



Model: 406PADPC



PHOTO



PROPERTY

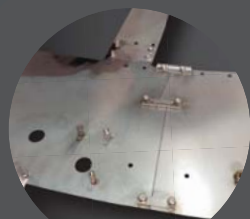


DISPLAY

Carturner turntable

- Hight: 7,5 cm (topmount version)
- Diameter, total: 466 cm
- Rotating disc diameter: 406 cm
- Maintenance-free
- Easy access to the motors and cables
- Easy to assemble

360° entry edge, black or gray



High precision cut stainless steel panels and underlying construction parts



Powerunit



Delivered with 2 wireless remote controls



6stk. 24V / 50W independent engines for reliability and power.



Large load capacity. (70 individual rollers)

Powder lacquered or uncoated brushed stainless steel are standard versions on stock.

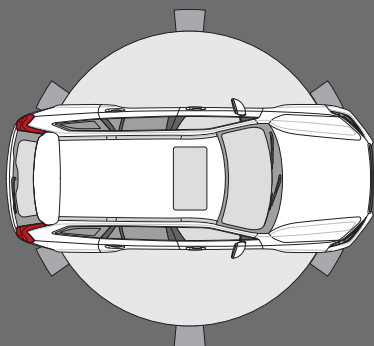
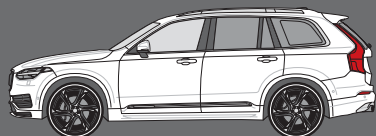


Model: 406PADSS

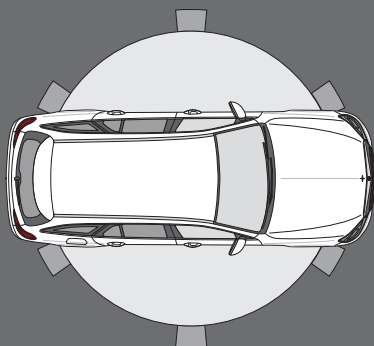
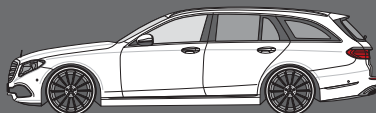
Carturner Europe

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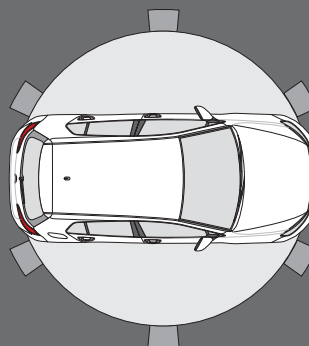
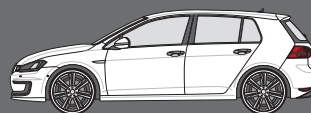
Aspect, 1:1 on carturner 406FM



Volvo XC90

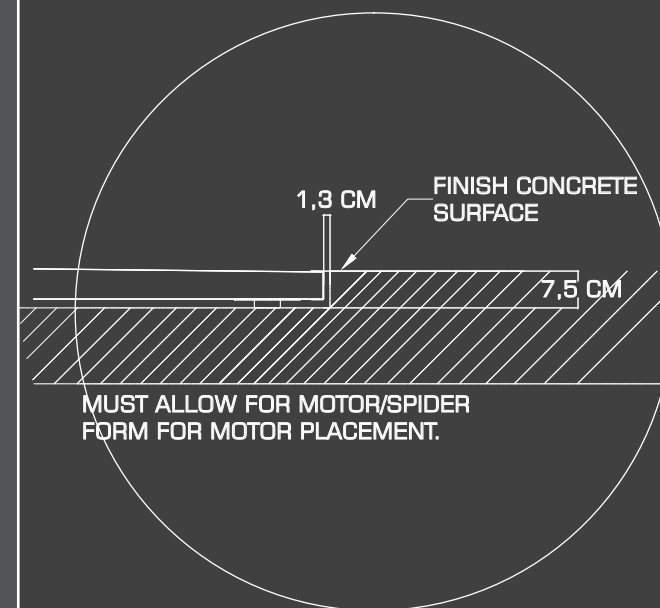
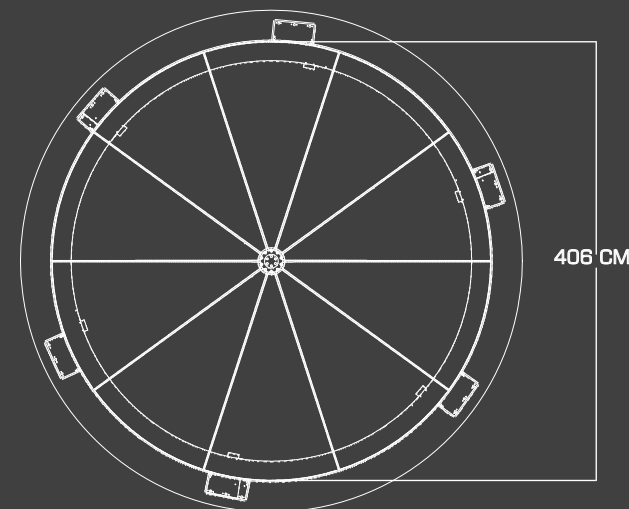


