



since 1989



RIDE YOUR DREAM

[www.boom-trikes.com](http://www.boom-trikes.com)



2017





Just take off the workwear, put on the biker clothes and ride with a BOOM trike into another world. No matter if business man or employee, if young or old, if man or woman, if single or a family man – on a trike, everyone can leave the daily routine behind. To feel the wind in your face, to glide through the landscape, that’s something that makes you feel the freedom on 3 wheels. As unique as the riding sensation is the triker community. Status symbols are not counting anymore, it doesn’t matter what you are doing in your “normal life”, the only thing that counts is the passion of riding a trike, to have fun together and to enjoy life.

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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. On request, the trike can be 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.

LEADING EDGE BY EXPERIENCE

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



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



TRIKE MANUFACTURE  
STABLE MARKET VALUE BY  
HANDMADE QUALITY PRODUCTION.

Our vehicles are developed and constructed in our own manu- factory 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 long- living, but are made for eternity.



BOOM Highway 1990



BOOM TRIKES in the year 1989.



BOOM TRIKES in the year 1992.

In September 2014, the company BOOM TRIKES celebrated its 25th anniversary. 28 years ago, in September 1989, the construction of the first prototypes was started. On 29.01.1990, Christine and Wolf- gang 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 secu- rity level was achieved. Until today, the German TÜV is severely controlling this quality level 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 life philosophy that allows for freedom and adventure, travel desire 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 laun- ched to the market. So now the company offers 4 different trike models. Direc- tor 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.” In the last 2 years 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. Approximately 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 compo- nent parts are available in sufficient quantity for the production and shipping.

All BOOM trikes are developed and built in our own construc- tion 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 lo- cations, half of them in Germany and the other half all over the world. Altogether, according to Wolfgang Merkle, “approximately 300-400 persons are working with the product BOOM TRIKES, and this already for 25 years. A reason to be really proud!”

BOOM TRIKES Manufacture in the year 2017.

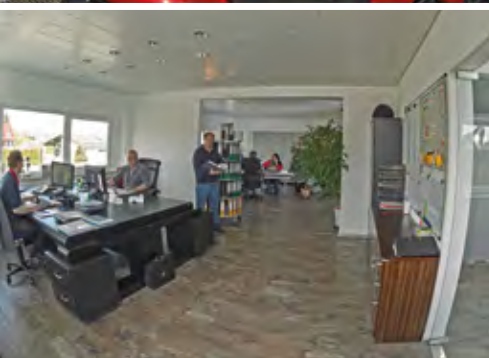




TRIKE MANUFACTURE IN SONTHEIM AN DER BRENZ, GERMANY









MODELOVERVIEW

		Manual transmission	Automatic transmission		
	Motor	1,5 l (110 HP)	1,6 l VTI (115 HP)	2,0 l (140 HP)	2,0 l Turbo (250 HP)
<b>Low Rider</b> Classic design with modern engine		4 gears Lateral gear change V max = 160 km/h Towing capacity 368 kg 2 seats	----	----	----
<b>New Highway</b> Compact and agile		5 gears Selectable middle or lateral gear change V max = 160 km/h Towing capacity 307 kg 2 seats	----	----	----
<b>Mustang</b> Sportive touring trike with big trunk		5 gears Selectable middle or lateral gear change V max = 160 km/h Towing capacity 312 kg 2 seats	4 gears Torque converter V max = 165 km/h Towing capacity 362 kg 2 seats	4 gears Torque converter V max = 180 km/h Towing capacity 362 kg 2 seats	6 gears Torque converter V max = 235 km/h Towing capacity 362 kg 2 seats
<b>Mustang Family</b> Fun travelling for the whole family		5 gears Selectable middle or lateral gear change V max = 160 km/h Towing capacity 312 kg 3 seats	4 gears Torque converter V max = 165 km/h Towing capacity 362 kg 3 seats	4 gears Torque converter V max = 180 km/h Towing capacity 362 kg 3 seats	----

COMPREHENSIVE STANDARD EQUIPMENT “BASIC”

- GRP-bodywork with big trunk (New Highway, Mustang, Mustang Family)
- Comfort fork Ø 48 mm with 2 Koni gas-pressurised shock absorbers
- 10 different standard colours, painted in gel coat technique (not for Low Rider)
- 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, whole pattern design, chrome
- Modern rear alloy chassis
- Bilstein gas-pressurised shock absorbers
- Brake and clutch¹ pedal in black
- Quick adjustment of clutch¹ pedal (¹ not applicable on automatic models)
- Exhaust system Sport 4in1, 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 mirror 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 New Highway, Mustang and Mustang Family.



