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TRIKE VS. BIKE

The last years, the trike sector experiences an increasing popularity. The reasons are that compared to bikes, trikes are non-tilting, have a reverse gear and can be driven with a car license. Our models Mustang, Mustang Xtreme and Mustang Family are equipped with a big trunk, ideal for two persons travelling with lots of luggage.

Compared to a bike, not only the driver, but also the co-driver is well integrated in the vehicle and is seated in an extremely comfortable and protected way. To ride a trike not only represents pure freedom, but compared to most of the bikes, a trike "Made in Germany" is also a good investment with high value.



The company founders W. Merkle and H. Böhm in the early years.

BOOM TRIKES PRODUCES EXCLUSIVELY "MADE IN GERMANY"

TRIKE MANUFACTORY STABLE MARKET VALUE BY HANDMADE QUALITY PRODUCTION.

Our vehicles are developed and constructed in our own manufactory in Sontheim, a Swabian village in the South of Germany.

Before the final assembly however, all needed "BOOM parts" have to be elaborately handmade for about 120-200 hours (depending on model and equipment).

Not till then, the vehicles will be finished with caring attention to detail.

Consequently, in general about 250 hand working hours are necessary for each BOOM trike.

Our vehicles may not be as plain perfect as a car which is made within just 4 hours by a robot, but the handwork makes them much more precious, exclusive and of lasting value.

BOOM Trikes with all the stainless steel parts are not only longliving, but are made for eternity.

I FADING FDGF BY FXPFRIFNCE

A big and representative survey (Comparison of the biggest European trike manufacturers) among the readers of the TRIKE-Magazin confirms our work:

BOOM Trikes **Quality**: N° 1
BOOM Trikes **Design**: N° 1
BOOM Trikes **Resale value**: N° 1







Our self-imposed high quality management system, organized according to the rules of ISO 9001 and controlled each year also guarantees the constant high quality level of our products.









BOOM TRIKES 1989-1991.

BOOM TRIKES 1992-2013.

About 30 years ago, in September 1989, the construction of the first prototypes was started. On 29.01.1990, Christine and Wolfgang Merkle as well as Hermann Böhm founded the one-man company "BOOM Exklusivfahrzeuge" which later became BOOM TRIKES Fahrzeugbau GmbH. Since 1992, after a move, the head office is located at Sontheim/Brenz, a Swabian village in the South of Germany.

BOOM TRIKES established itself very quickly on the market and was able to double its turnover every year in the early days.

1995, after over 700 sold units and a 40 % market share, BOOM TRIKES achieved the market leadership. In 1997, as first trike producer, BOOM TRIKES was certificated in accordance with the DIN EN ISO 9001. An extremely high quality and security level was achieved. Until today, this quality level is severely controlled every year.

In 1998, the next obstacle, the European homologation for all BOOM TRIKES models, was surmounted. From this moment, BOOM TRIKES was able to deliver all trike models to the European market. Also outside of the EU, BOOM TRIKES delivers vehicles to all over the world. BOOM trikes do not only drive in the Alps, but also in Africa, Australia, the Andes or on the highways overseas.

BOOM trikes are not only means of transportation, but became more and more a life philosophy, related to Harley Davidson, but on 3 wheels. A philosophy of life that unites freedom and adventure, the desire to travel and closeness to nature.

To experience the trike fascination together with their families and friends represents more than a hobby to many trikers – it is simply their life.

The success of BOOM TRIKES is also due to the fact that each time at the right moment, the right products have been launched to the market.

So now the company offers 4 different trike models. Director Wolfgang Merkle: "Our efforts for the future are: offering our trike customers a large range of new vehicles with the best cost-benefit perspective on the market."

Another milestone was set by building the new manufacturing facility in Sontheim an der Brenz. BOOM TRIKES profess themselves clearly to the manufacturing base Germany. All more than 10.000 trikes built so far are without exception made in Germany. All BOOM trikes are developed and constructed in our own construction department. The trikes can be built in series in the new and roomy assembly hall with shorter distances for the workers. Spray painting is done on site. That means that special requests can be realized very fast. In the big storehouse, more than 7.000 different component parts are available in sufficient quantity for the production and shipping.

