

Your most important advantages:

Lowest dry weight for best in class payload

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 its class for most steady driveability

All aluminium weldings as high strength and nice looking WIG welds away of frames main tension points - much higher security against dangerous fatigue cracks of the welds compared with conventional MIG welded frame constructions

Frame with new SIGMA PowerCoat[®] powder coating for ca. 10% higher frame strength than with common powder coatings

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: Rugged SIGMA-Systemframe in SIGMA ultraLight Aluminium design with high overloading reserves. Higher warp resistant and extreme higher material strenght than comparable welding constructions • Frame with new SIGMA PowerCoat[®] powder coating for ca. 10% higher frame strength than with common powder coatings • Safe frame construction according ISO 7641/1 with nearly endless adjusting and equipping possibilities for optimum fitting to nearly every boat • drawbars v-cranking of ST-2000 made by material reinforcing compression moulding - no critical crack risks than at conventional welded constructions • All aluminium weldings as high strength and nice looking WIG welds away of frames main tension points - much higher security against dangerous fatigue cracks of the welds compared with conventional MIG welded frame constructions • All bearing screwings in self-locking heavy duty versions • Quality brand running gear (SIGMA special running gear 3650 kg at ST-3650) with waterproof and maintenance free wheel bearing, rubber-spring damped, automatic brake release at back down (from SE-1000), 1D-adjustable • ST-3650 for drawing vehicles with e.g. 3500/150 kg permitted trailing/vertical load and ball coupling. No air brake at drawing vehicle necessary • Brand tires, first class, low profile design up to 750 kg wheel load • Rugged trailer jack, wide & superquick adjustable - heavy duty version (300 kg) from ST-3500 • 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 • With:

Motorboat version (standard): Rugged 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% • Strong Alko premium winch, 2D-adjustable with premium strap • SIGMA AutoLock[®] bow rest with integrated cable deflection roller - allows automatic bow locking just at straining the winch strap • 2 crancable side supports, 2D-adjustable for quick and safe support of your boat • Large 1½D-inclinable rubber hull pads for quick and safe suppprt of the boat • Free-moving heavy duty poly keel rollers (1000/1600kg/roller), 1D-adjustable • 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 • Rear Crossmembers also forward adjustable - free space for drives of short boats too

Important operation information for SIGMA-Trailer ST-3650/ultraLight: Not every drawing vehicle with more than 3500 kg trailing load + vertical load is permitted for drawing trailers with gross vehicle weight over 3500 kg.

Upon request we check the boat weight you are permitted to transport with the SIGMA-Trailer ST-3650/ultralight at your drawing vehicle. Therefore please send us copy of your car and hitch papers

SIGMA[®]-Trailer Models Germany-1/2015

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

(*) from approx, depending on version & equipment

subject to be changed