1. MULTITRAILER OSDS-58-04V

Semi lowbed semi trailer extendible 4-axle

“*The Nooteboom OSDS offers the optimum way of transport for medium heavy machinery: fast, cost effective and safe!*”

1.1. Weights OSDS-58-04V

<table>
<thead>
<tr>
<th>Design</th>
<th>Fifth wheel</th>
<th>Rear axles</th>
<th>Total (GVW)</th>
<th>Deadweight</th>
<th>Payload</th>
</tr>
</thead>
<tbody>
<tr>
<td>80 km/h</td>
<td>18.0</td>
<td>10.0</td>
<td>58.0</td>
<td>9.6</td>
<td>48.4</td>
</tr>
<tr>
<td>60 km/h</td>
<td>18.9</td>
<td>10.5</td>
<td>60.9</td>
<td>9.6</td>
<td>51.3</td>
</tr>
<tr>
<td>50 km/h</td>
<td>19.8</td>
<td>11.0</td>
<td>63.8</td>
<td>9.6</td>
<td>54.2</td>
</tr>
<tr>
<td>40 km/h</td>
<td>20.7</td>
<td>11.5</td>
<td>66.7</td>
<td>9.6</td>
<td>57.1</td>
</tr>
<tr>
<td>30 km/h</td>
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<td>12.5</td>
<td>72.5</td>
<td>9.6</td>
<td>62.9</td>
</tr>
<tr>
<td>20 km/h</td>
<td>23.4</td>
<td>13.0</td>
<td>75.4</td>
<td>9.6</td>
<td>65.8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Regulations</th>
<th>Fifth wheel</th>
<th>Rear axles</th>
<th>Total (GVW)</th>
<th>Deadweight</th>
<th>Payload</th>
</tr>
</thead>
<tbody>
<tr>
<td>40t GTW (4x2)</td>
<td>18.0</td>
<td>10.0</td>
<td>58.0</td>
<td>9.6</td>
<td>48.4</td>
</tr>
<tr>
<td>NL (legal)</td>
<td>18.0</td>
<td>9.0</td>
<td>54.0</td>
<td>9.6</td>
<td>44.4</td>
</tr>
<tr>
<td>D (§70)</td>
<td>18.0</td>
<td>10.0</td>
<td>58.0</td>
<td>9.6</td>
<td>48.4</td>
</tr>
<tr>
<td>F (cat 1) 48t (4x2)</td>
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<td>10.0</td>
<td>58.0</td>
<td>9.6</td>
<td>48.4</td>
</tr>
<tr>
<td>F (cat 2)</td>
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<td>8.5</td>
<td>53.0</td>
<td>9.6</td>
<td>43.5</td>
</tr>
<tr>
<td>GB (cat 1) 50t (6x2)</td>
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<td>58.0</td>
<td>9.6</td>
<td>48.4</td>
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<td>GB (cat 2) 60km/h</td>
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<td>61.0</td>
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<td>51.5</td>
</tr>
<tr>
<td>GB (cat 2) 30km/h</td>
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<td>10.5</td>
<td>61.0</td>
<td>9.6</td>
<td>51.5</td>
</tr>
</tbody>
</table>

(The picture is only an example. Your specification may be different.)

(Indicative weights of basic execution, excl. options)
1.2. Dimensions OSDS-58-04V

(Drawing 5131519 basic execution, excl. options)

Gooseneck
H1  Fifth wheel height: suits tractor coupling height 1200 – 1250 mm
L1  Length gooseneck overall: 3800 mm
L2  Front overhang: 1200 mm
R1  Front radius: 1500 mm
R2  Tail swing space under gooseneck: 2350 mm

Loading bed
H2  Height loaded + stroke 860 mm -70/+ 130 mm
L3  Length loading bed: closed / extended 9000 /15800 mm
E   Extendibility 6800 mm
S2  Loading bed rear slope: 330 mm x 11°
W2  Width loading bed: 2520 mm

Axle bogie
A1  Kingpin – first axle: closed / extended 6080 / 12880 mm
A4  Axle distance rear bogie: 3x 1360 mm
A5  Rear overhang: 1500 mm
T1  Kingpin – rear: closed / extended 11660 / 18460 mm