All BOOM trikes are developed and built in our own construction department.

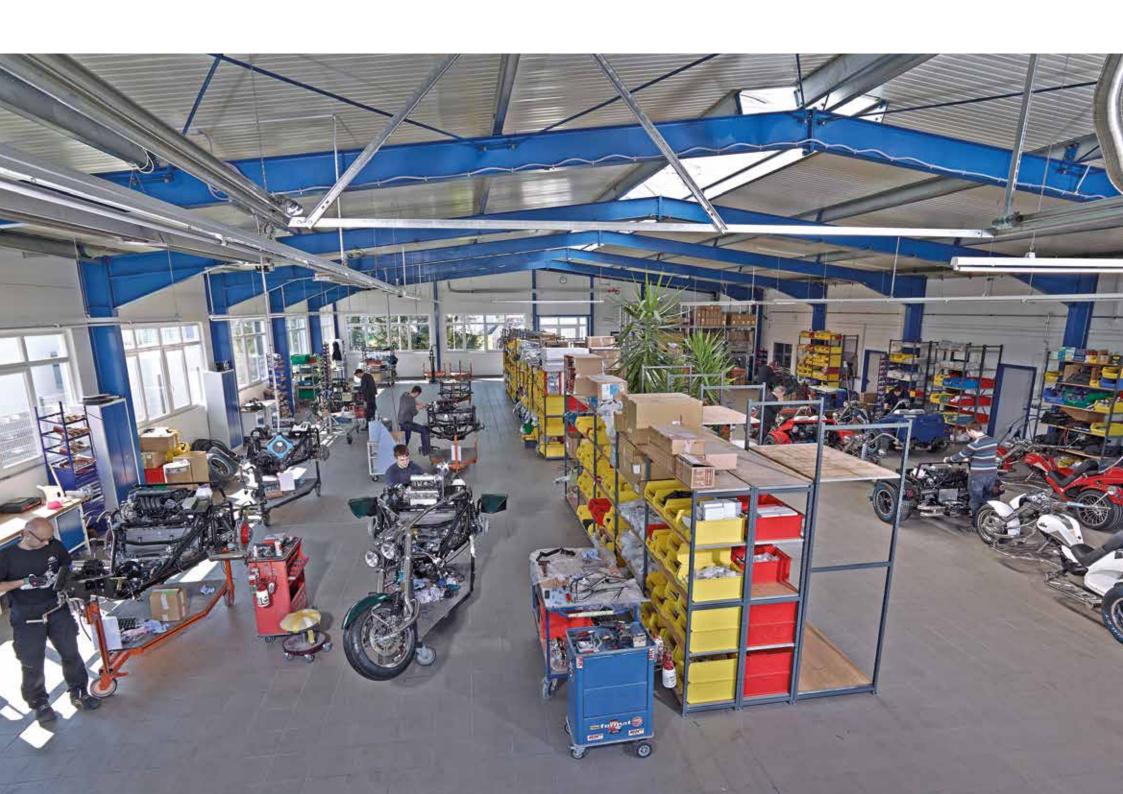
Nowadays, about 30 employees are operating at the head office of BOOM TRIKES in Sontheim and 40 more collaborators are working in a subsidiary, where spare parts are made.

Over 200 suppliers are providing parts to BOOM TRIKES. The BOOM TRIKES network covers approx. 100 dealers and locations, half of them in Germany and the other half all over the world. Altogether, according to Wolfgang Merkle, "approximately 300 persons are working with the product BOOM TRIKES, and this already since 30 years. A reason to be really proud!"

The BOOM TRIKES Manufactory since 2014.



















