



**BAHR**  
Modultechnik

## THE NEW LIGHTNESS IN THE BICYCLE WORKSHOP

A 230 volt socket is all you need to experience a new easiness in the bike workshop. Our contribution to better ergonomics in the workshop follows the trend that bicycles gain more and more importance, especially in urban environments. There is something going on on the cycle paths – and in the workshops as well. Cyclists who want to ride safely and smoothly for as long as possible should regularly give their bike into the hands of an expert – whose workshop is preferably just around the corner, in the middle of the pedestrian zone. On the one hand, a good order situation will result in certain waiting periods, on the other hand it requires fast and ergonomic workflows.

This is exactly where the bicycle lift comes in. The electrically driven mounting stand makes the work in the workshop easier and more ergonomic and, in addition, it makes space available when used in the double configuration. The space saved can ideally be used for a second workstation.



Scan the QR code and watch  
the video about the bike lift.



**SECURE YOUR SUCCESS**

# MORE COMFORTABLE REPAIR AND SERVICE

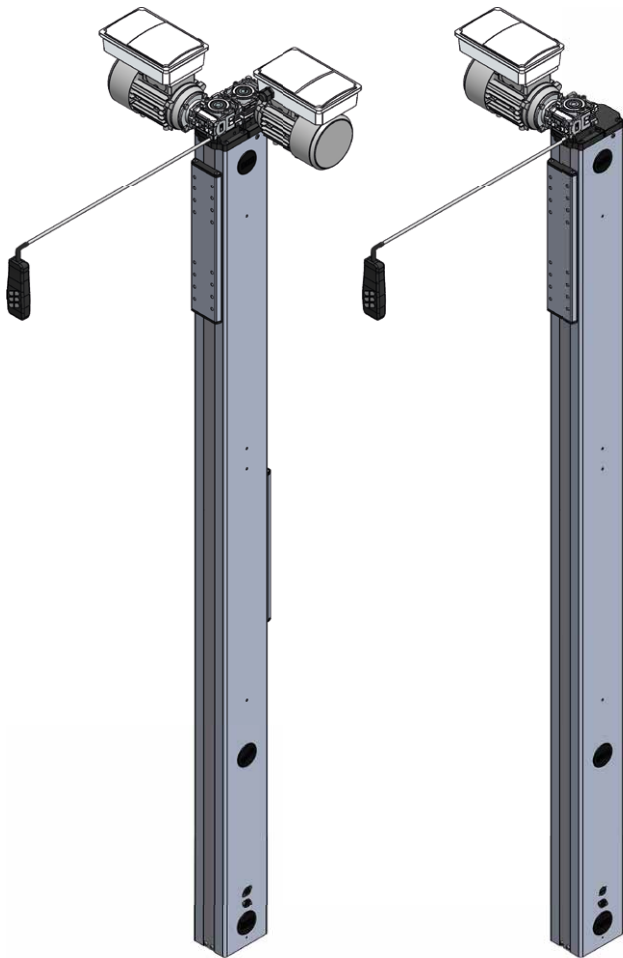
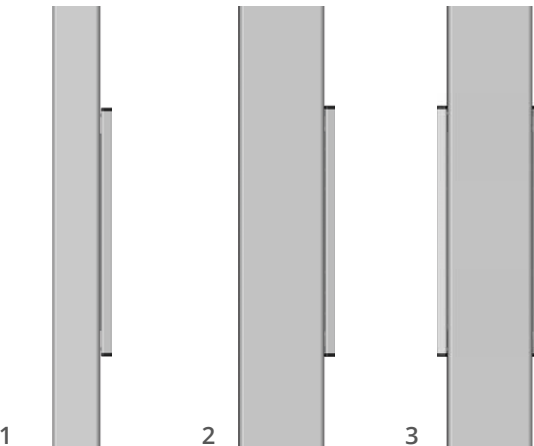
More comfort on the road, better ergonomics in the workshop. Everybody wants to ride a smooth-running bike. With our new bike lift, we have developed a system that provides bike workshops with highly available, robust and accurate industrial technology. This solution makes service and repair work noticeably faster and easier. With the mounting plates and optionally two independently liftable assembly stations, the BikeLift ensures the necessary flexibility in your workshop.

