

www.humbaur-big-one.eu



BIG ONE BIG ONE MEGA

NEW

>>>> The new stars in the world of trailers



Competence in Trailers



HUMBAUR

»»»» About us

»»»» More than 25 years of success in our company history, more than 380.000 trailers built. And every year another 35.000 new trailers more – Humbaur is one of the leading trailer manufacturerer in Europe. The new BIG ONE is the culmination of our many years of experience and continually growing know-how. Competent and comprehensive customer care, innovative ideas, state-of-the-art construction facilities and a clear focus on quality are our strengths.

»»»» As an owner-managed, medium-scale family company, we know what our customers need and how they work. That's why we develop thoroughly, construct carefully and test every product to perfection. The new BIG ONE has successfully established it's reputation over many kilometers of toughest testing on an automotive industry testing track. We test our products – test us now.



Competence in Trailers



Made in Germany



»»»» Innovation on wheels – tried and tested 380.000 times

»»»» For decades now, our concentration on core competences in the development of transport trailers and branch solutions characterises the production in our factory in Gersthofen. In the meantime, the Humbaur range includes 330 series models: 230 series production box-body models (Series 1000 to 9000) with all-up weights of 750 kg to 3.5 t. 100 series production models in the air-braked class, with all-up weights of 5 t to 30 t (Series 10000 and 11000). And now, brand new: three series production heavy transport trailers with 39 t all-up weight (Series 20000 BIG ONE).

»»»» With our many years of experience in all areas of trailer construction, we are in a position to ensure the higher-than-average standards of our products and

we guarantee to our customers the highest quality – quality Made in Germany.

»»»» We are constantly growing, and intend to maintain our growth. This is the reason for expanding our range with BIG ONE and BIG ONE Mega, our new flatbed semi-trailers for the heavy goods transport sector.



BIG ONE



HUMBAUR BIG ONE



»»» **Handy:** Fast side curtain tensioning – Humba brand quality includes curtain tensioning gear.



»»» **Ease of access:** Control panel with monitoring sockets, raising/lowering equipment and emergency release gear.



»»» **Safe:** The heavy duty landing legs of the BIG ONE are generously dimensioned and include a massive cross-brace.



10 YEARS
Guarantee against rusting
of frame components
(without extras) for all
BIG ONE trailers

»»» The largest proportion of heavy freight traffic is moved across Europe, and beyond, by traditional flat-bed semi-trailers. Just the thing for our new BIG ONE. Another standard semi, you may well ask? Correct. But to a very special standard: selected components, premium construction: Built in the best sense of Made in Germany

»»» The BIG ONE is available as a platform Type 1 semi with a coupling height of 1070 mm and as Type 2 with 1140 mm fifth wheel height. And step by step, in further versions to meet your specific requirements, for instance – brand new – the Mega version.

»»» When success is the name of the game, team players are needed. That's why we carefully selected our team for the BIG ONE. And selected the best components on the market too.

»»» We construct the rigid frame with torsion bars from high-tensile, hot-galvanised steel. Absolutely durable and rustproof – we promise you. Keyword axles: SAF Intradisc-plus Integral – do we have to say more?

Let's take a closer look at the components of the BIG ONE. The durable curtains. The stakes. The top-quality curtain tensioner and tail-doors. Aluminium tail-light mountings. Under-run protection in galvanised, powder coated sheet steel. The lights. Top-brand tyres. Everything in the quality we demand from ourselves and live for our customers.

»»» Every transport task demands a special solution. That's why you can have your BIG ONE custom built. Just the way you want it, lifting or self-steering axles, spare wheel mount, ferry lashing points, pallet storage racks, document pouches and mounts, or whatever else you need – our pleasure, we can do it.

»»» **Premium quality:** 3-axle, SAF Intradisc-plus Integral, with 6-year or 1 million km guarantee on axles and 500.000 km against continuous cracks in the trailer brake discs.

»»»» could suit you just nicely



»»» **Well thought out:** helical-shaft locking bars on the rear portal, internal and well protected, 270° tail doors, well designed clamping locks.



