

Your most important advantages:

- Unique operation and slipping comfort(*) - also with shaft drives, keel fins, stepped or multiple hulls
- Unique SIGMA system frame with nearly endless upgrading and modification options for optimum fitting to nearly every boat
- Frame with with most warp resistant bearing tube dimension of it's class for most steady driveability
- All steel weldings away of frames main tension points - much higher security against dangerous fatigue cracks of the welds compared with conventional frame constructions
- Best in class winch stand(*) with various adjusting and upgrading options for nerly every boat - incl. strong winch strap
- Crossmembers at low axle height for lowest center of gravity of the boat
- Optical axle alignment (lasered) for best directional stability
- Best in class light bar with lowest weight, safest quick fasteners and easy to maintain by removable cable duct
- Waterproof LED side marker and marker lights with waterproof wiring
- Most severly quality assurance of its class with all over checking of all parts and functions
- Experienced pre- and after-sale support

Basic equipment: Extrarugged SIGMA-Systemframe, made of hot galvanized steel with high overloading reserves, higher warp resistant than comparable welding constructions • Safe frame construction according ISO 7641/1 with nearly endless adjusting and equipping possibilities for optimum fitting to nearly every boat • Drawbars v-cranking made by material reinforcing compression moulding - no critical crack risks than at conventional welded constructions • All steel weldings away of frames main tension points - much higher security against dangerous fatigue cracks of the welds compared with conventional frame constructions • All bearing screwings in self-locking heavy duty versions • Alko premium running gear with waterproof and maintenance free wheel bearing, rubber-spring damped, automatic brake release at back down (from SE-1000), adjustable • Corrosion resistant brake cables • Brand tires, first class, low profile design up to 750 kg wheel load • Rugged trailer jack, wide & superquick adjustable - heavy duty version (500 kg) from ST-2500 • Light and strong aluminium light bar with quick mountings for easiest remove, 1D-adjustable, walk-on-able • Waterproof LED side marker and marker lights with waterproof wiring • Safe wiring inside of frame • Wire harness power connector DIN 11446, 13-pole • Precise directional stability by optical axle alignment • Premium workmanship and most severly (all over!) quality assurance of its class • Crane hook mark for precise vertical load immediately at first loading • Incl. EC car papers • Optional with:

Motorboat version (standard): Extrarugged double tube bow support with rubber v-style bow stop, 2D-adjustable with various modification options for perfect fit to varied boat types. Compared to conventional constructions this bow support increases the usable trailer length often up to 15% • SIGMA AutoLock® bow rest with integrated cable deflection roller - allows automatic bow locking just at straining the winch strap • Extrastrong ALKO premium winch, 2D-adjustable with premium strap • 2 large bunks, 1½D-adjustable, 1½D-inclinable, rugged and precise dimensioned to particular boat weight for perfect and gentle support of your boat and easiest slipping. The waterresistant core and the draining and UV-resistant cover protect against wetness between boat and bunk • Ideal frame-spring 2-point support of the bunks. This protects even sensitive hulls from dangerous impact peaks during riding because for example in the opposite to 3- or 4-point support of the bunks road bumps are no more able to impact at single supports with extreme force into the hull but are gentle cushioned by the frame and smooth load spreaded to all supports • Up to SE-1000 crossmembers at low axle height for lowest center of gravity of the boat, 1D-adjustable • From SE-1300 extrarugged crossmembers ½ D-adjustable deep cranked at low axle height for lowest center of gravity of the boat - made by material reinforcing compression moulding with no critical crack risks than at conventional welded constructions • Rear Crossmembers also forward adjusted - free space for shaft drives or drives of short boats too • **Comfortable slipping also with shaft drives, keel fins, stepped or multiple hulls**