TAKE UP BIKES DIRECTLY FROM THE FLOOR AND LIFT THEM TO THE DESIRED WORK HEIGHT

## VERSION

1	<b>GGT90</b> wall mounting	Standard model for wall mounting
2	<b>GDGT 90-S1</b> freestanding	Standard model free-standing for 1 bicycle
3	<b>GDGT 90-S0</b> freestanding	Standard model free-standing for 2 bicycle

\*Each version includes as standard:  
Standard model depending on the version, engine, transmission and manual switch, see view right.



		GGT90	GDGT90-S1	GDGT90-S0
Number of work stations		1	1	2
Operating dimensions wall mounting	WxDxH in mm	150x100x2200		
Operating dimensions floor mounting	WxDxH in mm		300x300x2200	300x300x2200
Operating dimensions free-standing*	WxDxH in mm		600x600x2200	600x600x2200
Maximum lifting load	kg	85**	85**	85**
Continuous height adjustment	mm	2000***	2000***	2000***
Overall weight	kg	45	80	100

\*floor mounting recommended

\*\*the maximum useful lever load depends on the accessories used (gripper, etc.)

\*\*\*variable stroke on request

# UP AND DOWN QUICKLY AND, WHAT'S MORE IMPORTANT, SAFELY

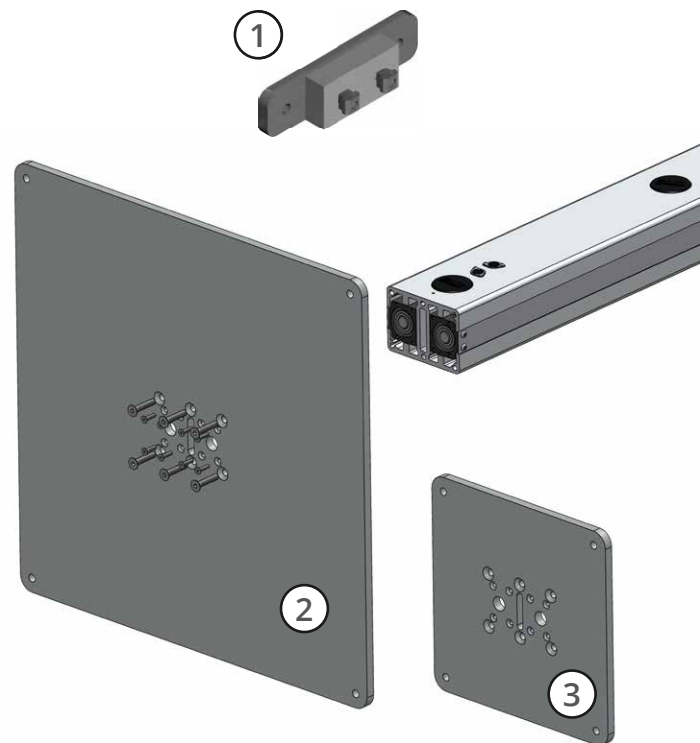
Due to its easy wall mounting the classic **BikeLift GGT90** is a space-saving solution for every garage, workshop or in confined spaces.

The **BikeLift GDGT 90** is firmly screwed to a base plate, which gives the mounting stand the necessary stability anchoring to the floor. The mounting stand is secure and stable thanks to a fixed dowel in the floor.

In view of the fact that space is often tight, particularly in workshops located near the city centre, we have equipped our bike lift with two drive units as an option, so that two mechanics can work independently of one another.



Example: Wall mounting 00339



## MOUNTING

1	<b>Wall mounting</b> for GGT 90	00339
2	<b>Base plate Standard</b> for GDGT 90   600 x 600 mm for fixed mounting and floor anchoring	00337
3	<b>Base plate Small</b> for GDGT 90   300 x 300 mm for fixed mounting and floor anchoring	00338



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# TO EACH HIS OWN TOOL

And so that everything also fits in the direction of the bicycle, the slide can be connected to different holding systems thanks to a wide variety of holes. Thanks to our adapter with Ø 50 mm, various gripping systems can be attached without difficulty.

Thus, bicycle lift is easily adaptable, so that you can choose your preferred type of holding fixture.