»»» **Stability:** Rigid high-tensile steel ladder frame with torsion bars, hot-galvanised throughout.



»»» **Reliability:** High-quality, 3-axle running gear, SAF Intradisc-plus Integral and long-life top-brand tyres.

BIG ONE



»»» Safety first, when driving and keeping your load safe. High stability, ventilated disc brakes, electronic braking system and the Roll Stability System (RSS) too – it's all there.

»»» The outer frame of the BIG ONE has a narrow grid of holes. Oval attachment points for all common types of lashing hooks, the outer frame also has 15 pairs of lashing eyes, certificated according to DIN EN 12642 XL, and the German technical testing agency TÜV – that's what we call safety.



»»» **Open all round:** The standard sliding roof and side curtains are opened and closed in a flash (option: construction certificated according to DIN 12642 XL and aluminium panel inserts).

»»» **For any eventuality:** ruggedly built aluminium box section rear wall (with optional fire extinguisher and document pouch).



»»» **Practical:** The aluminium rear wall of the BIG ONE has tough metal forklift impact protection.



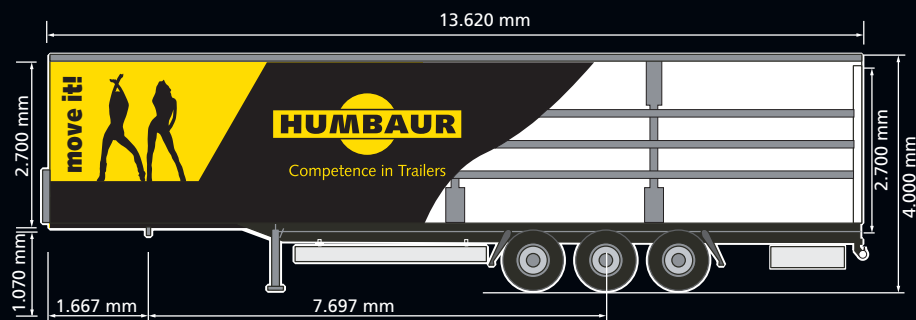
»»» **Step by step:** A fold-away, three-rung access ladder is mounted under the loadbed.



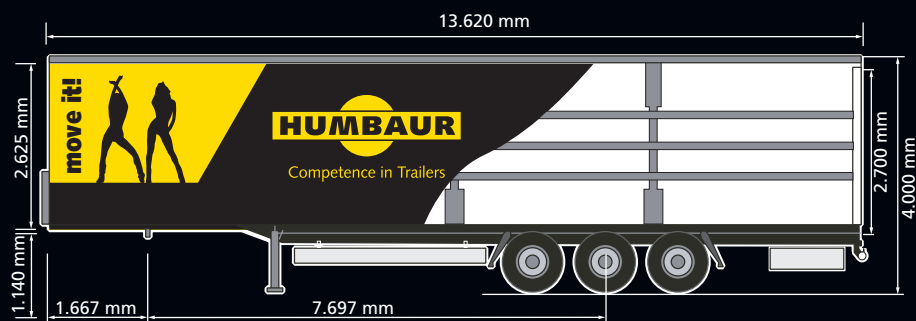
»»» **Robust:** The BIG ONE can take it, massive corner stanchions and bolted roof elements as an example of quality.



Type 1



Type 2



Model	BIG ONE Type 1 / Type 2
Fifth wheel load	12.000 kg
Axle load capacity	24.000/27.000 kg
Gross vehicle weight	35.000/39.000 kg
Unladen weight approx.	ca. 6.460 kg
Wheelbase	1.310/1.310 mm
Suspension track width	1.300 mm
Wheel track	2.040 mm
Overall length	13.900 mm
Overall width	2.550 mm
Load platform length	13.620 mm
Load platform width	2.480 mm
Side front through-loading height	2.625-2.700 mm
Side rear through-loading height	2.700 mm
Rear portal through-loading height	2.780 mm
Unladen loading height at centre axle centre line	1.180 mm
Laden loading height at centre axle centre line	1.150 mm
Roof construction height	125 mm
Roof construction height	125 mm
Neck height	120 mm

»»»» **Frame:** Lightweight high-tensile steel ladder construction, with bolted perforated cross members, sturdy crossbars combined with special torsion struts for high torsion rigidity. Complete frame hot-galvanised throughout.

