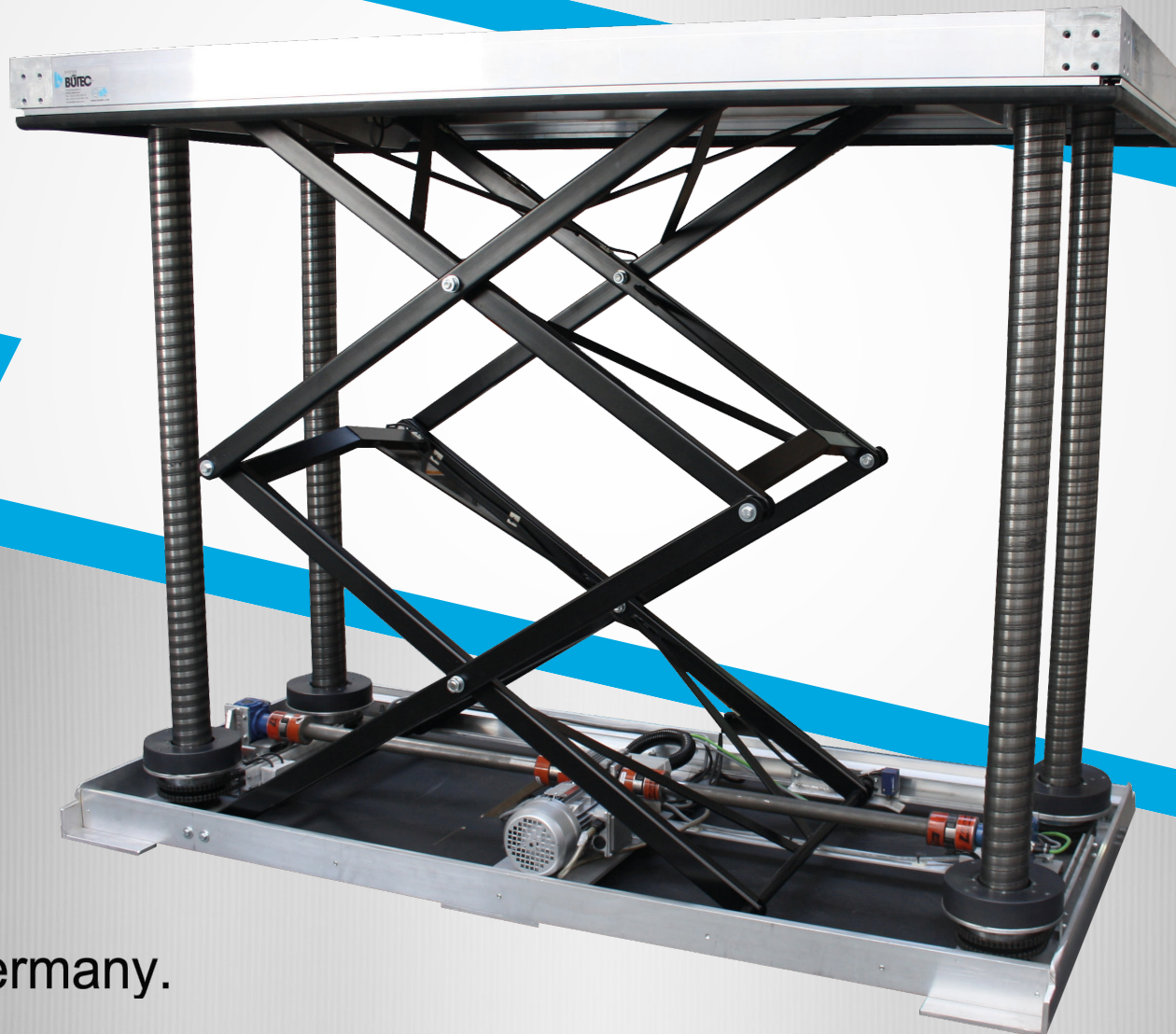


SOLODRIVE ONE

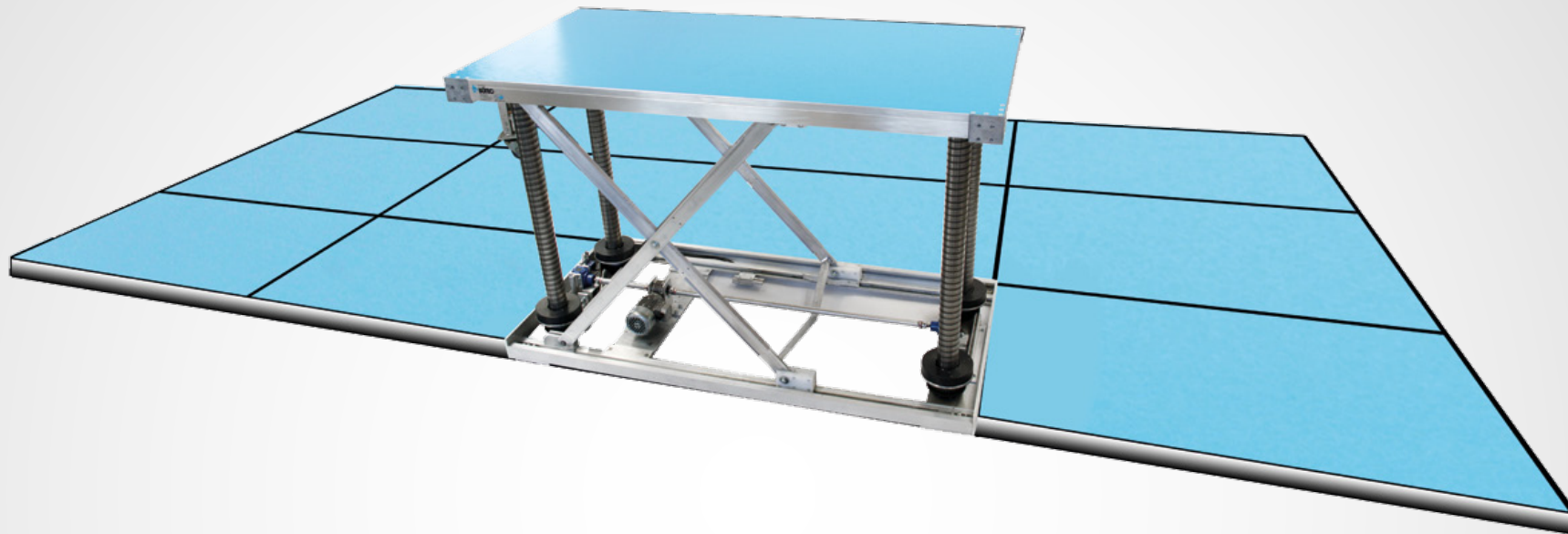
The stationary motor pedestal



 Quality.
Made in Germany.

 **BÜTEC**

SOLODRIVE ONE



As one of the leading manufacturers BÜTEC sets new standards in the field of motor driven stage platforms. Already for more than 35 years the company is known for its good quality and trend-setting engineering achievements in the branch of stage technology equipment. In contrast to previous motor-driven stage systems, the **SOLODRIVE ONE** offers a completely new performance potential.

By means of four form-fitting spiral lifts, the lifting platform controls any desired height position STEPLESS from 0 to 1.60 m. A jerky locking with locking bolts is not necessary. At a lifting speed of 1 cm/ sec., one unit moves a load of 200 kg/m² area for the first time.

The extremely stable scissor construction takes over the horizontal forces.

The static load is 750 kg/m². The control (patent pending) is optionally carried out by means of mobile communication devices such as smartphone or tablet via WLAN. It offers single and multiple control (groups) of the hall floor adjustment, the speed and the desired height positioning are operated via touch screen control.

Safety First! An integrated shearing edge safety device immediately stops the lifting and lowering process in case of external contact of the edges and thus fulfils the safety regulations.

DETAILS

Professional stage technology in detail:

