



SOR Belgium

Klaverbladstraat 21,  
3560 Lummen

Tel. + (32) 13 45 80 40

[advies@sorbelgium.be](mailto:advies@sorbelgium.be)  
[www.sorbelgium.be](http://www.sorbelgium.be)

## TECHNICAL SHEET

### Double deck semitrailer

# MODEL SP71



Description	Thickness
Floor	125mm
Bulkhead	105mm
Rear frame	90mm
Side wall	60mm
Roof	90mm
Locks	2 st st with handle
Hinges	6 st st

ATP/IR/FRC

Dimensions	Internal/External
Length	13600/13350mm
Width	2590/2470mm
Height	2915/2700mm

## Standard equipment

### Floor

- GRP (glassfiber reinforced Plastic) finished in grey colour and specially reinforced for 8Tm forklifts
- Rear mudflaps
- Mudflaps and antispray system according to EU directives

### Bulkhead

- Monoblock front bulkhead aerodynamically designed
- Internally grooved bulkhead to improve air flow

### Rear frame

- Special high resistance 3mm thickness st st rear frame
- 6 horizontal and 2 vertical gummi bumpers
- st st door retainer
- 2 steps galvanized sliding rear Ladder
- 5 lips rubber seals around rear doors
- Antichock rubber bumper on doors to protect sidewalls

### Sidewalls

- 250x60mm aluminum kickstrip
- Recessed double deck rails guides

### Roof

- Four internal recessed lights (switch located in the chassis)



## Optional equipment

- ✓ Internal multi storage distribution
- ✓ Shutter door
- ✓ Reinforcements for logistic transport
- ✓ Internal height ><2650mm

### Sidewalls

- Stainless steel kickstrip
- Stainlesssteel, aluminum or GRP sidewalls protection
- Load restraint rails
- 45 mm sidewalls thickness
- 1 or 2 wings or sliding side door

### Roof

- Airflow channel
- Aluminum airflow channel
- Load restraint rails
- Reinforcement for sliding bulkhead
- Additional internal lights
- LED internal lights

### Rear doors

- St st door protection including corners
- 60 mm tickness instead.
- Protection strips
- Ventilation windows
- Retractable Access ladder

### Floor

- Auminun floor partial or complete
- Stainless steel rear frame prolongation
- Drain pipes with siphon
- Load restraint rails
- Roller bed system
- Floor finition according to Piek regulation

### Accessories

- TIR Finition
- Fixed dividing door longitudinal/transversal
- Sliding partition wall
- Lames curtain
- Multi storage panels
- FAC security lock
- Any other kind of security locks
- Customer artworks
- Spray supression by balance
- Retractable sideguard
- Personalized colour
- Double deck bars

### Bulkhead

- Cooling engine internal protection
- Ventilation windows
- Frontwall ladder





## Chassis estandar equipment

### Chassis construction

- Total weight over King pin: 13Tm
- Total weight in central tridem: 27Tm
- Technical weight admitted: 40TM
- Chassis neck can be flat or gooseneck
- Welded I beams with cross members in one piece, all manufactured in S355MC steel quality
- 2 speed Mechanical landing leg
- Sandblasted 2 ½ SA with steel balls
- 2 components epoxi protection for all pieces before welded
- Paint: together with epoxi 2 components protection, the chassis will be finished with polyurethane 2 components paint DAF grey colour.
- Approved rear under run bumper according to CEPE/ONU regulation
- Spare Wheel support

### Axles/Wheels

- BPW ECO PLUS 3, tridem disc 309TSB or drum 420x180 with automatic slack adjuster brakes
- Original BPW suspension with 360mm airpring
- BPW bilateral lift axle with automatic unlifting. Wabco valves in first axle.
- 7 Michelin wheels 385/65 with steel rims

### Lighting system

- Electrical system of 24v with two 7 poles pins ISO 1185 y 3731 watertight
- 7 chamber rear lights with triangle
- St st AISI 304 plates & supports for rear chamber lights

### Braking system

- Approved braking system according to EC and CEPE/ONU regulation.
- 2 chambers on 1st axle and actuators on 2nd & 3rd axle
- Anti-roll help
- Wabco pneumatic circuit valves
- Wabco EBS 2S/2M E5.0 on central axle
- One 60 lts steel air tanks & 1 more of 40 lts



## Chassis optional equipment

### Wheels

- Aluminum rims
- Boltcap rims
- Wheel nut indicator
- Individual mudguards
- 385/55 R22.5 tires
- Different tire brands

### Lighting system

- Rear round lights also led
- Led rear lights
- Led galibo lights
- Working lamp
- Rear lights protector
- LED 4+4 side lights position lights according to EC regulation
- Double line rear lights

### Subsidiary systems

- Wabco tailguard or soft docking HALDEX
- Roll stability system
- Automatic suspension
- Tire pressure indicator

### Landing legs

- 2 speed JOST MODUL
- Reinforced JOST MODUL
- JOST MODUL heavy duty
- JOST MODUL CH
- Other brands

### Axles

- Drum brakes BPW 420x200
- EBS (4S/2M) or (4S/3M)
- St st cables for axles
- Brake pads kit indicator
- Air-spring antibacum system
- 10Tm axles
- Steering axle
- Other EBS brands
- Electrical lifting axle

### Rear bumper

- Galvanized rear bumper with silentblocks

### Others

- BPW/JOST/SAF Hubodometer
- Spare wheels Carrier
- Basket wheel carrier (single or double)
- Approved side guard according to EC regulation
- Mavis rail
- Greasing system
- 2 wheels socks
- Acoustic trailer indicator (whistle with the reverse gear)
- 15Tm king pin reinforcements
- Ferry rings
- Coupling area ready for ferry trailer
- Ferry reinforcements
- Chassis ready for 3 axles truck
- Bushing wrench
- Wheel wrench
- Additional air tank
- Galvanized finishing
- Optiflow or any other system to improve the aerodynamics of the vehicle