»»»» **Running gear:** SAF-3-axle unit Intradisc-plus Integral with ventilated disc-brakes (Ø 430 mm), low maintenance pneumatic suspension with lifting and lowering device, +/- 90 mm travel. Tyres 385/65 R 22.5" on steel hubs, ET 120 mm.

»»»» **Landing legs:** Mechanical gearing, low and high gear, lifting capacity 24 t. Levelling foot operable from one side.

»»»» **Brakes/suspension:** Electronically controlled braking system with RSS active stability system, spring operated parking brake, steel air cylinders. Control unit with lifting/lowering valve, double release valve, diagnostic socket and testing connections behind left axle unit.

»»»» **Loadbed:** 27 mm, 20-ply bonded waterproof composite panels, sealed edges, top-hat section on longitudinal stringers, stability compliant with DIN 283 standards, max. forklift axle loading 7000 kg.

»»»» **Construction:** Front wall in aluminium box section construction with forklift impact protection. Aluminium box section rear doors, hinge protection, two interior revolving locking bars. 270° doors with fixing mechanism. Side tarpaulins tensioned over rear mounting shafts, ratcheted at rear, tensioning lever at front. Front opening sliding roof cover, white roof tarpaulin, steel wire roof strengtheners. Hot-galvanised front and rear steel stanchions bolted to chassis frame, three adjustable, telescopic stakes and two additional recessed stake bearings. Sliding roof cover. Wooden or aluminium slats depending on cargo type.

»»»» **Load securing:** 1 Pair of lashing eyes, DIN EN 12640 standard, on front corner stakes, 15 pairs of retractable lashing rings on the outer frame, outer frame perforated and with V-slots for lashing eyes.

»»»» **Electrics:** 24 Volt / 15-pole socket according to DIN/ISO 12098, LED side lights and corner lights at front and rear, two multi-section taillights with integrated triangular reflectors, two registration plate lights.

»»»» **Fittings:** One pair of rubber rear impact buffers, two wheel chocks with mountings, lateral underrun protection. Mudguards at front and rear of running gear, at rear with mudflaps. Anodised aluminium lighting bracket. Galvanised and powder coated steel plate underrun protection.

NEW

BIG ONE MEGA



HUMBAUR BIG ONE MEGA



»»» Well built: The BIG ONE rolls on high quality SAF Intradisc-plus integral axles with pneumatic suspension.



»»» Safe on all sides: lateral protection skirts in galvanised steel plate, powder coated, light and tough at the same time. And easily replaced if necessary.



»»» Big Wheel: The standard BIG ONE Mega rolls on a set of 19.5 inch wheels (optional: 22.5 inch).



»»» Sometimes a little more is a good thing: more space, more height and even more functionality. The answer to this is the BIG ONE Mega. The new flatbed semi-trailer in the mega-class is simply gigantic: three meters high inside. 100 cubic metres of cargo space.

»»» Up for a little more?

Just right for moving parts boxes for the automotive industry, and much, much more.

»»» With the new Mega you can really pack it in. And the BIG ONE Mega won't go weak in the knees even then. Tough

and wide-rail sections and double-bridging plates make up for the slender frame of the neck. The Mega is just as rugged as the BIG ONE. It keeps its promises. And keeps them for a many, many years: Thanks to the long-term rust resistance of hot-galvanised steel frames with a 10-year guarantee against rusting. Thanks to high torsion stability due to sturdy torsion beams. You can count on the BIG ONE Mega.

»»» Thanks too to its superb components. Whether SAF Intradisc-plus axles, or tyres, or aluminium rear light mounting bracket or underrun protection in galvanised, powder coated steel plate, or its sliding roof cover: nothing but the best, finest top branded quality.