-comfort-

Motorboat version (standard-2): Extrarugged double tube bow support with rubber v-style bow stop, 2D-adjustable with various modification options for perfect fit to varied boat types. Compared to conventional constructions this bow support increases the usable trailer length often up to 15% • *SIGMA AutoLock*[®] bow rest with integrated cable deflection roller - allows automatic bow locking just at straining the winch strap • Extrastrong ALKO premium winch, 2D-adjustable with premium strap • 2 (4 at ST-3000 & ST-3500) crancable side supports with roller beared actuators and 2D-adjustable for quick and safe support of your boat • side supports galvanized with additional yellow chromate coating for maximum corrosion protection • Large 1½D-inclinable rubber hull pads for quick and safe support of the boat • Wide heavy duty poly keel rollers (1200kg/roller), brackets rubber cushioned for protection against hull damages, 1D-adjustable • Front keel roller 1D-adjustable • Up to SE-1000 crossmembers at low axle height for lowest center of gravity of the boat, 1D-adjustable • From SE-1300 extrarugged crossmembers ½ D-adjustable deep cranked at low axle height for lowest center of gravity of the boat - made by material reinforcing compression moulding with no critical crack risks than at conventional welded constructions • Crossmembers in optimized position for hull saving smooth load spreading to the keel rollers • Convenient *SIGMA CenterLoader* slipping aid, 2D-adjustable

Sailboat version (for boat draft max ca. 400 - 500 mm): Extrarugged double tube bow support with rubber v-style bow stop, 2D-adjustable with various modification options for perfect fit to varied boat types. Compared to conventional constructions this bow support increases the usable trailer length often up to 15% • *SIGMA AutoLock*[®] bow rest with integrated cable deflection roller - allows automatic bow locking just at straining the winch strap • Extrastrong ALKO premium winch, 2D-adjustable with premium strap • 4 crancable side supports with roller beared actuators for quick and safe support of your boat, galvanized with additional yellow chromate coating for maximum corrosion protection, 2D-adjustable, 1 D-inclinable • Large and 1½D-inclinable cushioned hull pads for hull saving and safe support of the boat • Up to SE-1000 crossmembers at low axle height for lowest center of gravity of the boat, 1D-adjustable • From SE-1300 extrarugged crossmembers ½ D-adjustable deep cranked at low axle height for lowest center of gravity of the boat - made by material reinforcing compression moulding with no critical crack risks than at conventional welded constructions • Crossmembers in optimized position for hull saving smooth load spreading to the hull supports • Extrarugged & long weatherproof keel pad for safe support of all keel types

Sailboat version standard-2 (for boat draft over ca. 400 - 500 mm): Extrarugged bow support with rubber v-style bow stop, 2D-adjustable and custom length for safe & perfect fit to various sailboat types • 4 rugged jackscrew side supports double braced, 3D-adjustable and in custom length for safe & perfect fit to various sailboat types • Large and 1½D-inclinable cushioned hull pads for hull saving and safe support of the boat • Crossmembers at low axle height for lowest center of gravity of the boat, 1D-adjustable in optimized position for hull saving smooth load spreading to the keel rollers • Extrarugged & long weatherproof keel pad for safe support of all keel types