**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 prepared for ABS and can be retrofitted after introduction of series production for normal surcharge.



**Electro-safe:** Waterproof and neatly stored electronic.



# ADVANTAGE EQUIPMENT “ADVANCE”

Includes “Basic” equipment and additionally:

- Exhaust system 4in4, polished stainless steel with preparation for exhaust valve (for New Highway, Mustang and Mustang Family)
- 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
- 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
- BOOM rear spoiler, black (New Highway, Mustang and Mustang Family)
- Comfort seats sewn by hand
- Bi-Colour standard colours painted in gel coat technique (for New Highway, Mustang and Mustang Family)
- Rear mudguards optional in design “Shark” or design “Style” (for Mustang and Mustang Family)



Exhaust system 4in4



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



Main headlights design “Bullet”



Additional headlights 6,5"



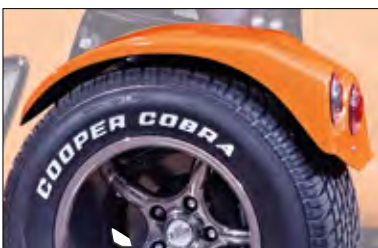
High performance brake system (rear)



Rear alloy rims design “Shark”, chrome 10x15"



BOOM rear spoiler, black



Mudguards design “Shark”



Mudguards design “Style”

## OUR THREE EQUIPMENT VERSIONS:

- Basic** It's the basic version, without any extras, however as of model year 2016 with serial big trunk (New Highway, Mustang, Mustang Family), Bilstein suspension, wide-base tyres, and much more. **A comprehensive standard equipment!**
- Advance** It's our most chosen version with numerous extras. The 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.

# FULL EQUIPMENT “ULTIMATE”

Includes “Basic” and “Advance” equipment and additionally:

- Pedal(s), 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 (automatic models)
- 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 (for Mustang and Mustang Family)
- High-quality Garmin navigation system (waterproof)
- Alarm system
- Racing brake system with 360 mm brake discs, red painted, for 18" wheels (for New Highway, Mustang and Mustang Family), optional high performance brake system
- Front wheel 200/50-17 on 5,50x17 alloy rim, Shark design chrome, optional Compressor design chrome or matt black  
Rear wheels 295/30-18 on 11x18 alloy rims, Shark design chrome, optional Compressor design chrome or matt black  
optional rear wheels 295/50-15 on 10x15 alloy rims, Shark design chrome
- 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



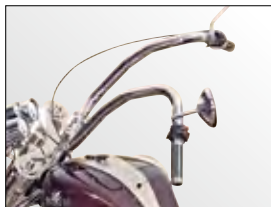
Stainless steel package



Stainless steel package



Comfort fork Ø 76 mm



Touring handlebars Ø 38 mm



Touring handlebars wide Ø 42 mm



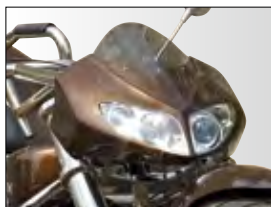
Tiptronic (automatic models)



Design mirrors



BOOM/VDO premium instruments unit



Cockpit fairing



Jet Light System



Daytime running light/ Reversing lights



Navigation system



Liftomatic



Racing brake system



Set of wheels “Shark” design  
Rear wheels 10x15"



Set of wheels “Shark” design  
Rear wheels 11x18"



Set of wheels “compressor” design  
chrome



Set of wheels “compressor” design  
matt black

In case of additional equipment of the “Ultimate” version, the basic equipment is not applied.



# LOW RIDER



## CLASSIC DESIGN, COMBINED WITH MODERN TECHNOLOGY

An extremely deep and comfortable seating position excels the Low Rider. Outstanding handling characteristics combined with elegant design inspire its special character.