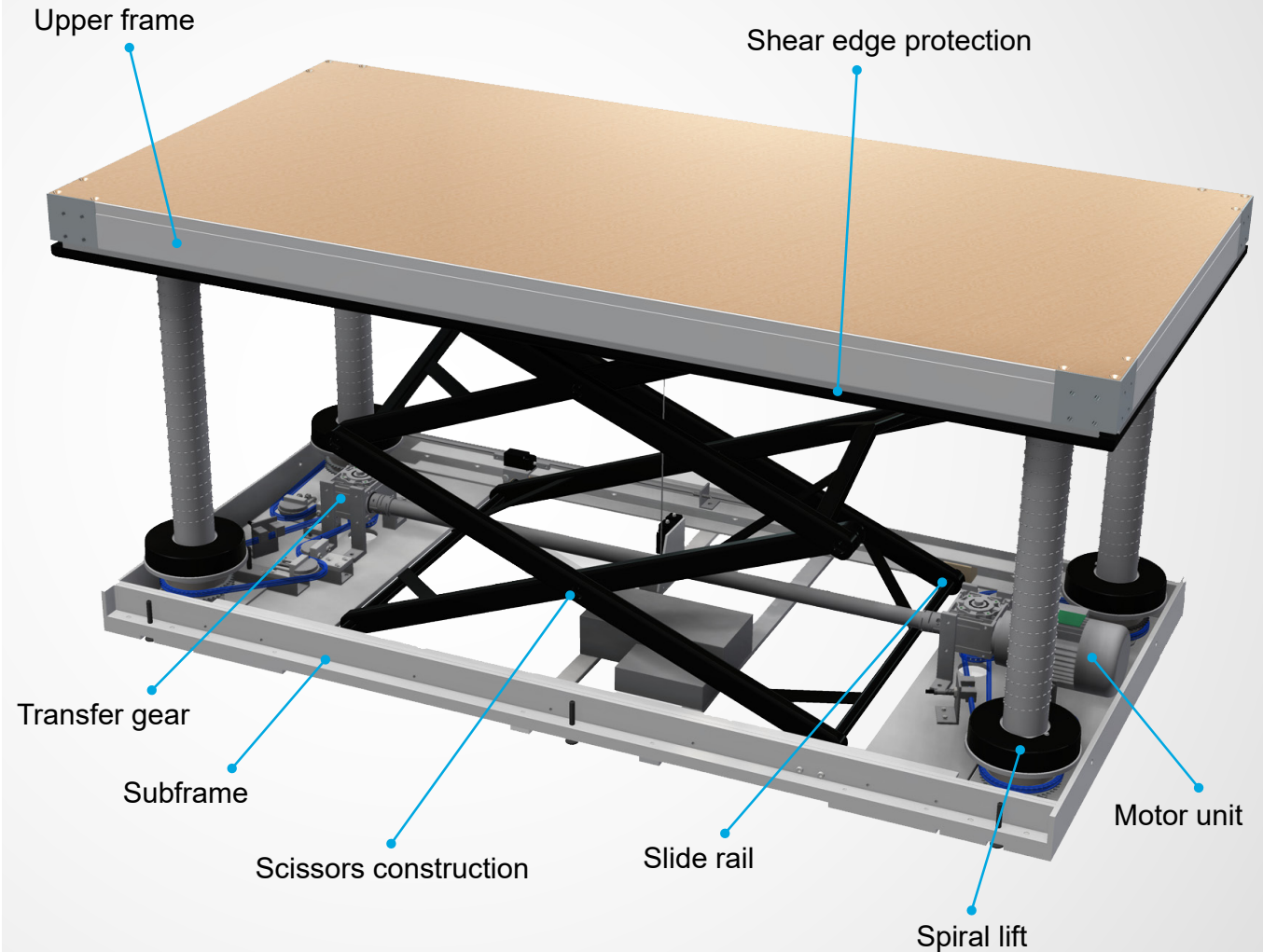
The motor platform consists of a lower and upper frame, each made of special aluminium profiles.

The profile frames have lateral running rails with gliders and gliding rails, which ensure the guidance of the scissor construction.