(optional: aluminium drop-in slats)



»»» **Tied down:** standard outer frame with lashing eyes and retractable lashing rings (optional: bolted pallet battens).



»»» **Tough:** torsion free frame in high-tensile steel with torsion bars, hot galvanised throughout.



»»» **Well stacked:** The standard versions have a mechanical lifting roof, reinforced tarpaulins and is certificated according to DCE RL 9.5 and DIN 12642 XL.

NEW

BIG ONE MEGA



»»» To be quite honest: quite a comprehensive package, high safety standards and best quality: the BIG ONE Mega is just the job (optional: aluminium drop-in slats)

10 YEARS

Guarantee against rusting of frame components (without extras) for all BIG ONE trailers

»»» Safety is first priority at Humbaar. This is why the standard BIG ONE Mega has reinforced curtains and a stiffened roof. And an outer frame with oval holes for lashing hooks, lashing rings, V-slots for lashing eyes, collision buffers on the front wall and a mass of other safety details.

»»» The consequence is certification on which you can depend: Whether DaimlerChrysler standard DCE RL 9.5, or DIN EN 12642 XL with a loading security certificate from the German techni-

cal testing agency, TÜV – the BIG ONE Mega is a safety packed trailer. That's why it also has an electronically controlled braking system, ventilated disc brakes and the stability control system, Roll Stability Support (RSS).

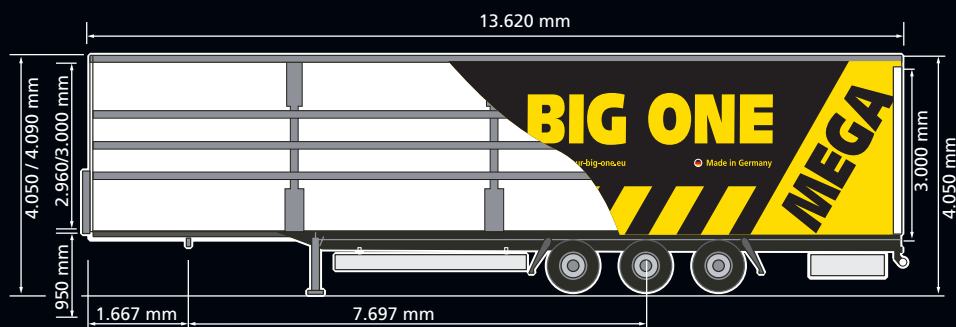
»»» The BIG ONE Mega is practical whichever way you look at it: Resilient bridge plates for forklift axle loads of up to 7 tonnes, adjustable stakes, lifting roof – what more could you ask for? BIG ONE Mega.



»»» Premium quality: 3-axle, SAF Intradisc-plus Integral, with 6-year or 1 million km guarantee on axles and 500,000 km against continuous cracks in the trailer brake discs.



Type
Mega



Model	BIG ONE Type Mega
Fifth wheel load	12.000 kg
Axle load capacity	24.000/27.000 kg
Gross vehicle weight	35.000/39.000 kg
Unladen weight	ca. 6.890 kg
Wheelbase	1.310 mm
Suspension track width	1.300 mm
Wheel track	2.010 mm
Overall length	13.900 mm
Overall width	2.550 mm
Load platform length	13.620 mm
Load platform width	2.480 mm
Side through-loading height without raised roof	2.820 mm
Interior height	3.000 mm
Rear portal through-loading height	2.925 mm
Unladen loading height at centre axle centre line	1.000 mm
Laden loading height at centre axle centre line	970 mm
Roof construction height	230 mm
Neck height	80 mm

»»»» **Frame:** Lightweight high-tensile steel ladder construction, with bolted perforated cross members, sturdy crossbars combined with special torsion struts for high torsion rigidity. Complete frame hot-galvanised throughout.

»»»» **Running gear:** SAF-3-axle unit Intradisc-plus Integral with ventilated disc-brakes (Ø 370 mm), low maintenance pneumatic suspension with lifting and lowering device, +/- 90 mm travel. Tyres 445/45 R 19.5" on steel hubs, ET 120 mm.

