

Technical sheet :

ER 16 HD



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The image contains two technical drawings of a vehicle chassis. The top drawing is a top-down view showing the chassis layout with dimensions: B (overall width), $b1$, $b2$, $b3$, $b4$, $b5$, a_1 , a_2 , a_3 , a_4 , a_5 , a_6 , a_7 , a_8 , a_9 , a_{10} , a_{11} , a_{12} , a_{13} , a_{14} , a_{15} , a_{16} , a_{17} , a_{18} , a_{19} , a_{20} , a_{21} , a_{22} , a_{23} , a_{24} , a_{25} , a_{26} , a_{27} , a_{28} , a_{29} , a_{30} , a_{31} , a_{32} , a_{33} , a_{34} , a_{35} , a_{36} , a_{37} , a_{38} , a_{39} , a_{40} , a_{41} , a_{42} , a_{43} , a_{44} , a_{45} , a_{46} , a_{47} , a_{48} , a_{49} , a_{50} , a_{51} , a_{52} , a_{53} , a_{54} , a_{55} , a_{56} , a_{57} , a_{58} , a_{59} , a_{60} , a_{61} , a_{62} , a_{63} , a_{64} , a_{65} , a_{66} , a_{67} , a_{68} , a_{69} , a_{70} , a_{71} , a_{72} , a_{73} , a_{74} , a_{75} , a_{76} , a_{77} , a_{78} , a_{79} , a_{80} , a_{81} , a_{82} , a_{83} , a_{84} , a_{85} , a_{86} , a_{87} , a_{88} , a_{89} , a_{90} , a_{91} , a_{92} , a_{93} , a_{94} , a_{95} , a_{96} , a_{97} , a_{98} , a_{99} , a_{100} . The bottom drawing is a side view showing the chassis profile with dimensions: H (overall height), $h1$, $h2$, $h3$, $h4$, $h5$, $h6$, $h7$, $h8$, $h9$, h_{10} , h_{11} , h_{12} , h_{13} , h_{14} , h_{15} , h_{16} , h_{17} , h_{18} , h_{19} , h_{20} , h_{21} , h_{22} , h_{23} , h_{24} , h_{25} , h_{26} , h_{27} , h_{28} , h_{29} , h_{30} , h_{31} , h_{32} , h_{33} , h_{34} , h_{35} , h_{36} , h_{37} , h_{38} , h_{39} , h_{40} , h_{41} , h_{42} , h_{43} , h_{44} , h_{45} , h_{46} , h_{47} , h_{48} , h_{49} , h_{50} , h_{51} , h_{52} , h_{53} , h_{54} , h_{55} , h_{56} , h_{57} , h_{58} , h_{59} , h_{60} , h_{61} , h_{62} , h_{63} , h_{64} , h_{65} , h_{66} , h_{67} , h_{68} , h_{69} , h_{70} , h_{71} , h_{72} , h_{73} , h_{74} , h_{75} , h_{76} , h_{77} , h_{78} , h_{79} , h_{80} , h_{81} , h_{82} , h_{83} , h_{84} , h_{85} , h_{86} , h_{87} , h_{88} , h_{89} , h_{90} , h_{91} , h_{92} , h_{93} , h_{94} , h_{95} , h_{96} , h_{97} , h_{98} , h_{99} , h_{100} . The drawings also show various components like wheels, suspension, and steering mechanisms.

Characteristics of masts and residual capacities

| Free Lift Triplex (FLT) | | FLT 64 | FLT 71 | FLT 76 | FLT 81 | FLT 85 | FLT 90 | FLT 96 | FLT 102 | FLT 109 |
|---|----|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Mast/fork carriage tilt, forward | ° | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Mast/fork carriage tilt, backward | ° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| h1 - Mast lowered height | mm | 2957 | 3190 | 3357 | 3523 | 3673 | 3823 | 4040 | 4240 | 440 |
| h2 - Mast free lift | mm | 2400 | 2650 | 2800 | 2900 | 3100 | 3200 | 3500 | 3700 | 3900 |
| h3 - Mast lifting height | mm | 6350 | 7050 | 7550 | 8050 | 8500 | 8950 | 9600 | 10200 | 10800 |
| h4 - Mast extended height | mm | 6930 | 7630 | 8130 | 8630 | 9080 | 9530 | 10180 | 10780 | 11380 |
| Residual capacity with integrated side shift at max heigh | kg | 1600 | 1600 | 1400 | 1300 | 1150 | 1000 | 800 | | |

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