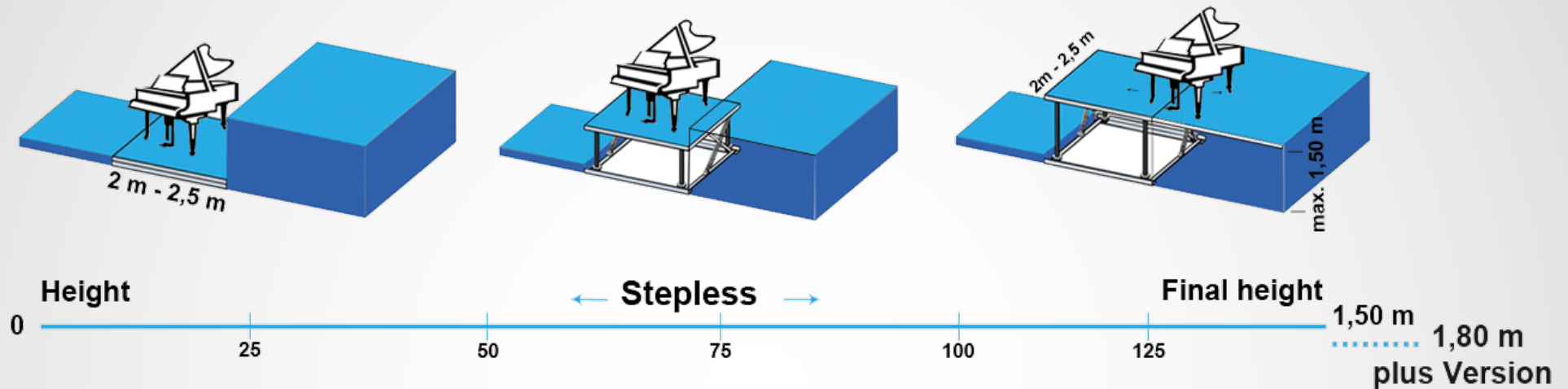
The lower frame accommodates the pedestals of the 4 spiral lifts. The motor unit and the terminal box are located on the middle cross beam.

The driving force is transmitted to two angular gears via a transfer gear and two drive shafts. The pedestal is self-locking in any position.

On request, all undersides of the lifting platform can be equipped with safety edges as shear edge protection. 4 compact corners with threads are used to accommodate stage railings, platform claddings and accessories.



IN ACTION



How does the grand piano get into position easily?

With the integrated lifting device for the safe transport of heavy musical instruments to the stage area!

The **SOLODRIVE ONE** can also be manufactured in larger units due to its extremely stable frame construction and powerful lifting spirals.

Ideal for picking up high-quality objects. Each of the four lifting spindle devices lifts 200 kg as standard.

Other lifting loads are of course possible on request. With an installation depth of 20 cm the **SOLODRIVE ONE** is on the same level as the floor.

Every existing Surface material such as parquet, laminate, linoleum, carpet or plexiglass can be applied to the carrier material.

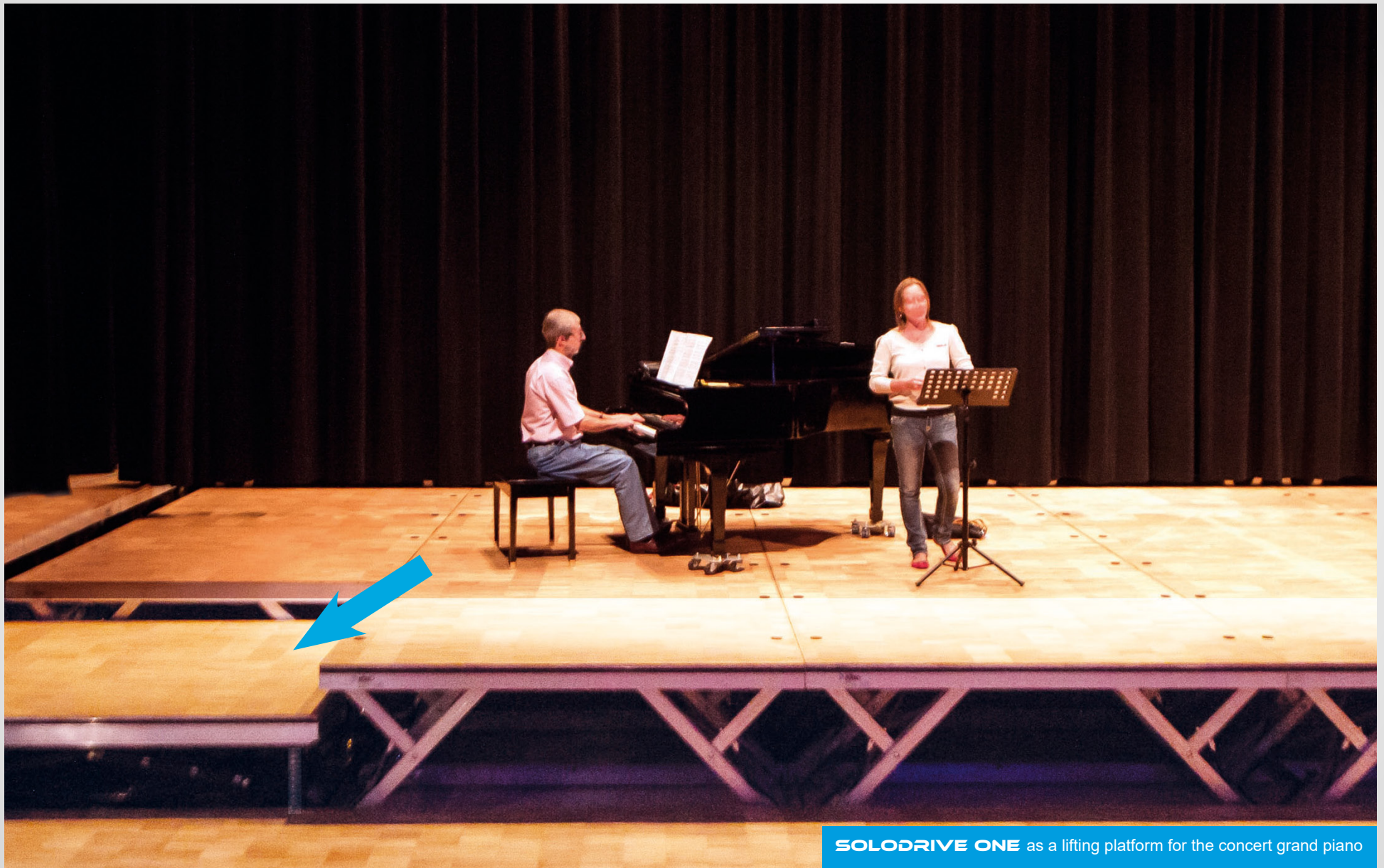
Completely barrier-free, an instrument can therefore be moved onto the **SOLODRIVE ONE** without much effort.