MODEL OVERVIEW 2020

	Model	Engine	1,5 l (110 HP) Automatic	1,5 I Turbo (140 HP) Automatic	2,0 l Turbo (200 HP) Automatic
2 seats	Mustang Sportive touring trike with big trunk	5 Marie	7 gears CVT transmission Vmax = 165 km/h Towing capacity 330 kg 2 seats	7 gears CVT transmission Vmax = 180 km/h Towing capacity 332 kg 2 seats	
	Mustang II Modern facelift of our bestseller		7 gears CVT transmission Vmax = 165 km/h Towing capacity 330 kg 2 seats	7 gears CVT transmission Vmax = 180 km/h Towing capacity 332 kg 2 seats	
	Touring A round thing for globetrotters	C. C. C.	7 gears CVT transmission Vmax = 165 km/h Towing capacity 330 kg 2 seats	7 gears CVT transmission Vmax = 180 km/h Towing capacity 332 kg 2 seats	
	Mustang Xtreme Strong and fast, the dawn of a new era				6 gears Torque converter V _{max} = 216 km/h Towing capacity 412 kg 2 seats
3 seats	Mustang Family Fun travelling for the whole family		7 gears CVT transmission Vmax = 165 km/h Towing capacity 336 kg 3 seats	7 gears CVT transmission Vmax = 180 km/h Towing capacity 336 kg 3 seats	

COMPREHENSIVE STANDARD EQUIPMENT "BASIC"(ALL MODELS)

- GRP-bodywork with big trunk
- Comfort fork Ø 48 mm with 2 Koni gas-pressurised shock absorbers
- 10 different standard colours, painted in gel coat technique
- Sport seats with lateral hold, waterproof
- Front wheel 170/60-17 on 5,00x17 alloy rim, Compressor design chrome
- Rear wheels 295/50 on 10x15 alloy rims, hole pattern design chrome
- Bilstein gas-pressurised shock absorbers
- Brake pedal in black
- Exhaust system Sport 4in2, polished stainless steel
- Dual-circuit integral brake system
- Brake booster, front and rear disc brakes
- Headlights bracket in polished stainless steel
- 2 additional headlights mounted on the fork
- Sport Touring handlebars in polished stainless steel, Ø 22 mm
- Hazard warning lights
- Instruments unit with speedometer, revolution counter, trip recorder, voltmeter, water temperature gauge, clock
- Vehicle tool kit, first-aid kit with warning triangle
- Waterproof electro-safe
- Chrome grips, chrome pedal linings
- Rearview mirrors chromed
- Passenger arm rests
- Handbrake faced with stainless steel and stainless steel grip
- Preparation for navigation system
- 12 V socket
- ABS prepared
- Automatic brake proportioning front and rear wheels
- Steel braided brake lines
- Warning waistcoat



Big trunk: for all models.



Wide-base tyres: Rear 295/50 with rim protection on 10x15 rims.



Frame: Plastic coated with car standards (salt spray test 600 h). Increased corrosion protection by 4-phases handling. Thick wall-thickness. Buckling resistant and optimal riding quality.



Modern instrument cockpit:Digital display of all necessary information, with diode technique.



Handbrake: Faced with stainless steel and stainless steel grip.



Attachment parts: Over 50 new stainless steel parts instead of galvanized or coated parts, as stainless steel tank, expansion tank, engine holder, gear box holder, engine facing, coolant facing, handbrake facing, air shields, miscellaneous small parts as well as all mounting parts.



Chassis: Alloy semi-trailing link axle with adjustable Bilstein threaded suspension and 3 selectable springs: soft, medium, hard.



All models are ABS prepared and available with ABS for an extra charge (not for Xtreme 2,0 l).



Electro-safe: Waterproof and neatly stored electronic.