A generously dimensioned steel framework has worked satisfactorily in the hard every day life of renting applications. Since 2005, the Low Rider is available in the Muscle version with a modern 4-cylinder in-line engine. Since model year 2016 with an increased-power rated engine 1,5 l (110 HP) in our range.

A clearly increased maximum speed as well as more power in all situations of life and less consumption has pushed the classic "Beetle trike" out of the market. The Low Rider Muscle is a beautiful and up-to-date trike, which unites most modern vehicle construction technology with conventional design in unique harmony.



## LOW RIDER ADVANCE



Optional extras: Stainless steel package, Touring handlebars Ø 38 mm, paint

### TECHNICAL DATA

#### LOW RIDER

**Engine**  
1,5 l 4-cylinder in-line engine  
with controlled catalytic converter

**Power** 110 HP (81 kW)

**Gears (forward/reverse)** 4/1

**Torque** 140 Nm at 3.000 min<sup>-1</sup>

**Max. speed** 160 km/h

**Fuel consumption/Range**  
approx. 5 - 7 l/100 km / 400 - 600 km

**Type of fuel**  
Super unleaded 95 ROZ or E10

**Fuel capacity** 38 l

**Frame** 2-parted

**Body** ABS plastic

**Dry weight**  
approx. 730 kg (depending on equipment)

**Gross vehicle weight** 1.000 kg

**Vehicle load capacity**  
approx. 195 kg (depending on equipment)

**Towing capacity** 368 kg

**Dimensions** (depending on equipment)  
Length 3.555 - 3.680 mm  
Width 1.840 - 1.860 mm (depending on tyres)  
Height 1.200 - 1.440 mm

**No. of seats** 2

**Service interval** all 10.000 km

**Guarantee** 2 years





LOW RIDER ADVANCE



Optional extras: Stainless steel package, Touring handlebars Ø 38 mm, paint



NEW HIGHWAY



Advance Version



Rear lights only for export – not available for Europe





# NEW HIGHWAY ULTIMATE



Middle gear change (optional lateral gear change)

**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.

TECHNICAL DATA	<b>NEW HIGHWAY</b>
	<b>Engine</b> 1,5 l 4-cylinder in-line engine with controlled catalytic converter
	<b>Power</b> 110 HP (81 kW)
	<b>Gears (forward/reverse)</b> 5/1
	<b>Torque</b> 140 Nm at 3.000 min <sup>-1</sup>
	<b>Max. speed</b> 160 km/h
	<b>Fuel consumption/Range</b> approx. 5 - 7 l/100 km / 400 - 600 km
	<b>Type of fuel</b> Super unleaded 95 ROZ or E10
	<b>Fuel capacity</b> 38 l
	<b>Frame</b> 2-parted tubular frame, bolted
	<b>Body</b> Wear-resistant GRP
	<b>Dry weight</b> approx. 635 kg (depending on equipment)
	<b>Gross vehicle weight</b> 1.000 kg
	<b>Vehicle load capacity</b> approx. 290 kg (depending on equipment)
	<b>Towing capacity</b> 307 kg
	<b>Dimensions</b> (depending on equipment) Length 3.675 - 3.875 mm Width 1.680 - 1.945 mm (depending on tyres) Height 1.390 mm
	<b>No. of seats</b> 2
	<b>Service interval</b> all 10.000 km
	<b>Guarantee</b> 2 years



# MUSTANG TRIKES

## COMFORTABLE SPORTY WAY TO TRAVEL

With its 4 different selectable engines, 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. Meanwhile, the Mustang is the best-selling trike of the BOOM product range and it is also available as 3-seater. 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

### LARGE STORAGE SPACE

Big 240 l trunk - standard for Mustang and Mustang Family.



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".

### EASY TO MAINTAIN

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







## Equipment "Advance"

Optional extras: Stainless steel package, Touring handlebars wide Ø 42 mm, rear wheels "Shark" design 11 x 18", BOOM/VDO premium instruments unit.