## HOLDING FIXTURES

Name	Article-no.:	Further information	Load capacity
1 Expansion cone for seat tube	003310	as of Ø 27mm	35 kg
2 Step mandrel-Set	003313	with 2 stepped pins	85 kg
3 Bike gripper	003320	Bahr	45 kg
4 Adapter bike mount	00330	Ø 50 mm L: 120 mm	85 kg
5 Adapter bike mount	003301	Ø 50 mm L: 250 mm	85 kg
6 Fork arms	003318	for cargo bikes	85 kg
7 Ball coupling	003322	for bike carriers	85 kg
8 Adapter plate	003300	for 3-point holder TIPTOP	85 kg







1



2



3



4



5



8



6



7



2



# SAFETY IN THE WORKSHOP

## NOTHING SLIPS THROUGH - ESPECIALLY NOT A TWO-WHEELER

The Bikelift uses a trapezoidal threaded spindle specially designed for this application. It is connected to the motor at the head of the lifting profile and ensures the vertical movement of the mounting bracket via the travelling spindle nut. With our design, neither a belt can break nor a compressed air hose burst.

Smooth starting and braking is ensured by the frequency converter, which is directly connected to the energy-saving 230V motor to save space. The lift thus moves two-wheelers weighing up to 85 kg (per pick-up) up to eye level and back down again.



**Foot switch 00334**  
can be retrofitted at any time



Scan the QR code and watch the video about the rotary module.



## OPERATION

Name	Article-no.:	Further information
1 rotary module incl. worm gear motor	003315	for rotation 360 °
2 manual hand switch	00340	with spiral cable including bracket
3 foot switch	00334	2-pedal, wired



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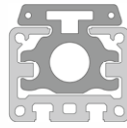
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The BikeLift is a reliable and industry-proven solution for the maintenance, repair and placement of bicycles of any type.

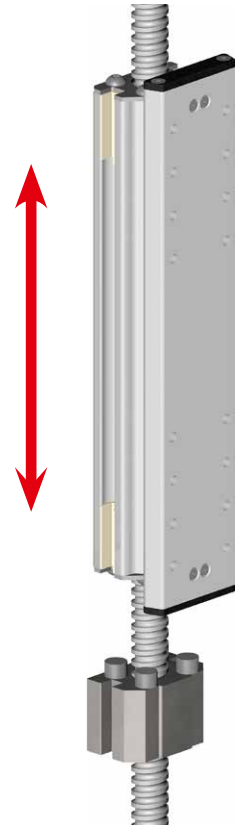
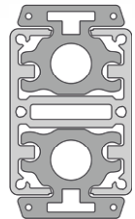
The highly robust, electrically driven lifting system allows for quick lifting and lowering of loads and is based on an especially safe drive and guide concept compared to other products in the market.

- Industry-level quality  
„Made in Germany“
- Weight-optimized and easy to install
- Ergonomic and safe machine design acc. to DGUV (German Social Accident Insurance) Information 208-040
- High operational safety and long lifetime
- CE-marking and  
EEC Declaration of Conformity acc. to:
  - EC Machine Directive 2006/42/EC
  - German Industrial Safety Regulation (BetrSichV)
  - German Product Safety Act (ProdSG)

GG 90



GDG 90



Thanks to the free-wheeling system, the slide is free to lift by hand.

**Maximum occupational safety:  
no crushing or pinching!**



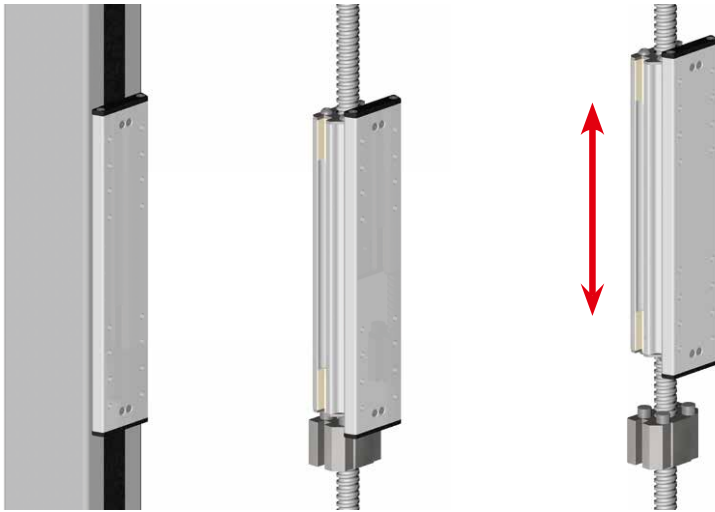
Scan the QR code and watch the video about the freewheel system.