The height adjustment via control bulb and control panel or via smartphone / tablet (see control) is smooth and infinitely variable up to a final height of 160 cm.

The lifting process stops at the desired position with millimetre precision. Integrated compact corners with threads allow easy attachment of railings to the frame construction.

Facings can also be screwed on or fixed by magnetic connection.

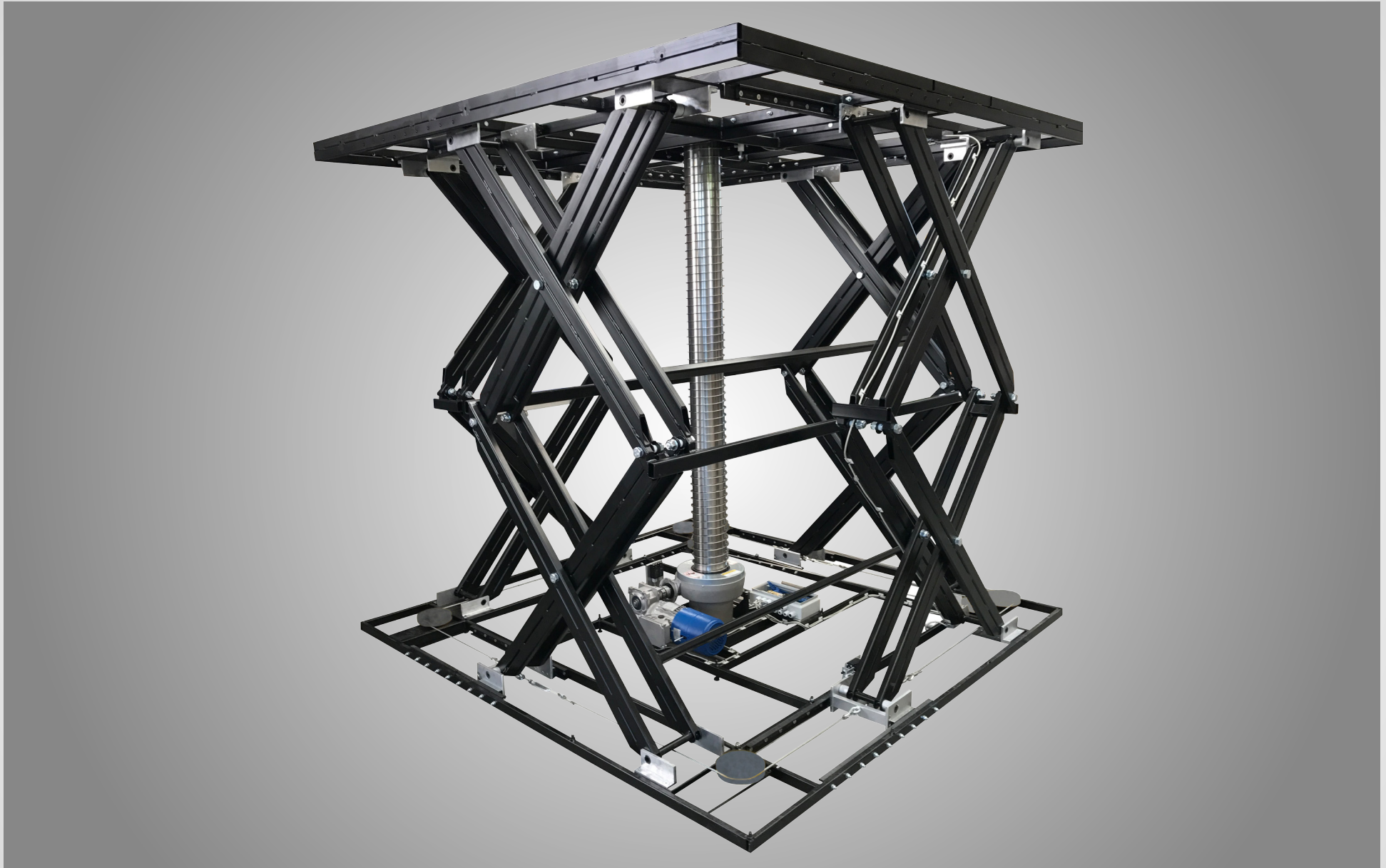
IN ACTION



SOLODRIVE ONE as a lifting platform for the concert grand piano



Production in series...



...or also as special design.

CONTROLS



2-way manual control (wired)

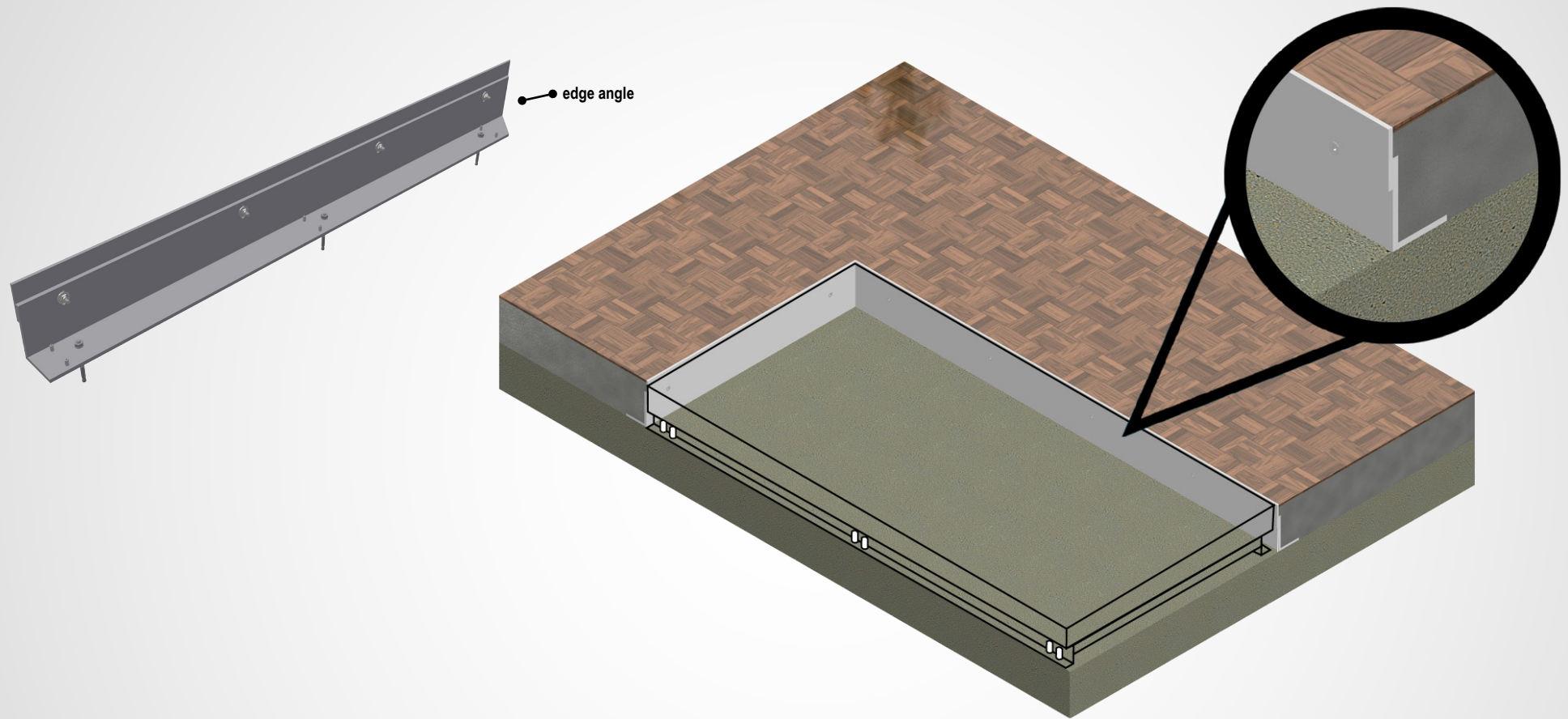
- easy to operate
- infinitely variable height adjustment
- emergency stop switch
- connected by cable to the central control