### TECHNICAL DATA

#### MUSTANG

**Engine**  
4-cylinder in-line engine  
with controlled catalytic converter

**Power**  
from 110 HP (81 kW) to 140 HP (103 kW)

**Gears (forward/reverse)**  
5/1 manual transmission / 4 gears automatic  
transmission

**Max. speed**  
from 160 km/h to 180 km/h  
(depending on motorization)

**Fuel consumption/Range**  
approx. 5 - 10 l/100 km / 350 - 600 km  
(depending on motorization)

**Type of fuel**  
Super unleaded 95 ROZ or E10

**Fuel capacity** 38 l

**Frame** 2-parted tubular frame, bolted

**Body** Wear-resistant GRP

**Dry weight**  
approx. 645 kg to 745 kg  
(depending on equipment)

**Gross vehicle weight**  
1.000 kg to 1.100 kg (depending on motorization)

**Vehicle load capacity**  
approx. 280 kg (depending on equipment)

**Towing capacity**  
312 kg to 362 kg (depending on motorization)

**Dimensions** (depending on equipment)  
Length 3.675 - 3.875 mm  
Width 1.680 - 1.945 mm (depending on tyres)  
Height 1.350 mm

**No. of seats** 2

**Service interval** all 10.000 km

**Guarantee** 2 years





MUSTANG ULTIMATE





2 airscoops in series get replaced  
by a bigger Turbo-scoop (intercooling).

# MUSTANG 2,0 L TURBO 250 HP

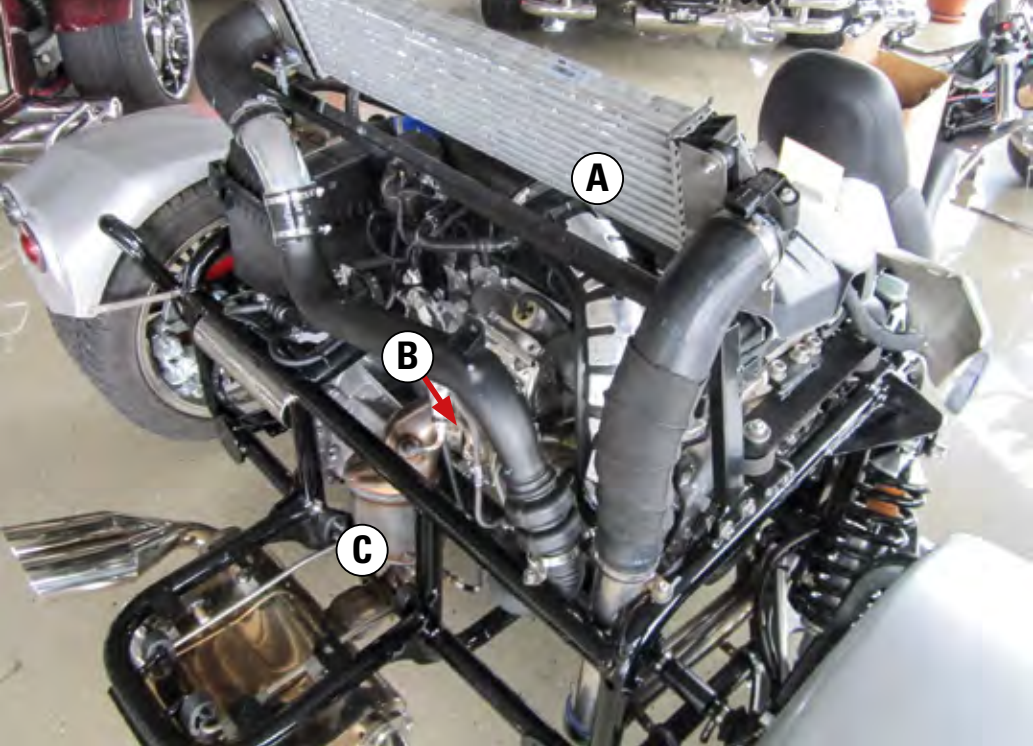
THE TRIKE-MANUFACTORY BOOM TRIKES MAKES THE PULSE OF FRIENDS OF THE HOT TIRES ACCELERATE WITH THE INTRODUCTION OF THE FASTEST STANDARD TRIKE IN THE WORLD.