## ALL INFO AT A GLANCE

The electrically driven assembly stand for all those who work flexibly with quickly interchangeable holding systems. Thanks to the adapters, compatible with all common holding systems.

Internal sliding guide in the guide carriage, thus low maintenance and very long service life. This lift makes the work in service and repair noticeably more ergonomic, faster and above all safe.



- Thanks to the freewheel system, the carriage can be lifted freely by hand.  
**Highest working safety: no crushing or pinching!**



- **Extensive gripper accessories available from stock.** Existing grippers can also be integrated using special adapters.
- **Extensive accessories**  
Cable channels with additional connections for pneumatics, power, LAN or USB.
- **Maximum reliability and operational safety**
- **Trapezoidal thread spindle Tr. 24x10** for extremely high loads

**GDGT 90-S0**  
**Dual workstation**



- **Modular mounting due to different base plates.** Due to a fixed dowelling in the floor, the assembly stand is secure and stable.





- Can be selected as a single or double workstation

- **Variable working height, even for tall people.**  
Lift height up to a maximum of 2.8m (on request).

- **Brushless IEC standard three-phase motor.**  
Connection to 230 Volt. Fixed frequency converter, lifting speed 100-170 mm/sec. All switches are loaded with max 10 volts/01 A. Very low noise, standby < 0.5 W.

- **A metal cover strip prevents dust, dirt or objects from getting inside.** It also provides a high safety aspect and protects against hand injuries.

- **Thanks to frequency converter smooth starting and braking.** Positioning accurate to the millimeter.

- **Different mounting systems**  
Thanks to our adapter with Ø 50 mm, various gripping systems can be attached without difficulty.

**GDGT 90-S1**  
Single workstation\*

- **Plug for foot switch**

- **Forks**

Loadable up to 85 kg and can be lowered to ground level.  
For cargo bikes, lawn mowers, etc.



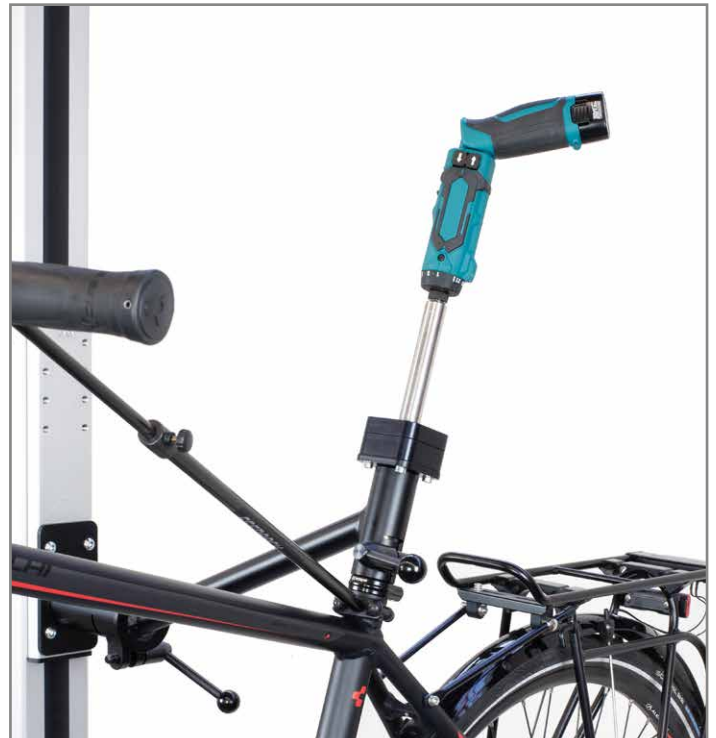
\*optionally available as GGT90 with wall mounting (power or battery operated by cordless screwdriver)

# YOUR SOLUTION FOR LIFTING HEAVIER E-BIKES AND CARGO BIKES IN YOUR WORKSHOP

The ideal mounting stand for anyone who wants to work flexibly with quickly exchangeable mounting systems. Thanks to the adapter, compatible with all common holding systems. Get a brief overview in our detailed views and working examples.