(Dimensions basic execution, excl. options)
1.3. Specification OSDS-58-04V

Gooseneck

- Suitable for 4x2, 6x2 and 6x4 tractors.
- Separate connection unit with all feed connections centralised.
- Gooseneck section only 185 mm thick, featuring a low platform at no excessive deadweight or extreme flexibility.
- Rear end slope to maximise the load space and facilitate simple drive-on.
- Floor of longitudinal 28mm hardwood, also the sloping part.
- Kingpin 2", exchangeable.
- Front corners chamfered 400 x 400mm, to reduce the front radius.
- 1 spare wheel clamp right, including 1 lying spare wheel.
- Landing gear with T-feet and 1 crank at the left, make Jost.
- 1 pair of stake pockets 96x66x6mm in the side raves of the gooseneck, app. mid-position, also for retrofit of boards on the gooseneck.
- 3 pairs Nooteboom droprings, TÜV certified (LC 5.000 daN) in the side raves of the gooseneck.

Loading bed

- Central box-section mainmember and suitable crossmembers result in a torsion-rigid frame, therefore offering superb stability when loaded.
- Telescopic mainspine, every app. 0,5 m a locking position with pneumatic control.
- Hardwood floor of 40mm is covering the area between mainmembers and side raves. The area over the axles covered by 6/8mm chequer plate. The rear slope by 10/12mm.
- Where necessary the cross connections are reinforced to withstand the load of passing-over machinery.
- EC Side guards underneath of aluminium, from the landing gear till the foremost axle.
- 8 pairs Nooteboom droprings, TÜV certified (LC 8.000 daN) in the side raves every app. 1,3m.
- Integrated u-channel at the rear for hook-on ramps, suiting app. 16 cm thick ramps. Ramps selves to be found under options.

Axle bogie

- Axles make SAF with compact design hubs and drum brakes. The rearmost axle is self tracking, when reversing it has to be locked by the hand valve or by the electric remote lock valve.
- Spray suppression with side plates around each axle and spray flaps behind each tyre.
- Tyres Michelin 235/75R17,5 XTE 2+ (143/141J) on steel rims, twin mounted.
- Air suspension incl. raise/lower with a stroke of 200mm. All controls positioned close together left.
- Gauge, connected to the suspension, for axle load indication.

### Brakes
- 2 line Wabco EBS air/electronic brake system, with Automatic Load sensing Regulation (ALR), Anti-Skid (ABS), and Roll-over Stability Support (RSS).
- Drum brakes (300x200mm) with automatic slack adjusters (AGS).
- Parking brake by spring brake cylinders on more axles.

### Illumination
- Hella 24 Volt illumination system according to ISO, with 2 pieces 7-core sockets (ISO-N and ISO-S) on the front end.
- Wiring based on Hella EasyCon and complying with insulation norm IP69, suitable for ADR.
- White/red corner lights, orange side lamps and license plate lamps in LED version.
- Square LED taillights (According to EC guidelines, the truck must be suitable to monitor the (LED) indicator lamps of the trailer).
- 1 complete mounting provision for flashing beacon at rear-left (excl. beacon itself).
- Reflective tape at sides and rear in yellow, with ECE approval.

### Preservation
- After construction the complete steel frame is shotblasted, hot zinc sprayed, painted with a 2-pack primer and a 2-pack top coat in 1 color of your choice. (Metalic paint at extra cost.) Afterwards the mounting of miscellaneous components and systems follows.
- The wheels and the headboard are finished in powder coat silver grey RAL 9006.
- Some components such as hydraulic cylinders, airtanks, axles, etc are finished by the suppliers and therefore not in the chassis colour.
- Some components such as the connection unit at front, as well as many options are galvanised.
Maintenance

- If desired Nootboom Trailer Service can do the regular maintenance for you.

1.4. Optional equipment OSDS-58-04V

Mounting ramps (against surcharge)

- Hook-on or hydraulic mounting ramps: 3m or 4m length.

(drawing 5150515, hydraulic ramps, optional)