With its new 2.0 liter turbo engine, the Mustang ushers a new era in the trike sector. It is the world's fastest standard trike with a max. speed of 235 km/h. Not only thanks to the compactness, mobility and dri-

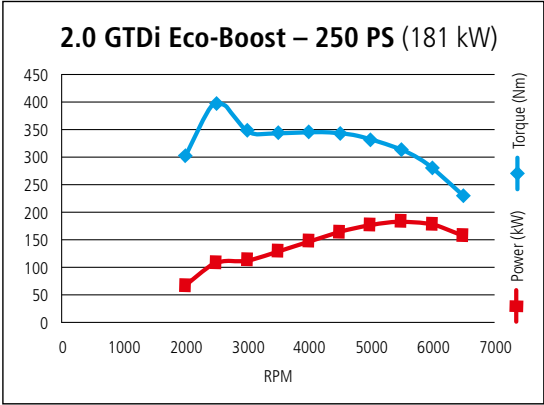
ving agility but also due to the extremely comfortable seating position and the extraordinary design, the Mustang is the trike everyone is talking about. Thanks to the deep and secure seating position, the co-driver is sitting

well-protected behind the driver and is at the same time able to glance over him. The Mustang disposes of a standard convenient trunk with 240 l storage space. Low profile tyres 295/30 on 18-inch alloy rims are also availab-

le on the Turbo as standard equipment as well as a racing brake system, that guarantees the necessary deceleration. The existing body design stays the same, except of the air scoop.



Due to the huge power the intercooler (A) is larger. The exhaust turbocharger (B) and the catalyst (C) are in the back of the engine. Thus the water cooler can stay at his place in front of the engine. However it will be replaced by a high performance coolant, that it specially produced.



RPM	Torque (Nm)	Power (kW)
2000	304.7	63.8
2500	398.8	101.1
3000	348.1	109.4
3500	345.5	126.7
4000	345.6	144.8
4500	343.5	161.9
5000	332.0	173.9
5500	314.8	181.3
6000	280.6	176.3
6500	228.8	155.8
Max Power kW/rpm		181/5500
Max Torque Nm/rpm		398/2500
Max Const. rpm		6500
Max Intermit. rpm		6800



235 km/h are an announcement, that does not leave anybody cold. The BOOM newcomer will be clear up with the prejudice of many a biker, that trikes are slowly chugging through the landscape. Nevertheless, it also possible to cruise relaxed with 250 HP. In any case the Trike-Magazine is curious about the first test drive and surely we'll report about it in detail.

## TECHNICAL DATA

Engine:	2.0 GTDi EcoBoost
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:	250 PS (181 kW)
Torque:	398 Nm @ 2500 U/min.
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 forward/back:	6 gears automatic gearbox with tiptronic
Top speed:	235 km/h
Speed-up 0-100 km/h :	In 4,7 sec.
Fuel consumption/range :	approx. 8-10 l./100 km / 250 - 400 km (depending on driving)
Fuel:	Super unleaded 95 ROZ or E10
Fuel capacity:	32 l
Frame:	2-partly tubular frame, steel, screwed
Chassis:	non-aging GRP
Dry weight:	approx. 780 kg
Gross vehicle weight:	1.100 kg
Possible vehicle load capacity:	approx. 320 kg (depending on equipment)
Possible towing capacity:	362 kg (EU)
Dimensions (depending on equipment):	
Length:	3.675 - 3.875 mm
Width:	1.680 - 1.945mm
Hight:	1.350 mm
No. of seats:	2
Service interval:	every 10.000 km
Guarantee:	2 years
Made in Germany	



# MUSTANG TRIKES

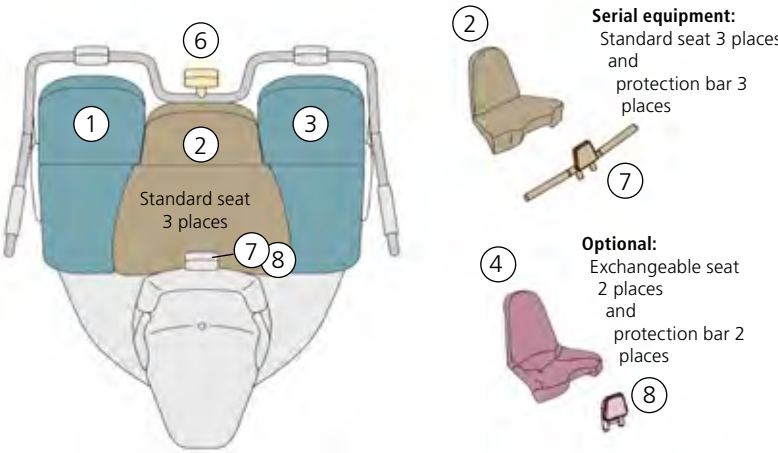
## MUSTANG FAMILY

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 ⑥ as well as the 3 seater protection bar ⑦. 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) ④ which will be delivered together with a 2 seater protection bar ⑧.