»»»» **Brakes/suspension:** Electronically controlled braking system with RSS active stability system, spring operated parking brake, steel air cylinders. Control unit with lifting/lowering valve, double release valve, diagnostic socket and testing connections behind left axle unit.

»»»» **Landing legs:** Mechanical gearing, low and high gear, lifting capacity 24 t. Levelling foot operable from one side.

»»»» **Loadbed:** 27 mm, 20-ply bonded waterproof composite panels, sealed edges, top-hat section on longitudinal stringers, stability compliant with DIN 283 standards, max. forklift axle loading 7.000 kg.

»»»» **Construction:** Certificated according to DIN EN 12642 XL, front wall in aluminium box section construction with forklift impact protection. Aluminium box section rear doors, hinge protection, 2 interior revolving locking bars. 270° doors with fixing mechanism. Side curtains on both sides, vertical and horizontal reinforcement belts welded into the curtains, with 23 quick tensioning connectors for clipping to outer frame. Side tarpaulins tensioned over rear mounting shafts, ratcheted at rear, tensioning lever at front. Lifting roof with manual adjustment, full travel approx 400 mm, white roof tarpaulin with steel wire roof strengtheners. Hot-galvanised front and rear steel stanchions bolted to chassis frame, below each a 600 mm slat pocket, above, four slat pockets, on each side, two adjustable, telescopic stakes and two additional recessed stake bearings. Wooden or aluminium slats option, depending on cargo type.

»»»» **Load securing:** 1 Pair of lashing eyes, DIN EN 12640 standard, on front corner stakes, 15 pairs of retractable lashing rings on the outer frame, outer frame perforated and with V-slots for lashing eyes.

»»»» **Electrics:** 24 Volt / 15-pole socket according to DIN/ISO 12098, LED side lights and corner lights at front and rear, two multi-section taillights with integrated triangular reflectors, two registration plate lights.

»»»» **Fittings:** One pair of rubber rear impact buffers, two wheel chocks with mountings, lateral underrun protection. Mudguards at front and rear of running gear, at rear with mudflaps. Anodised aluminium lighting bracket. Galvanised and powder coated steel plate underrun protection.

BIG ONE MEGA

ACCESSORIES



»»» Save your tyres – and your well earned money: Lifting leading axle.



»»» Very light – and very good looking: 22.5 Inch aluminium hubs save weight for your payload. Either 385/65 R 22.5 or 385/55 R 22.5 on aluminium hubs.



»»» In reserve: BIG ONE and BIG ONE Mega can roll up with a spare wheel.



»»» In some countries a law, in others a courtesy: Spray protection on the mudguards to prevent spray clouds in wet weather.



»»» Economical: Wooden drop-in slats, drivers can't get enough of them on some trips.



»»» Light fantastic: drop-in aluminium slats increase safety and reduce weight at the same time.



»»» An ace up your sleeve: an extra five pairs of stake sleeves hung in the frame for additional stakes.



»»» Plug and play: Five pairs of plug-in stakes in an underfloor housing.



»»» A leading roll: Roller collision buffers at the rear instead of standard rubber blocks.



»»» Pallet stopper: bolted pallet stopper battens are an optional extra for all BIG ONE models.

»»» Well protected: Freight documents are safe from wind and weather in the document holder on the front trailer wall.

»»» A place for everything: and everything in it's place in a lockable storage box – whether lashing gear, gloves or tools.



»»» Up and away: The lifting roof is the most popular extra for the BIG ONE and standard on the Mega.

»»» Watch out: Contour markings, rear or side, two ECE 70 marking plates and a collision bumper on request.

»»» Safety: Fire extinguisher and tarpaulin rope, close to hand on the driver's side of the front trailer wall.



»»» Ferry good: four pairs of lashing eyes for a secure ferry crossing.

»»» It's all in the box: spacious pallet storage box in front of the running gear, enough room for 24 euro-pallets.

»»» The same again and more: The pallet box is also available for 30 euro-pallets.