**Service hole**  
for maintenance / lubrication



 **YouTube**  
Scan the QR code  
and watch the video.



**Example for cordless screwdriver\***  
\*not included in the delivery



**Detail: Motors, limit switch inside**  
Version GDGT 90-S0 (Dual workstation)



**Detail: Motor, limit switch inside**  
Version GDGT 90-S1 (Single workstation)



Work ergonomically...



No risk of injury



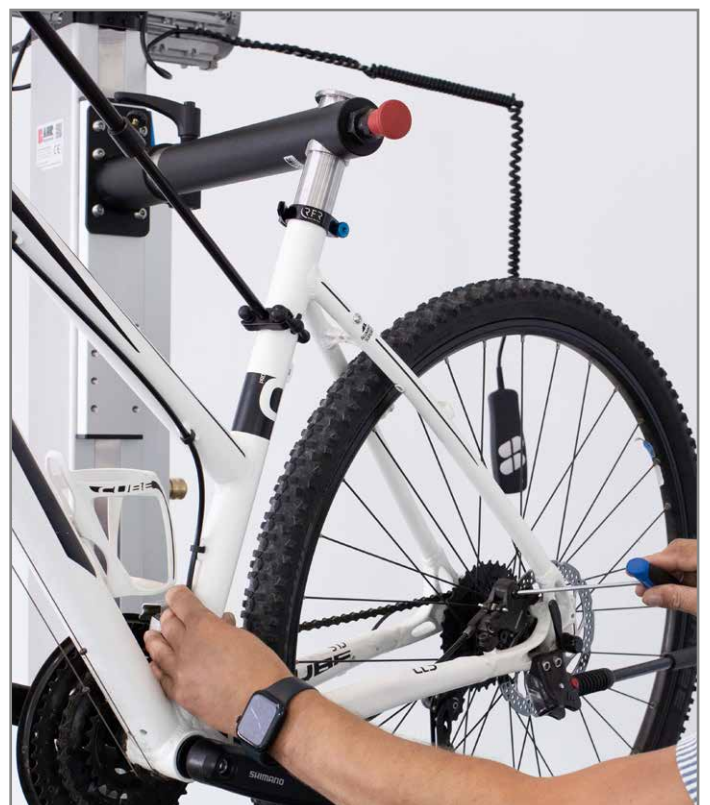
Fork arms for cargo bikes 003318



Individual connections possible

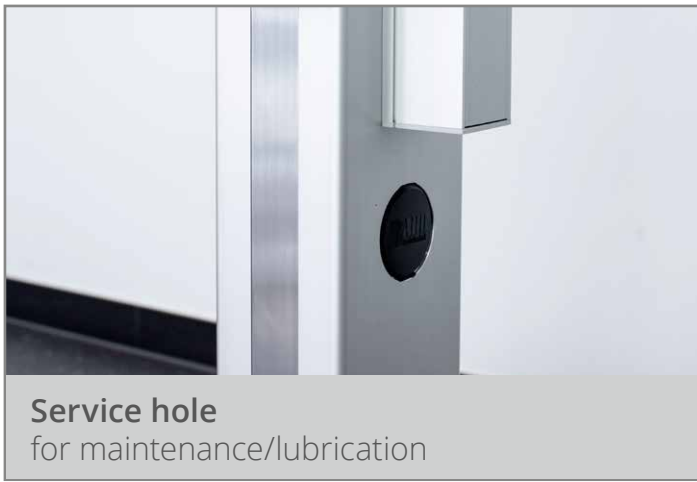


Cargo bike in use



Step mandrel 003313 in action





## ALL FEATURES AT A GLANCE

- for e-bikes, bicycles & cargo bikes
- flexible pick-up and holding systems
- single and double workstations
- low noise and little maintenance
- space-saving due to compact design
- highest reliability & operational safety
- ergonomic and back-friendly
- the drive is protected from water, grease and dust
- modular mounting through the bottom plate, anchoring to the floor or wall
- soft starts and stops thanks to frequency converter
- Hand or foot switch
- variable work height, lift height up to 260 cm
- safe freewheel system

Highest operational safety

**Due to the closed design, the entire mechanical system is permanently protected against the ingress of dust, dirt and foreign bodies.**





# MOBILE VERSION WITH BATTERY DRIVE

## COMPETENT ADVICE IN THE DIALOG RECEPTION

In our battery-powered version, the BikeLift can be used anywhere as a mobile unit thanks to its integrated bicycle battery. Especially in the dialog acceptance, the qualified personnel can directly consult with the customer and make a first cost estimate.