# MUSTANG FAMILY





# MUSTANG FAMILY ADVANCE



Optional extras: BOOM/VDO premium instruments unit, stainless steel package, Touring handlebars wide Ø 42 mm.

TECHNICAL DATA	<b>MUSTANG FAMILY</b>
	<b>Engine</b> 4-cylinder in-line engine with controlled catalytic converter
	<b>Power</b> from 110 HP (81 kW) to 140 HP (103 kW)
	<b>Gears (forward/reverse)</b> 5/1 manual transmission / 4 gears automatic transmission
	<b>Max. speed</b> from 160 km/h to 180 km/h (depending on motorization)
	<b>Fuel consumption/Range</b> approx. 5 -10 l/100 km / 350 - 600 km (depending on motorization)
	<b>Type of fuel</b> Super unleaded 95 ROZ or E10
	<b>Fuel capacity</b> 38 l
	<b>Frame</b> 2-parted tubular frame, bolted
	<b>Body</b> Wear-resistant GRP
	<b>Dry weight</b> approx. 653 kg to 745 kg (depending on equipment)
	<b>Gross vehicle weight</b> 1.000 kg to 1.100 kg (depending on motorization)
	<b>Vehicle load capacity</b> approx. 280 kg (depending on equipment)
	<b>Towing capacity</b> 312 kg to 362 kg (depending on motorization)
	<b>Dimensions</b> (depending on equipment) Length 3.675 - 3.875 mm Width 1.680 - 1.945 mm (depending on tyres) Height 1.350 mm
	<b>No. of seats</b> 3
	<b>Service interval</b> all 10.000 km
	<b>Guarantee</b> 2 years





## MUSTANG FAMILY ADVANCE



Optional extras: BOOM/VDO instruments unit, stainless steel package, Touring handlebars wide Ø 42 mm



# TrikerSzene

Die Zeitschrift für Szene-Triker



Sonderdruck

1. Drive unit (engine and transmission)	Max. points	BOOM	rewaco
Torque	3	3	2
Power output	3	3	2
Intrinsic value	3	3	2
Sound (series)	3	2	2
Electronic sound system (not available with Rewaco)	2	2	0
Gear graduation	3	2	3
Tiptronic	3	3	2
Ease of maintenance	2	2	1
Prog. durability	3	3	1
<b>Total</b>	<b>25</b>	<b>23</b>	<b>15</b>

2. Suspension	Max. points	BOOM	rewaco
Steering force and manageability	3	3	3
Coordination of fork	2	2	2
Steering behaviour	3	3	2
Riding comfort	3	3	1
Straight-running ability	2	2	2
Rear suspension travel	2	2	0
<b>Total</b>	<b>15</b>	<b>15</b>	<b>10</b>

3. Safety	Max. points	BOOM	rewaco
Braking action, front	3	3	3
Braking action, rear	3	3	3
Kickback	3	3	3
Ground clearance	3	2	2
Engine brake	3	3	1
<b>Total</b>	<b>15</b>	<b>14</b>	<b>12</b>

4. Workmanship/ intrinsic value	Max. points	BOOM	rewaco
Body / joint dimensions	3	2	3
Seats	2	2	1
Frame and attached parts	3	3	2
Electrics /instruments	3	2	1
Stainless steel parts	2	2	1
Details	2	2	2
<b>Total</b>	<b>15</b>	<b>13</b>	<b>10</b>

### Conclusion

Neither engine gives away much in terms of power and torque. The rewaco transmission from Punch Powertrain makes a good impression and progresses smoothly up to top speed. Gear graduations are discernible with the BOOM torque converter transmission. If you prefer a meatier sound, you can also order an electronic sound system for the BOOM. The drive unit of the BOOM makes an altogether more robust impression.