ACCESSORIES

No.	Description	Type 1	Type 2	Type Mega
	Axles			
1	Lifting axle 2-sided lift (front axle)	■	■	■
	Trailing steering axle	■	■	—
	Brakes			
	Brake pad wear monitor 'PAD-Control'	■	■	■
	Duomatic coupling	■	■	■
	Tyres			
	Tyres 385/55 R 22.5 alternative to standard tyres	■	■	—
2	Complete wheel set 385/65 R 22.5 on aluminium hubs	■	■	—
2	Complete wheel set 385/55 R 22.5 on aluminium hubs	■	■	—
3	Spare wheel mount	■	■	■
3	Spare wheel	■	■	■
7	Mudguards with 'Antispray' spray protection compliant with RI91/226/EWG Important! Compulsory in some EU countries	■	■	■
	Construction			
8	Per row, wooden slats	■	■	■
9	Per row, aluminium slats	■	■	■
16	5 Pairs of stake sleeves for plug-in stakes	■	■	■
17	5 Pairs of plug-in stakes with underfloor housing	■	■	■
18	Rear end roller collision buffers	■	■	■
13	Full width collision protection bar	■	■	■
	Rear portal extension approx. 500 mm	■	■	■
10	Lifting roof	■	■	Standard
	Superstructure, DIN 12642 XL certificated (without lifting roof)	■	■	—
	Superstructure, DIN 12642 XL certificated (with lifting roof)	—	—	Standard
	Roof cover valance in a choice of colours	■	■	■
	Certificated roof cover valance in a choice of colours	■	■	■
4	Pallet stopper battens	■	■	■
	Lettering / Painting			
	Lettering, side curtains	■	■	■
	Lettering, rear doors	■	■	■
	Rear doors in RAL colour laminates	■	■	■
	Others			
15	Fire extinguisher box	■	■	■
5	Document holder approx. 360 x 270 mm	■	■	■
6	Tool box B600xT600/420xH360/130	■	■	■
19	4 Pairs of ferry lashing eyes	■	■	■
	'SAF-O-Meter' distance counter	■	■	■
	Lighting cable 2x7 pole plug	■	■	■
20	24 EuroPallets	■	■	■
21	Pallet storage box for 30 EuroPallets	■	■	—
11	Contour markings, rear or side	■	■	■
12	ECE 70 rear marking plates	■	■	■
14	Tarpaulin rope	■	■	■

■ available — not available

SERVICE 24



»»» The guarantee that your trailer and your business keep running: Humbaур Service 24.

Competence means short distances

»»» Short distance, hot line: That's Humbaур Service. We are there for you, just drop in to see us: On the web at www.humbaур-big-one.eu. Or in our competence centre at our headquarters in Gersthofen near Augsburg. Just a few minutes from the Autobahn A8.

Tailor-made financing

»»» We bring along our tailor-made financing and leasing details. And, if you like, we'll take care of your used trailer too. We have reliable partners for finance questions of any kind. Whether you are interested in leasing, hire purchase or a classical financing package: At the touch of a button we can call up the right package for you. And confirmation within minutes too.

Humbaур all-round service

»»» We are there for you after you have become the proud owner of a Humbaур trailer too. For instance, with a service network you can depend on. Just call the toll-free number **+800 0 HUMBAUR (+ 800 0 486 22 87)** and our multilingual team will be ready to help you however they can. Around the clock and 365 days a year.

»»» If, for some unknown reason, this doesn't work out as it should, our partner Service 24 will take care of your trailer. With calculable standard prices in Germany and throughout Europe. Just show your Humbaур Card and it'll run like clockwork. Our trained service partners will get you back on the road as soon as possible. And if it comes to a crunch, your spare parts are on their way in minutes. To keep your trailer – and your business – running. With a BIG ONE, you and your drivers are never alone. You can depend on it.

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www.humbaur-big-one.eu



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Humbaur GmbH • Mercedesring 1 • 86368 Gersthofen, Germany • + 49 (0) 821 / 249 29-0
www.humbaur-big-one.eu • info@humbaur-big-one.eu