



INNOVATING FOR YOU



3-axle push-off semitrailer SDS 390/101 X-TRA Long

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Chassis

Fine-grain welded steel construction in lightweight design, down to the support feet, fifth-wheel plate with replaceable 2" kingpin, X-TRA Long with approx. 14,700 mm inside length, with lateral lashing lug fittings in the floor (max.13 pairs), 6 pairs of lashing lugs fitted at the rear, 24 t 2-gear support winch in reinforced design for coupling and uncoupling in laden state, one-sided operation, with semicircular bottom section and straight connecting plate, with thrust compensation, 1 pull-out ladder at the rear, 1 door stay at the side, 2 wheel chocks with holder, aluminium side impact protection, steel underride guard, mud flaps at rear over entire width (not in combination with forklift holder), quarter-shell mudguards in compliance with EC regulations, with anti-spray mud flaps in compliance with EC regulations, ram protection at the rear, 1 aluminium ladder, approx. 3,550 mm, with holder at the side, 1 tarp pole with holder, 1 plastic toolbox with drawer and shelf, 650 x 520 x 670 mm (W x H x D), lockable with padlock (lock not included with delivery), 1 spare wheel holder for 1 spare wheel, with wheel mounting kit, 1 spare wheel, make same as basic tyres, aluminium rim as basic tyres

Axles and suspension

SAF disk brake axles with 430 mm disk diameter, axle stop on 3rd axle, bolted/clamped version, axles/chassis laser-measured, air suspension, bellows pressure gauge

Brake system

2-line compressed air brake system, coloured lines for easy servicing, spring-loaded parking brake, 2 interchangeable coupling heads front, without connecting line, EBS – Electronic Brake System with EBS socket at front, without connecting cable (Caution: the trailer may only be used with tractor vehicles that ensure the effective-ness of the ABS system), with raising and lowering valve, mounted on operating plate in front of the axles on the left in direction of travel, vehicle drive stability system, AAC basic, automatic balance axle active on last axle, as manoeuvring aid up to 20 km/h, switchable manually, trailer info centre displays vehicle data such as axle loads, mileage and diagnostics or system messages, axle load detection via EBS CAN bus signal for display in cab (truck requires corresponding preparation. No truck installation), TPMS Haldex tyre pressure monitoring system, via EBS without truck installation (preconditions must be met in the truck), additional air connection at the rear on the left in direction of travel, with quick-fastening coupling

Wheels and tyres

385/55 R22.5“make Fulda, polished aluminium rims, make AlexRims

Electrics

24 volt, light clusters in LED with resistor, yellow LED lighting at sides, LED number plate lighting (Note: diagnostic errors can occur on certain towing vehicles despite correct functionality), make Aspöck Eco LED 2 with dynamic indicator, Premium LED side marker lights with 20 LEDs per light, where possible in combination with yellow LED lighting at sides, linked with the indicator (flashing side lights), 2 white LED position lights at front, 2 white/red LED tracking lights at rear, 1 x 15-pin socket at front, without connecting cable, LED working lights on both sides (activated via reversing light), 2 additional rear LED working lights, activated via reversing light, 1 additional LED working light on platform at the top, can be pulled out to illuminate the load surface, activated via parking light, with switch on the platform at the bottom

Push-off floor hydraulics

Hydraulic cylinder with pushing device installed in floor, 2-circuit hydraulics, changeover forward/backward movement electrical via remote control with cable, control elements fitted on the left in direction of travel in front of the axles, power supply for push-off floor via parking light, operated hydraulically via truck PTO, hydraulic connection with hose on bulkhead and HDK screw connector, NW 48 mm, (Note: A 2-circuit hydraulic system is required. Recommended pump output: Output in litres: 110 ltr/min, pressure: 250 bar, min. oil tank filling: 100 ltr)

Floor

Push-off floor with rear wear plate in V2A, flooring boards in aluminium, 8 mm floor section, ribbed design, end caps in aluminium