### Conclusion

The BOOM's modern aluminium suspension, significantly longer rear suspension travel, and discernibly more neutral steering behaviour result in a clear winner in this category. The rewaco suspension is alright for sports use but simply too hard for touring use, and appears somewhat wobbly at higher bend speeds.

### Conclusion

Both of these trikes have a braking system with excellent deceleration. Similarly, both vehicles allow the handlebars to be released without the risk of any dangerous kickback. The CVT transmission from rewaco has virtually no engine brake in automatic mode for system-related reasons, which can result in the brakes becoming hot during extended downhill stretches. The latency between releasing the accelerator and braking requires constant braking readiness, particularly in incercity use and when riding in a convoy.

### Conclusion

At first glance, the rewaco makes at least as good an impression as the BOOM. But carelessly placed electronics, the absence of a fuse box and the use of cheaper components (regarding intrinsic value) emphasise the difference in class.

5. Everyday use	Max. points	BOOM	rewaco
Ergonomics, rider	2	2	2
Ergonomics, passenger	2	2	2
Luggage storage	3	3	1
Range	2	2	2
Payload	2	2	2
Boarding and exiting	2	2	1
Opening the body / trunk	2	2	0
<b>Total</b>	<b>15</b>	<b>15</b>	<b>10</b>

### Conclusion

Seating on both trikes is excellent. This applies equally to both rider and passenger. However, due to the lack of a hydraulic lift for opening the body a leg protector bar that hinders exiting, an enlarged and yet still smaller trunk, and non-waterproof seats, the rewaco is in second place in terms of everyday riding use.

6. Cost	Max. points	BOOM	rewaco
Tax / insurance	2	1	1
Consumption	3	2	3
Inspection costs	3	3	1
Maintenance costs	3	2	2
Purchase price	4	2	3
<b>Total</b>	<b>15</b>	<b>10</b>	<b>10</b>

### Conclusion

Triking is an expensive hobby. Both trikes presented here have a list price of over thirty thousand euros.

Rewaco scores with its lower entry level price but loses its lead with its higher inspection costs. In terms of tax and insurance, both models are neck and neck.

7. Overall score	Max. points	BOOM	rewaco
<b>Total</b>	<b>100</b>	<b>90</b>	<b>67</b>

### Conclusion

A really surprising result. I would not have expected that these two vehicles, which looked approximately equal at first glance in terms of value, would produce such a clear winner. But as already stated at the start, not every model keeps the promise that its initial appearance makes.

Download the whole test report at [www.boom-trikes.com](http://www.boom-trikes.com)



## Mustang Automatik

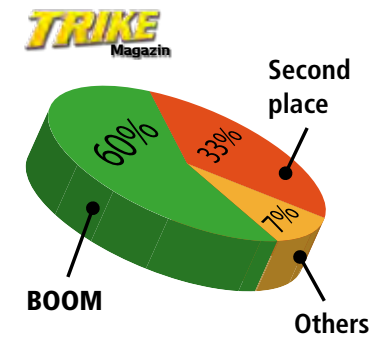


Trike of the Year 2016

## Which trike would you buy?

(Result of the reader survey conducted by TRIKE-Magazin 15-4)

We would like to thank the readers of the TRIKE-Magazine for their confidence.



In a reader survey conducted by ATV & Quad with 5000 participants, our Mustang Automatic was voted as "Trike of the Year 2016" with a "signifi cant" edge.



Award at the INTERMOT in Cologne on 06.10.2016







## COLOURS

### 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.

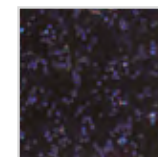
#### • Our 10 standard colours:



Black red  
effect



Black green  
effect



Black blue  
effect



Sapphire  
RAL 5003



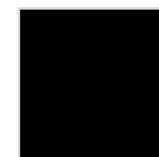
White  
RAL 9003



Yellow  
RAL 1021



Red  
RAL 3002



Black  
RAL 9005

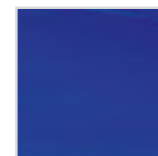


Graphite grey  
RAL 7024



Orange  
RAL 2004

#### • Our 2 standard colours for Low Rider:



Blue metallic



Red metallic

### BI-COLOUR DESIGN (for New Highway, Mustang and Mustang Family)

\* Bi-Colour special colours includes  
base colour bodywork (K) in colour: \_\_\_\_\_

and attachment parts (H)(L)(S)(T) in contrast colour: \_\_\_\_\_

- rear spoiler (H)
- two air scoops (L) (Mustang)
- two side inlets (S)
- triangle on tank dummy (T)