Mercedes E-kl



VW Golf

Carturner flush mount	406FMSS	406FMPC	406FMMC
stainless steel frame	*	*	*
stainless polyurethane panels	*	*	*
6 engine package	*	*	*
disc diameter in centimeters.	406	406	406
Total diameter, including coated edge	408	408	408
height profile in cm.	0	0	0
max load	4 ton	4 ton	4 ton
well depth in centimeters.	7,7	7,7	7,7
Powder lacquered disc RAL 9006	no	*	no
Powder lacquered disc, personal color	no	*	no
Brushed, rough stainless steel disc	*	no	no
mirror disk	no	no	*
powerboks 230V/24V	*	*	*
2 remote controls	*	*	*
Welded steel cage with steel sheets	*	*	*
transport dimension M3	4,8	4,8	4,8
transport weight kg.	990	990	990

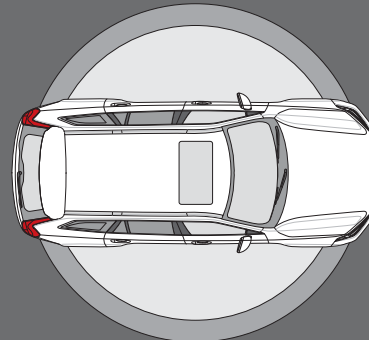
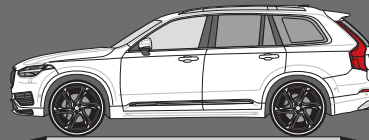


TOPMOUNT

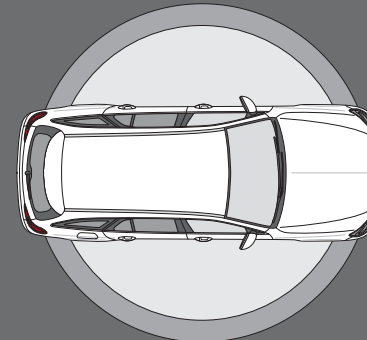
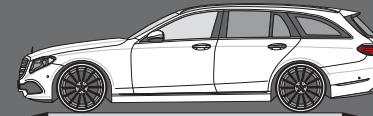
CARTURNER

EUROPE

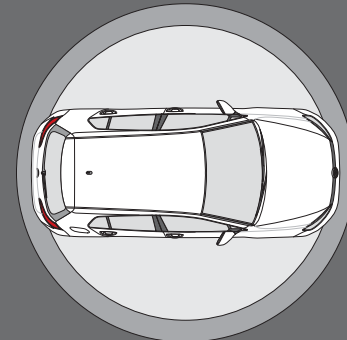
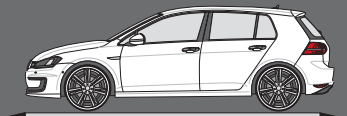
Aspect, 1:1 on carturner 406PAD