Touch screen control (wired)

- easy operation
- infinitely variable height adjustment
- programmable height settings
- programmable stage sets
- can be operated via touch screen
- emergency stop switch
- connected to the central control by cable

INSTALLATION










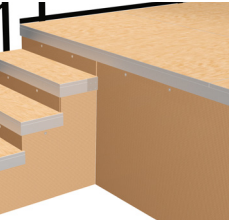




With BÜTEC edge angles made of aluminium an installation pit for the BÜTEC **SOLODRIVE ONE** pedestals can be realised without problems. The edge angle is fixed with screws in the floor and a clean finish is made, which separates the installation pit from the surrounding floor area.

TECHNICAL SPECIFICATIONS

Series size:		dimensions: 2000 x 1000 mm	as stationary lifting device
Special sizes:		designs over 2 x 1 m possible	as stationary lifting device
Installation depth:		20 cm	
Lift :		20 - 130 cm infinitely variable	total lift height: 130 cm
Lift plus:		20 - 160 cm infinitely variable	total lift height: 160 cm
Lift speed:		1 cm/sec.	
Load:		static 750 kg/m²	
Max.load during travel:		200 kg/m²	
Control:		operator bulb, panel on request	
Drive:		Silent Drive 500 W	
Adjustment:		infinitely variable - no locking bolts	
Control options:	★	control pad	up & down / stop
	★★★	control pad	up & down / stop / speed control
	★★★★★	remote control via tableau with cable, optional wireless operation via smartphone or tablet	WLAN / up & down / speed control / stop / single travel / group travel / position selectable + storable / topography storable / synchronous travel time + distance equalisation
Safety device:		selectable with or without shear edge protection (at extra charge)	
Surface covering:		standard beech wood blockboard 22 mm or 25 mm	on request: parquet flooring, screen printing plate, multiplex, carpet, plexiglass, laminate, linoleum, tile
Scissors:		epoxied steel	
Profile frames:		aluminium profile anodised incl. compact corners with thread for accessories	
Railing:		steel or aluminium in all heights and shapes	
Side paneling:		screw or magnetic fastening	all materials
Weight: :		195 kg	
Maintenance:		according to BGV-C1 annually	

ACCESSORIES

Surfaces	beech wood blockboard	screen printing board	STAB lightplate	parquet covering
				
	linoleum covering	laminate covering	needle felt inlay/ carpet	further coverplates on request
				
Equipment trays				
Banister	banister guardrail	tribune guardrail II	banister guardrail with safety grid	grandstand railings
				