Driver seat  
Basic colour black  
Lateral support (A) in:

- ☐ black
- ☐ red
- ☐ grey





LIFESTYLE FOR HER AND HIM



**BOOM LEATHER JACKET**  
The exclusive and heavy duty BOOM leather jacket for trikers, who would like to have something special. Leather and inside lining are black, inside pocket with zipper. Artwork on the back.

Sizes: S-XXXL  
Item number: 300 05 38  
**Price: € 297,50**



**WAISTCOAT "NIGHT RIDER"**  
Artistic airbrush-artwork on a tied up, black leather waistcoat  
Sizes: L-XXXL  
Item number: 300 05 30  
**Price: € 292,00**



**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  
**Price: € 62,50**



**BOOM SWEATSHIRT**  
Selected quality with embroidered logo.  
Sizes: L-XXL  
  
Colour: black, red or blue  
Item number: 300 04 09  
**Price: € 49,90**



**BLACK T-SHIRT**  
100 % fine combed cotton. Ideal dimensional stability by ringspin. Comfortably soft to touch. About 160g ware with reinforced neck tie.

Imprint: front Logo  
back Pegasus, silver  
Sizes: S-XXL  
Colour: Black  
Item number: 300 02 89  
**Price: € 19,90**



**T-SHIRT LOGO & TRIKE**  
Sizes: S-XXL  
Colour: black or white  
Item number: 300 03 06  
**Price: € 9,00**



**POLO PIQUET CONTRAST**  
Trendy two-coloured polo shirt. Button panel, collar and cuffs with white stripe. Ribbed collar. Embroidered logo on the left side of the chest.  
  
Sizes: S-XXL  
Colour: navyblue/white  
Item number: 300 04 59  
**Price: € 39,00**



**NECK WARMER**  
Thermax fleece lining, breathable. Nibo wind stopper, lateral zipper. Imprint: BOOM TRIKES, silver  
Sizes: S, M, L, XL

Colour: black  
Item number: 300 38 80  
**Price: € 23,80**



**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: € 24,50**



**BOOM BRACES**  
With cases for cigarette boxes and cigarette lighter worked into them.  
  
Item number: 300 06 10  
**Price: € 23,50**



**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**

All prices are recommended retail prices in €, ex-works Sontheim, excluding VAT.





### 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: € 40,00**



### BOOM PATCH

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



### BOOM EMBLEM

Sticker  
Size: 115 x 55 mm  
Item number: 300 20 50  
**Price: € 9,00**



### BOOM STICKER

Logo with BOOM colours.  
Size: 14 x 8 cm  
Item number: 300 21 15  
**Price: € 0,55**



### BEER MUG

Bavarian mug, 0,5 l  
grey glazed  
Imprint: Logo, 4-coloured  
Item number: 300 05 30  
**Price: € 9,90**



### 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**



### 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**



### WEIZEN BEER GLASS

Weizen Beer glass "Walchensee", 0,5 l  
Imprint: Logo, white matt  
Item number: 300 24 70  
**Price: € 7,00**



### FIGURE PEGASUS

Screwable  
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**



### GLOVES "SILVERSTAR"

Wind and water resistant.  
Continuously lined. Nubuck leather  
on the inside hand. Bolstered up by  
Kevlar.

Imprint: Logo, white  
Sizes: 7-12  
Colour: black  
Item number: 300 38 08  
**Price: € 39,00**



### KIDNEY BELT

Lined inside, on the back taller cut.  
Variable adjustment of the different  
parts by stretch inset. Velcro.

Imprint: Logo, 3 coloured  
Sizes: 1 = 95 cm total length  
2 = 110 cm total length  
3 = 120 cm total length  
4 = 130 cm total length  
Item number: 300 38 60  
**Price: € 11,90**





Testride Morocco 2000



Testride Norway December 2015









This catalogue **BOOM TRIKES 2017** is valid as of **02.01.2017**.  
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