Push-off floor trough

Aluminium box body in high-quality, abrasion-resistant material, bulkhead and side panels made from hollow aluminium profiles, welded all-round at the top to a wide special reinforcement profile in aluminium, welded in at the bottom with a special frame, wear plates at the rear on the side walls approx. 3,000 x 1,900 x 4 mm, continuously welded, maintenance door at the front on the left in direction of travel, with access on both sides, holder for shovel and broom on bulkhead, incl. shovel and broom, moving panel for easier emptying of the load, with reinforced tarp flaps at the bottom, with rail cleaner, rear panel made from hollow aluminium profiles, as 2-wing door, split 1/2 and 1/2, cased on all sides by a special U-profile with stop and rubber seal, with 2 superimposed espagnolettes on the outside, locked at the top and bottom, rear panel with mechanical safety lock, operated at the rear on the left in direction of travel, with swivel-mounted cross bow at the top, Fliegl I-Lock door locks can be secured with a padlock, rear panel with pneumatic safety lock, operated in front of the axles on the left in direction of travel (no mechanical safety lock in this case), standing platform with two-sided ladder access on the left/right in direction of travel and railing, for opening and closing the rollup roof tarpaulin, 4 removable, swivel-mounted cross bows in waste version for tarp support, 1 x at the front approx. 300 mm from bulkhead and 1 x at the rear approx. 300 mm from rear panel (further distribution as technically possible), reinforced rolling tarpaulin, approx. 900 g, detachable on one side with 2 longitudinal tensioning straps, 3 tensioning straps with ratchet at the side, on the bulkhead and above the rear doors, the tarpaulin is attached via hooks with elastic ropes, folding tarp stopper at the side on the right in direction of travel, centre tube for rolling tarpaulin

Country of registration/signs

Approval for road use in Germany, with Dekra approval and report (in accordance with § 13 EG-FGV - EC Vehicle Approval Ordinance), 24/7 service hotline, Fliegl manufacturer certificate for structural rigidity in acc. with EN 12642 XL, prepared for one-line number plate holders, warning sign “A” for waste transport, foldable, contour marking with reflective strips to ECE R 048, white at the side, red at the rear, warning sign “Long truck” (not with Dolly), long truck vehicle combination expert report (driver instruction at the Triptis plant, up to max. 4 persons per truck combination, each further participant can be added for a flat rate of 90 euros net), please observe the currently permissible transport routes and the regulations for towing vehicles

Paint

Frame RAL 9006 white aluminium, 10-year warranty against rust, support feet black-coated, trough RAL 9005 jet black, rolling tarpaulin RAL 6018 yellow-green

Operating information

Some loads require special vehicle equipment. Where it is possible for crystals or chemical substances to fall between the floor panels and the seals, they cause increased wear which gives rise to an increased risk of system damage or even total failure of the push-off floor system. Such damage is not covered by the warranty granted by us. The specified total weight is technically possible but, depending on the loaded material, may not be achievable when adhering to the permitted axle, drawbar, and vertical loads. Exemption certificate required when exceeding a combined vehicle length of 16,500 mm.

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Total weight perm./techn. approx.:	35,000/39,000 kg
Payload perm. / techn. approx.:	27,162/31,162 kg
Axle assembly load perm./techn. approx.:	24,000/27,000 kg
Vertical load perm. / techn. approx.:	11,000/12,000 kg
Unladen weight (basic version) +/- tolerance approx.:	7,838 kg

Total length approx.:	15,350 mm
Max. total width approx.:	2,550 mm
Total height approx.:	4,005 mm
Inner length approx.:	14,905 mm
Inner width approx.:	2,470 mm
Front inner height approx.:	2,655 mm
Rear inner height approx.:	2,853 mm
Volume approx.:	101 m³
Coupling height approx.:	1,130 mm
Kingpin installation dimension approx.:	1,640 mm
Front corner measurement approx.:	2,040 mm