Panels	frame visible	frame concealed	textile-cladding	magnet-cladding
				

REFERENCES



REFERENCES



SOLODRIVE ONE
as fully variable stage area



SOLODRIVE ONE
as small lifting platform for
wheelchair users



SOLODRIVE ONE
as interchangeable system



SOLODRIVE ONE
integrated as lifting platform
in stage area



SOLODRIVE ONE
as grandstand for the comple-
te hall floor adjustment

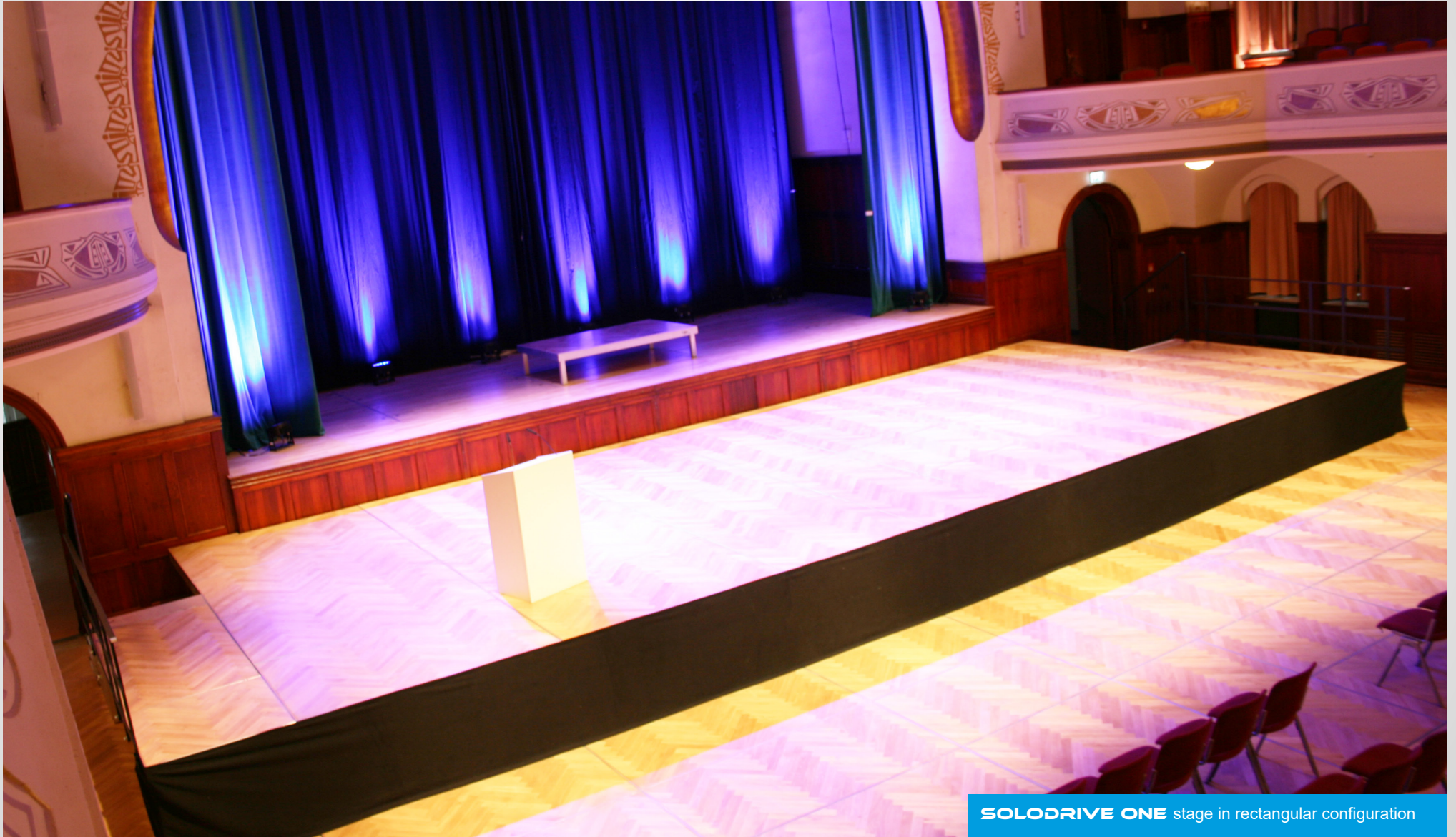
REFERENCES



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REFERENCES



SOLODRIVE ONE stage in rectangular configuration

REFERENCES



SOLODRIVE ONE stage in rounded configuration

REFERENCES



REFERENCES



**WE ENGINEER THE FUTURE
FOR PROFESSIONAL STAGE
TECHNOLOGY**



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