(*) at motor- or center board boat versions

SIGMA® -Trailer Models Germany-1/2018

Model	Axle style	GV weight	Dead weight. (*)	Length o.a. (ca.)
<i>eco</i>				
SE-750	Einachser/ungebremst	750 kg	158 kg	4,9 - 6,0 m
SE-1000	Einachser/gebremst	1.000 kg	217 kg	5,2 - 6,4 m
SE-1300	Einachser/gebremst	1.300 kg	249 kg	5,5 - 6,7 m
SE-1500	Einachser/gebremst	1.500 kg	282 kg	5,8 - 7,0 m
SE-1800	Einachser/gebremst	1.800 kg	313 kg	6,0 - 7,7 m
ST-2000	Tandem/gebremst	2.000 kg	382 kg	6,2 - 7,9 m
ST-2500	Tandem/gebremst	2.500 kg	408 kg	6,6 - 8,3 m
ST-3000	Tandem/gebremst	3.000 kg	498 kg	7,3 - 9,0 m
ST-3500	Tandem/gebremst	3.500 kg	567 kg	8,0 - 9,6 m
<i>classic</i>				
SE-750	Einachser/ungebremst	750 kg	180 kg	5,1 - 6,3 m
SE-1000	Einachser/gebremst	1.000 kg	243 kg	5,5 - 6,7 m
SE-1300	Einachser/gebremst	1.300 kg	279 kg	5,8 - 7,0 m
SE-1500	Einachser/gebremst	1.500 kg	311 kg	6,0 - 7,7 m
SE-1800	Einachser/gebremst	1.800 kg	372 kg	6,2 - 7,9 m
ST-2000	Tandem/gebremst	2.000 kg	409 kg	6,6 - 8,3 m
ST-2500	Tandem/gebremst	2.500 kg	455 kg	7,3 - 9,0 m
ST-3000	Tandem/gebremst	3.000 kg	565 kg	7,9 - 9,6 m
ST-3500	Tandem/gebremst	3.500 kg	685 kg	8,5 - 10,2 m
<i>comfort</i>				
SE-750	Einachser/ungebremst	750 kg	200 kg	5,1 - 6,3 m
SE-1000	Einachser/gebremst	1.000 kg	251 kg	5,5 - 6,7 m
SE-1300	Einachser/gebremst	1.300 kg	300 kg	5,8 - 7,0 m
SE-1500	Einachser/gebremst	1.500 kg	327 kg	6,0 - 7,7 m
SE-1800	Einachser/gebremst	1.800 kg	399 kg	6,2 - 7,9 m
ST-2000	Tandem/gebremst	2.000 kg	431 kg	6,6 - 8,3 m
ST-2500	Tandem/gebremst	2.500 kg	504 kg	7,3 - 9,0 m
ST-3000	Tandem/gebremst	3.000 kg	599 kg	7,9 - 9,6 m
ST-3500	Tandem/gebremst	3.500 kg	729 kg	8,5 - 10,2 m
<i>extrALight Aluminium</i>				
SE-1300	Einachser/gebremst	1.300 kg	229 kg	5,8 - 7,0 m
SE-1500	Einachser/gebremst	1.500 kg	250 kg	6,0 - 7,2 m
SE-1800	Einachser/gebremst	1.800 kg	315 kg	6,2 - 7,9 m
ST-2000	Tandem/gebremst	2.000 kg	348 kg	6,6 - 8,3 m
ST-2500	Tandem/gebremst	2.500 kg	405 kg	7,3 - 9,0 m
ST-3000	Tandem/gebremst	3.000 kg	484 kg	7,9 - 9,6 m
ST-3500	Tandem/gebremst	3.500 kg	586 kg	8,5 - 10,2 m
<i>ultrALight Aluminium</i>				
ST-2000	Tandem/gebremst	2.000 kg	314 kg	6,2 - 7,9 m
ST-2500	Tandem/gebremst	2.500 kg	357 kg	6,6 - 8,3 m
ST-3500	Tandem/gebremst	3.500 kg	486 kg	8,0 - 9,6 m
ST-3650	Tandem/gebremst	3.650 kg	487 kg	8,0 - 9,6 m
ST-3650 S	Tandem/gebremst	3.650 kg	454 kg	8,0 - 9,6 m
<i>ocean series</i>				
<i>comfort ocean series</i>				
SE-1000	Einachser/gebremst	1.000 kg	252 kg	5,5 - 6,7 m
SE-1300	Einachser/gebremst	1.300 kg	301 kg	5,8 - 7,0 m
SE-1500	Einachser/gebremst	1.500 kg	328 kg	6,0 - 7,7 m
SE-1800	Einachser/gebremst	1.800 kg	400 kg	6,2 - 7,9 m
ST-2000	Tandem/gebremst	2.000 kg	432 kg	6,6 - 8,3 m
ST-2500	Tandem/gebremst	2.500 kg	506 kg	7,3 - 9,0 m
ST-3000	Tandem/gebremst	3.000 kg	601 kg	7,9 - 9,6 m
ST-3500	Tandem/gebremst	3.500 kg	731 kg	8,5 - 10,2 m
<i>extrALight ocean series</i>				
SE-1300	Einachser/gebremst	1.300 kg	230 kg	5,8 - 7,0 m
SE-1500	Einachser/gebremst	1.500 kg	251 kg	6,0 - 7,2 m
SE-1800	Einachser/gebremst	1.800 kg	316 kg	6,2 - 7,9 m
ST-2000	Tandem/gebremst	2.000 kg	350 kg	6,6 - 8,3 m
ST-2500	Tandem/gebremst	2.500 kg	407 kg	7,3 - 9,0 m
ST-3000	Tandem/gebremst	3.000 kg	486 kg	7,9 - 9,6 m
ST-3500	Tandem/gebremst	3.500 kg	588 kg	8,5 - 10,2 m

(*) from approx, depending on version & equipment

subject to be changed