240	1585
BR2-25-800	800	400	400	890	200	350	150	1089	290	1900
BR2-25-1100	1100	342	758	1190	200	350	150	1389	290	1900
BR2-35-1100	1100	400	700	1212	250	425	175	1389	340	2225
BR2-35-1500	1500	520	980	1612	250	425	175	1789	340	2225

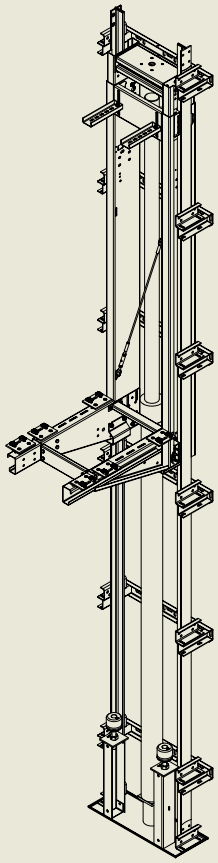
Key design parameters car frame cantilevered direct

Layout Data Pluto BR1 MK-II (1:1)

Available car frame sizes:

Max. total weight	1500 kg	1500 kg	1500 kg	2500 kg	2500 kg	3500 kg	3500 kg
Typical load	320 kg	630 kg	630 kg	1000 kg	1000 kg	1600 kg	1600 kg
Distance b. guides	500 mm	650 mm	800 mm	800 mm	1100 mm	1100 mm	1500 mm
Car frame type	BR1-15	BR1-15	BR1-15	BR1-25	BR1-25	BR1-35	BR1-35



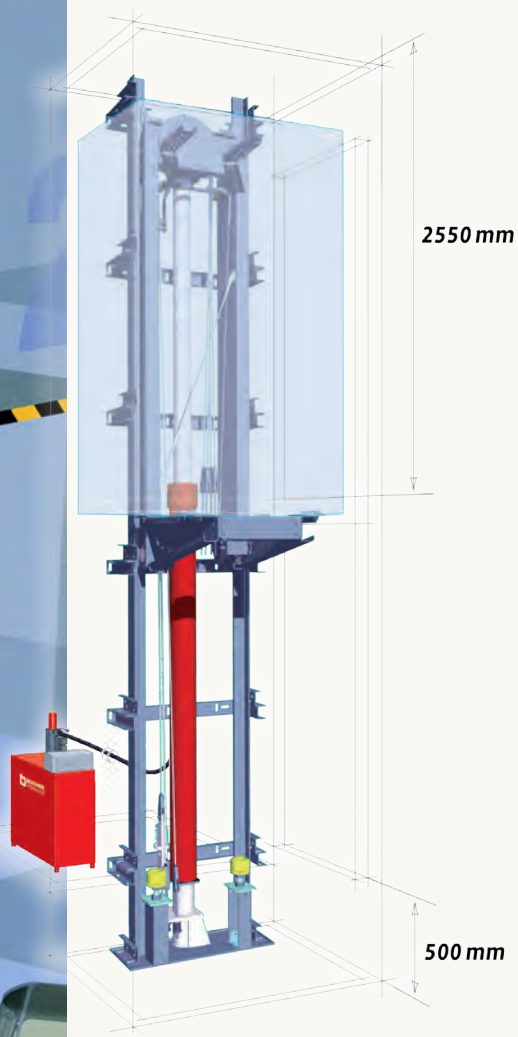


Dimensions in mm:

Car frame type	SM	A	B	C	D min	E	F min	G	K	M max
BR1-15-500	500	250	250	590	175	300	125	789	240	1585
BR1-15-650	650	325	325	740	175	300	125	939	240	1585
BR1-15-800	800	400	400	890	175	300	125	1089	240	1585
BR1-25-800	800	400	400	890	200	350	150	1089	290	1900
BR1-25-1100	1100	550	550	1190	200	350	150	1389	290	1900
BR1-35-1100	1100	550	550	1212	250	425	175	1389	340	2225
BR1-35-1500	1500	750	750	1612	250	425	175	1789	340	2225

Slim and flexible: The new Pluto MK-II

Advantages of the new design



- **Minimum shaft head 2550 mm**
  - Acc. EN-standards: 3350 mm
  - With compensating measures: 2550 mm (Certified by TÜV Süd)
- **Minimum pit depth: 500 mm**
  - Acc. EN-standards: 1000 mm
  - With compensating measures: 500 mm (Type-approved by TÜV Süd)
- **High flexibility even in small shafts**
  - Smallest distance between guiderails: 500 mm
  - Further distances: 650, 800, 1100, 1500
  - Rail brackets available for different wall distances
- **Higher load capacity**
  - Car frame weight reduced by 20 %
- **Easy and fast installation**
  - Pre-assembled components
- **Simple service**
  - Guiding components are easy to reach and replace

Project design and installation
The complete documentation can also be downloaded from the internet on *www.bucherhydraulics.com* (registration required).

Flexible choice of the hydraulic drive
The following Bucher Hydraulics power units can be applied:

Compact Line
The good-value package solution featuring the innovative plastic tank and the electronically controlled lift valve C-LRV, VF C-LRV or iValve for standard passenger lifts.

Comfort Line
The standard power unit with the electronically controlled lift valve LRV-1 or iValve offers many options.

Eco Line
The high performance and low-noise drive solution with the electronically controlled lift valve VF-LRV reduces energy consumption by 80%.

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