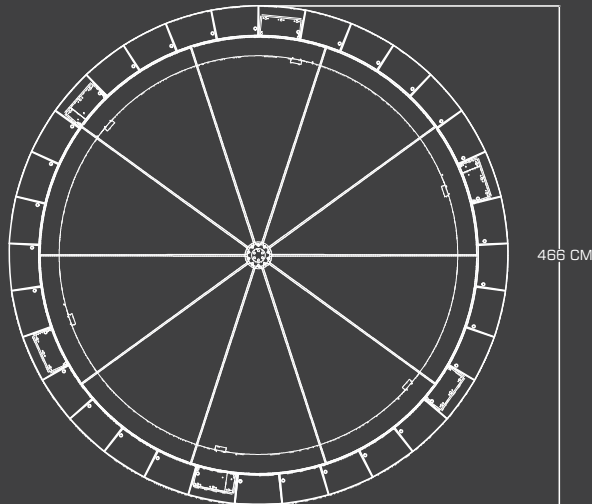
Volvo XC90



Mercedes E-kl



VW Golf



FINISH SURFACE
ELEVATION

13 mm
286 mm
76 mm

Carturner top mount	406PADSS	406PADPC	406PADMC	498CTEXSS	498CTEXPC
stainless steel frame	*	*	*	*	*
stainless polyurethane panels	*	*	*	*	*
6 engine package	*	*	*	no	no
12 engine package	no	no	no	*	*
black or gray PP ramp edge	*	*	*	*	*
disc diameter in centimeters.	406	406	406	498	498
Total diameter, including coated edge	466	466	466	559	559
height profile in cm.	7,5	7,5	7,5	7,5	7,5
max load	4 ton	4 ton	4 ton	5 ton	5 ton
Powder lacquered disc RAL 9006	no	no	no	no	*
Powder lacquered disc, personal color	no	*	no	no	*
Brushed, rough stainless steel disc	*	no	no	*	no
mirror disk	no	no	*	no	no
powerbox 230V/24V	*	*	*	*	*
2 remote controls	*	*	*	*	*
comes standard as top mounted	*	*	*	*	*
inset kit available	*	*	*	no	no
Welded steel cage with steel sheets	*	*	*	*	*
transport dimension M3	3,65	3,65	3,65	7,75	7,75
transport weight kg.	890	890	890	1360	1360

Main construction principles

The carturner consists of two main components. The spider frame and the disc/plate. Six stainless steel spokes, connect with three plate rings inside.

The frame components are laser cut, high precision material. The carturner can cope with solid load and twists. To keep the main parts in position, there are welded bolts on each part. These are locked by closing nuts. The outer plate ring is 30 cm wide. This is the part where the motors are connected. Each motor is placed by the end of the spokes, just outside the disc.

The rotating disc is divided in 10 sector modules. These are connected to a base of polyuretan foam, which is especially designed for high pressure. There are stainless steel side profiles, with top and bottom plate. The steel is tightly welded together on the vertical side profiles. There's a spring based locking system that makes a flexible solution if the carturner is placed on uneven ground.

There's easy access to the carturner's engines and cables, just outside the disc. You just have to remove a couple of panes from the entry rim.

The disc is slightly conical.

Support system

No grounds or foundations exist without obstacles or imperfections, unless they are specially treated. This has been taken into mind when constructing the carturner. The support system consists of spring connected polyuretan rolls. 70 independent rolls run on the stainless steel rings at very low friction. These steel rings distribute the pressure from the cargo weight (car) evenly towards the underlay. Each one of the set of rolls consist of sealed stainless steel bearings, one solid stainless steel axle, thoroughly tested rolls, polyuretan spring pillows in a glass reinforced nylon cup. During the development of the Carturner, we were testing different kinds of material for the wheels. We went through 2 years of testing. The Acetyl/Delran wheels we chose, proved to be the best. These make less wear and tear, less friction, less noise than any other known material. The width of the rolls gets the heavy weight well spread. It's a resistant and long life construction.

Why Stainless Steel?

If you live near the coast or in an area where they salt the roads, stainless steel is a must. Even though it costs four times what regular steel costs, we believe it is essential. If a stone in the tyre scratches a galvanized turntable, it will then start rusting. A stainless steel carturner has an expected lifetime far beyond that of a car's.

Expenses and time

Every single component of the device is changeable. They can be replaced within half an hour. One single engine can be replaced app. 5 minutes. Every metal part except for the sprocket, are made of stainless steel. The components are compatible with parts on other machines.

Engines and steering

The carturner is delivered with six 50W/24V DC, brush engines. The power transmits through a gearbox, a closed chain and a running wheel/gear.

Rotation speed for the disc, is app. 45 seconds for a 360 turn.

Carturner is relatively over-motorised. It will be funktionable even if one or more of the engines would be temporarily out of order. It has enough power to rotate cars even if the installation is placed with a 10 degree inclination. Electric power is provided from a power unit, through a ring cable which is further connected with a standard cable.

Carturner is delivered with a programable wireless control. This makes it possible to set a specific sequence of running time. For example three seconds.

Alternatively carturner can be delivered with a brushless motor package this allows continuous running typical for exhibitions, showroom display etc.

Flush mount version

It is possible to fit the device in to the floor with a flushmount installation kit. This specific frame is prepared for concrete or asphalt filling around it. With a flush kit the disk top will level up with the surrounding floor.

The spider frame has the function of a formwork.

A in built carturner has the same compability concerning parts as the regular model. It is considered an installation which follows the real estate.