ADVANTAGE EQUIPMENT "ADVANCE" (ALL MODELS)

Includes "Basic" equipment and additionally:

- Exhaust system 4in4, polished stainless steel
- Leg protection bar and luggage rack, polished stainless steel, Ø 60 mm
- Stabiliser (rear axle)
- Comfort fork Ø 60 mm, polished stainless steel with 2 Koni shock absorbers
- Main headlights, design "Bullet"
- Additional headlights 6,5"
- High performance brake system (rear) with ventilated brake discs and big brake calipers (for Xtreme 2,0 | Racing brake system)
- Front wheel 200/50-17 on 5,50x17 alloy rim, Shark design chrome Rear wheels 295/50-15 on 10x15 alloy rims, Shark design chrome Rear wheels 295/30-18 on 11x18 alloy rims (for Xtreme 2,0 l)
- BOOM rear spoiler, black
- Comfort seats sewn by hand
- Bi-Colour standard colours painted in gel coat technique

OUR THREE EQUIPMENT VERSIONS:

• Rear mudguards optional in design "Shark" or design "Style" (Style serial for Xtreme 2,0 I)



Exhaust system 4in4



Additional headlights 6,5"



Leg protection bar and luggage rack, stainless steel. Ø 60 mm



Rear wheels 295/50 on 10x15" alloy rims, Shark design chrome



Main headlights design "Bullet"



BOOM rear spoiler, black



Mudguards design "Shark"



Mudguards design "Style"



Stabiliser (rear axle)



Advance It's our most chosen version with numerous extras. The

It's the basic version, without any extras, however with serial big trunk, Aluminium comfort chassis, wide-base

Advance version offers a **top price-performance ratio!**

Ultimate It's our **full equipment with all extras!** (excluding individual extras). Attention: No other trike manufacturer worldwide has such a comprehensive full equipment package like BOOM with alloy chassis, Jet Light system, Liftomatic, premium VDO instruments and much more.

> In case of additional equipment of the "Advance" version, the basic equipment is not applied.



High performance rear brake system



Comfort seats hand-sewn

Basic

FULL EQUIPMENT "ULTIMATE" (ALL MODELS)

Includes "Basic" and "Advance" equipment and additionally:

- Pedal, foot rest mounting, passenger bar, luggage rack and bumper. At Family additionally passenger retaining clamp, all in polished stainless steel.
- Optional frame extension (10 cm)
- Comfort fork Ø 76 mm, polished stainless steel, with 2 Koni shock absorbers and internal wires
- Touring handlebars Ø 38 mm, optional Touring handlebars wide Ø 42 mm, polished stainless steel
- Tiptronic on handlebars (not for Xtreme 2,0 l)
- Design mirrors, black
- Exclusive BOOM/VDO premium instruments unit
- Cockpit fairing with headlights or optional additional headlights 6.5"
- Jet Light System, optional main headlights design "Bullet"
- Daytime running light (integrated in bulb holder)
- Reversing lights for stainless steel bumper
- High-quality Garmin navigation system (waterproof)
- Racing brake system with 360 mm brake discs, red painted, for 18" wheels or optional high performance brake system with ABS for 18" wheels (ABS not for Xtreme 2,0 l)
- Front wheel 200/50-17 on 5,50x17 alloy rim, Shark design chrome, optional Compressor design chrome
 Rear wheels 295/30-18 on 11x18 alloy rims, Shark design chrome, optional Compressor design chrome
 optional rear wheels 295/50-15 on 10x15 alloy rims, Shark design chrome (not for Xtreme 2,0 l)
- Liftomatic
- Seat heater front and rear (Family rear middle)
- Bi-colour special colours or standard colours optional
- Seats in black, lateral supports in black, optional lateral supports in red or grey



Stainless steel package



Stainless steel package



Stainless steel package



Comfort fork Ø 76 mm



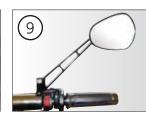
Touring handlebars Ø 38 mm



Touring handlebars wide Ø 42 mm



Tiptronic (not for Xtreme 2.0 I)



Design mirrors



BOOM/VDO premium instruments unit



Cockpit fairing



Jet Light System



Daytime running light/ Reversing lights



Navigation system



Racing brake system



Set of wheels Shark design chrome rear wheels 10x15"



Set of wheels Shark design chrome rear wheels 11x18"



Set of wheels Compressor design chrome rear wheels 11x18"



