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**SCHMITZ**  
**HEAVY DUTY 3-Axle Flat Bed Semi Trailer**  
**Type SPL 27/L 12.5**





## **Schmitz heavy duty 3-axle flat bed semi trailer type SPL 27/L 12.5**

### **WEIGHTS:**

|                    |         |           |
|--------------------|---------|-----------|
| Fifth wheel load   | approx. | 16'000 kg |
| Axle load          | approx. | 27'000 kg |
| Total gross weight | approx. | 43'000 kg |
| Dead weight        | approx. | 7'000 kg  |
| Payload            | approx. | 36'000 kg |

### **DIMENSIONS:**

|                              |         |  |
|------------------------------|---------|--|
| Chassis length               | approx. | 12'500 mm  |
| Chassis width                | approx. | 2'480 mm   |
| Outside width                | approx. | 2'550 mm   |
| 5 <sup>th</sup> wheel height | approx. | 1'360 – 1'480 mm – matching to 6x4 (twin steers) |

### **CHASSIS:**

Heavy duty reinforced SPL 27/L chassis with reinforced air suspension. Welded/bolted frame construction, consisting of I-beams and sectional cross members with heavy duty underrun guard.

### **TWIST LOCKS:**

8 units pine-apple type container locks, flush mounted in the floor, suitable for the transport and secure of the following containers:

- 1 x 40'
- 2 x 20'

### **TOWING / LIFTING EYES:**

1 pair of towing eyes is mounted at rear of semi trailer, and an additional pair at the front part. This 4 units lifting eyes can be used, in order to lift up the empty semi trailer.

### **RUNNING GEAR AND AXLES:**

Pneumatic aggregate in rigid and reinforced construction, lifting and lowering device for ramp levelling. (Variable height valve). Axles equipped with closed S-cam brakes, 420 x 180 mm, asbest free.

|               |   |              |   |           |
|---------------|---|--------------|---|-----------|
| Axles         | : | 3 x 9'000 kg | = | 27'000 kg |
| Wheel base    | : | 2 x 1'310 mm |   |           |
| Spring centre | : | 1'300 mm     |   |           |

### **WHEELS AND TYRES:**

|            |   |                                     |
|------------|---|-------------------------------------|
| Units      | : | 8 - 2 complete spare wheel included |
| Wheel type | : | disc-wheel                          |
| dimension  | : | 11.75 x 22.5                        |
| tyres      | : | 385/65 R 22.5                       |
| Brand      | : | First class European brand.         |

### **KING PIN:**

3 ½" SAE-king pin with one king pin position.

### **MUDGUARDS:**

Heavy duty mudguards made of PVC with rubber mud-flaps.

#### LANDING GEARS:

Mechanical operation with extra large universal base plates, special wide sand plates, total capacity 25 tons. Operation from one side for uncoupling of the loaded semi-trailer. Handle can be locked during transport.

#### BRAKES:

Load controlled two-line air brake system according to EC-norm RR EC 71/320, with automatic load sensing valve and hand brake acting on two axles, incl. ABS, type: 2S/2M.

ABS standard connection, ISO 7638.

#### ELECTRICAL OUTFIT:

|                    |   |   |
|--------------------|---|---|
| system voltage     | : | 24 Volt, acc. to RL 76/756/EWG                            |
| coupling           | : | 7 poles incl 1 parking position for 2 <sup>nd</sup> cable |
| rear light system  | : | 2 pairs of 3 chamber lights for 24 Volt                   |
| tracking lights    | : | 2, mounted on the rear bumper plate, 24 Volt              |
| position lights    | : | 2 at the front, 24 Volt                                   |
| Side marker lights | : | 4 units yellow LED lights                                 |
| Reflectors         | : | 2 triangle at rear  |

#### FLOOR:

Heavy duty floor, made of min. 28 mm thick phenolic plywood, supported by steel profiles. 7,100 kg (15,650 lbs) forklift axle load, tested acc. To EN 283.

#### LASHING RINGS:

11 pairs of lashing rings in outer frame, approx. 4250 lbs tracing force of each, acc. to DIN 75410.

#### STANDARD ACCESSORIES:

- 2 chock blocks with holder
- two drinking water tank, with tap, capacity 30 ltr each., total app. 60 ltr
- 2 tool boxes, made of steel plates for equipment storage, lockable
- 2 heavy duty rubber rear buffer on underrun guard
- 3 units heavy duty spare wheel carriers, 2 x for semi trailers & 1 x for truck tractor with tyres size: 315/80 R 22.5 or alternative 12.00 R 24

#### PAINTWORK AND FINISH:

- wheels in silver
- hubs KTL coated (jet black)
- chassis totally galvanized
- heavy duty rear underrun guard in white
- landing gear jet black

#### Documentation

All instruction plaques and signs in English.