In times of pandemics and hygiene concepts, the entire BikeLift can be conveniently moved outside at any time. Mounted on rollers, there are no limits here.



Change battery quickly and easily,  
with 1x charging - approx. 1 week operation

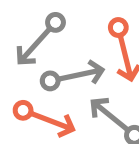
**Single workstation**  
with battery drive

**GDGT90 S1 Akku**

**Double workstation**  
with battery drive

**GDGT90 S0 Akku**

No space for a permanently  
mounted lift in the workshop?



**Our BikeLift in the battery version is self-sufficient and quickly and easily moved from one corner to another.**



Motor connection with hand switch



Example: Plate with rollers\*

\*Example object, not available for order, to be provided by customer

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# INDIVIDUAL CABLE MANAGEMENT SYSTEM

Do you need a power, USB, network or air pressure connection directly at the workplace? Then you will receive the ideal solution from us and order the right cable duct with your individual connections at the same time.

The inserts can be snapped directly into the cable duct and enable efficient work directly at the workplace. The maximum cable duct height is 1500mm.



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## SOCKETS

	Name	
A1	socket 45°	1
A2	socket 45°	2
A3	socket 45°	3
A4	socket 45°	4
B1	sockets worldwide	
B2	sockets worldwide	
B3	sockets worldwide	
B4	sockets worldwide	
B5	sockets worldwide	
B6	sockets worldwide	
B7	sockets worldwide	
D1	air pressure connection	
L1	network connection	1
L2	network connection	2
M1	USB-connection	1
M2	USB-connection	2

A1



A2



A3



A4



B1



B2



B3



B4



B5



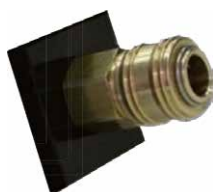
B6



B7



D1



L1



L2



M1



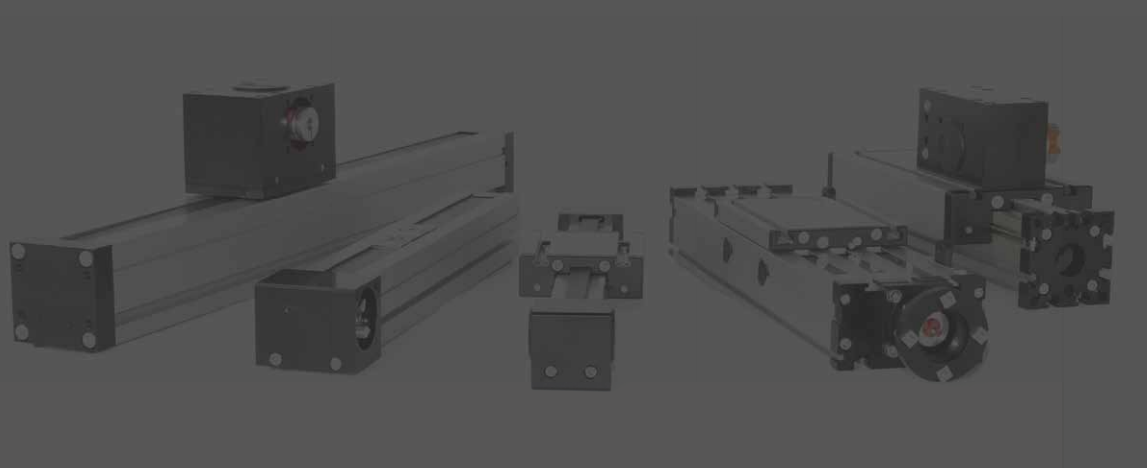
M2



SECURE YOUR SUCCESS



***Your specialist for modular positioning systems***



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