Liftomatic

MUSTANG TRIKES

COMFORTABLE SPORTY WAY TO TRAVEL

The Mustang ushers a new era in the trike sector. Not only thanks to the compactness, mobility and driving agility but also due to the extremely comfortable seating position and the extraordinary design, the Mustang is the trike everyone is talking about. The Mustang is the best-selling trike of the BOOM product range and it is also available as Mustang Xtreme and Mustang Family (3 seats). Because of the deep and secure seating position, the co-driver is sitting well-protected behind the driver and is at the same time able to glance over him. On request, the seats can be bolstered up free of charge for smaller

passengers in order to allow them to have the same good view despite of the low seat position. Since model year 2016, the Mustang disposes of a standard convenient trunk with 240 l storage space.

As short version: available for drivers with a body height of approx. 160 cm to approx. 180 cm.

As long version: for drivers with a body height starting from 180 cm, a frame extension is recommended.

BEING COMFORTABLY SEATED



Comfortable, waterproof seats sewn by hand are standard for our versions "Advance" and "Ultimate".

LARGE STORAGE SPACE

Big 240 I trunk - standard for all Mustang models.





EASY TO MAINTAIN

Liftomatic: with only one hand movement, the complete technology is accessible for maintain services (optional extra).













Shifter (automatic)

Equipment "Advance Plus"

Optional extras: Rear wheels "Shark" design 11x18", BOOM/VDO premium instruments unit.

MUSTANG, MUSTANG II, TOURING

Engine

4-cylinder in-line engine with controlled catalytic converter (see page 10)

Power

110 HP (80 kW), 140 HP (103 kW)

Gears

7 gears, CVT transmission

Max. speed

165 km/h, 180 km/h (depending on motorization)

Fuel consumption/Range

approx. 5 - 8 l/100 km / 350 - 600 km (depending on motorization and driving style)

Type of fuel

Super unleaded 95 ROZ or E10

Fuel capacity 38 |

Frame 2-parted tubular frame, steel, bolted

Body Wear-resistant GRP

Dry weight

approx. 660 kg to 745 kg (depending on model and equipment)

Gross vehicle weight 1.000 kg

Vehicle load capacity

approx. 260 kg (depending on model and equipment)

Towing capacity

330 kg to 332 kg (depending on model)

Dimensions

(depending on model and equipment) Length 3.675 - 3.885 mm Width 1.680 - 1.945 mm

Height 1.350 mm

.....

No. of seats 2

Service interval every 10.000 km

Guarantee 2 years





















TOURING Equipment "Advance Plus" Optional extras: Rear wheels "Compressor" design 11x18" (only available in chrome), BOOM/VDO premium instruments unit, bi-colour special painting 25



















Engine

2.0 GTDI EcoBoost Turbo

Manufacturer

Ford Motor Company

Engine type

4-cylinder in-line engine,

DOHC double overhead camshaft

Engine block Aluminium

Cylinder head Aluminium

No. of valves 16

Power 200 HP (147 kW)

Torque 398 Nm / 2500 rpm

Turbo Single

Cubic capacity 1999 ccm

Compression rate 9.3:1

Weight 140 kg

Dimensions 679 x 664 x 568 mm

Fuel system High pressure direct injection engine

Gears 6 gears, automatic gearbox

Top speed 216 km/h

Speed-up 0-100 km/h in 4,3 sec.

Fuel consumption/range approx. 8-12 | /100 km /

250 - 400 km (depending on driving)

Fuel Super unleaded 95 ROZ or E10

Fuel capacity 52 |

Frame 2-parted tubular frame, steel, bolted

Body Wear-resistant GRP

Dry weight approx. 824 kg

Gross vehicle weight 1.100 kg

Vehicle load capacity approx. 276 kg

(depending on equipment)

Towing capacity 412 kg

Dimensions (depending on equipment)

Length 3.790 - 3.990 mm

Width 1.680 - 1.880 mm

Hight 1.270 mm

No. of seats 2

Service interval every 10.000 km

Guarantee 2 years

Made in Germany







MUSTANG FAMILY

The Mustang is also available as Family trike with 3 seats. Based on the established previous Family II Muscle model, the chassis has been re-designed. When you drive with only two persons, the co-driver can sit centrally. Due to the folding passenger protection bar, getting on or off the trike is quite easy for the co-driver. The width of the passenger seat was enlarged by approx. 10 cm. The windbreak and the center of gravity are optimized by considerably deeper positioned seats. The

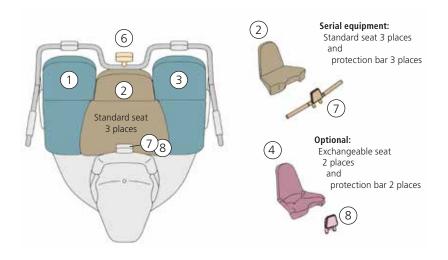
standard trunk of 240 liters and the big luggage rack of the Mustang Family trike offer storage space for the whole family.

As short version: available for drivers with a body height of approx. 160 cm to approx. 180 cm.

As long version: for drivers with a body height starting from 180 cm, a frame extension is recommended.

The Mustang Family, too, is upgradable with a Liftomatic.

MODIFICATION SYSTEM FOR FAMILY MUSTANG SEATS



All Mustang Family models will generally be delivered with 3 individual seats ①②③ with continuous seating area. Also standardly delivered: the movable head support @ as well as the 3 seater protection bar \odot . Therefore, as standard version, the trike can be driven by 1, 2 or 3 persons. In order to offer a higher comfort to our customers, we also provide as an option the exchangeable seat (for 2 persons) which will be delivered together with a 2 seater protection bar ®.





MUSTANG FAMILY ADVANCE PLUS





MUSTANG FAMILY

Engine

4-cylinder in-line engine with controlled catalytic converter (see page 10)

Power

110 HP (80 kW), 140 HP (103 kW)

Gears

7 gears, CVT transmission

Max. speed

165 km/h, 180 km/h (depending on motorization)

Fuel consumption/Range

approx. 5 -8 l/100 km / 350 - 600 km (depending on motorization and driving style)

Type of fuel

Super unleaded 95 ROZ or E10

Fuel capacity 38 |

Frame 2-parted tubular frame, steel, bolted

Body Wear-resistant GRP

Dry weight

approx. 672 kg to 745 kg (depending on equipment)

Gross vehicle weight 1.000 kg

Vehicle load capacity

approx. 250 kg (depending on model and equipment)

Towing capacity

336 kg

Dimensions

(depending on model and equipment)

Length 3.675 - 3.885 mm Width 1.680 - 1.945 mm Height 1.350 mm

.....

No. of seats 3

Service interval every 10.000 km

Guarantee 2 years







COLOUR PALETTE OF BOOM TRIKES

• We provide all RAL, metallic or bi-colour paints for an extra charge (see list of extra charges). For all Ultimate models, you can freely choose your desired colour (unicolour or bi-colour) without extra charge.

• Our 10 standard colours



BI-COLOUR DESIGN (for Mustang, Mustang Family, Touring and Mustang Xtreme)

* Bi-Colour special colours includes base colour bodywork (© in colour:

and attachment parts (H) (S) (T) in contrast colour: _____

- rear spoiler (H)

- air scoop(s) (1)
 two side inlets (5)
 triangle on tank dummy (1)





- black
- \bigcirc red
- grey







LIFESTYLE FOR HER AND HIM





FLEECE JACKET

Stand-up collar with synthetic zipper. Sleeve bunch with elastic. Straight cut sweater.

Embroidery: Logo on the left side of the chest Sizes: S-XXL Colour: grey Item number: 300 04 70 + size

Price: € 62,50

BOOM SWEATSHIRT

Selected quality with embroided logo. Sizes: L-XXL



Artistic airbrush-artwork on a tied up, black leather waistcoat Sizes: L-XXXL

Item number: 300 05 30 + size

Price: € 349,00

WAISTCOAT "NIGHT RIDER"



back.

Sizes: S-XXXL

Price: € 297,50

Item number: 300 05 38 + size



T-SHIRT LOGO & TRIKE

Sizes: S-XXL

Colour: black or white

Item number: 300 03 06 + size + colour

Price: € 14,00



POLO PIQUET CONTRAST

Trendy two-coloured polo shirt. Button panel, collar and cuffs with white stripe. Ribbed collar. Embroided logo on the left side of the chest.

Sizes: S-XXL

Colour: navyblue/white Item number: 300 04 59 + size

Price: € 39,00



BANDANA

Imprint: Pegasus + "Triker", silver

Sizes: one-size
Colour: black
Item number: 300 01 76
Price: € 22,00



CAP

Size: one size Embroidery: Logo, 3 coloured Color: black Item number 300 01 80

Price: € 30,00



Item number: 300 06 10 **Price: € 27,00**

BASEBALL CAP

Imprint: Logo, 3-coloured Colours: black, blue, red Item number: black 300 01 60 blue 300 01 61

red 300 01 62

Price: € 9,10





SUN GLASSES

High-quality sun glasses with de-mister coating and optimal protection against UV radiation and stone-chipping.

Imprint : Logo, silver Sizes: one-size Colour: black

Item number: 300 35 80 Price: € 59,00



BOOM PATCH

Cotton patch.

Size: about 90 x 60 mm Item number: 300 20 10 Price: € 5,60



BOOM EMBLEM

Sticker round

Size: Ø 50 mm Item number: 300 21 31 Price: € 9,00



BOOM ZIPPO

High-quality cigarette lighter that works with gasoline. Logo engraved. Item number: 300 10 70

Price: € 49,00

BOOM EMBLEM

Sticker

Size: 115 x 55 mm Item number: 300 20 50

Price: € 9,00



with Trike pendant, stainless steel

Men 300 25 22





with Trike pendant, stainless steel Item number: Ladies 300 25 23

Men 300 25 24





FLAT BOTTLE

High-quality flat bottle, out of polished stainless steel, 240 ml with engraved logo. Item number: 300 24 80

Price: € 19,60



BOOM MULTITOOL

Multi-part, high-quality pocket-knife. Contains pliers and torch, saw and screwdriver. Handle with engraved logo. Matching nylon cover to put on belt. Packed in a precious metal box. Item number: 300 35 70

Price: € 33.60



POCKET-KNIFE

Precious pocket-knife. Logo engraved. Item number: 300 35 60

Price: € 18.50



GLASS DICE

with trike in 3-dimensional effect made by laser technology. Size: 80 x 50 x 50 mm Item number: 300 24 10

Price: € 45,20



WEIZEN BEER GLASS

Weizen Beer glass "Walchensee", 0,5 l Imprint: Logo, white matt Item number: 300 24 70

Price: € 7.00

FIGURE

Screwable

PEGASUS

Height: approx. 60 mm

Item number: 300 20 60

Price: € 53.50



KEYRING PENDANT

of dull metal with engraved Pegasus. With a bright LED light and 5 keyrings that can be taken off in a decorative giftbox. 2 batteries for a long use. Item number: 300 25 00

Price: € 7,60



BOOM CUP

High-quality coffee cup of refined stainless steel with engraved logo. Item number: 300 24 40

Price: € 14,00



BOOM WRIST WATCH "CLASSIC"

with date display and elegant leather

bracelet.

Item number: 300 35 22 Price: € 115.00

Since the year 2000, BOOM TRIKES has regularly been doing test rides in winter with all models of the next season.

The trikes are driven for about 10.000 km under the toughest conditions and the outcome of these extreme tests are then incorporated into serial production.

Constructed by trikers for trikers.













Here is some space for taking notes:	
	BOOM
	RIDE YOUR DREAM







This catalogue BOOM TRIKES 2020 is valid as of 01.03.2020. Protective charge is \in 3,-. We reserve the right to make any alterations to technical specifications and colours. No liability for misprint.

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