

Technical sheet :

# ER 20 HD



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The technical drawing consists of two parts:

- Top View (Left):** A plan view of the vehicle chassis from above. It shows the overall width  $B$ , track width  $b_1$ , wheelbase  $b_2$ , and other dimensions like  $b_3$ ,  $b_4$ ,  $b_5$ ,  $a_1$ , and  $w_a$ . The front suspension components are labeled  $S_1$ ,  $S_2$ ,  $S_3$ , and  $S_4$ .
- Side View (Right):** A profile view of the chassis. It shows the height  $H$ , ground clearance  $h_1$ ,  $h_2$ ,  $h_3$ ,  $h_4$ ,  $h_5$ ,  $h_6$ , and  $h_7$ . It also indicates the center of gravity  $C$  with a downward arrow, and various structural points like  $s_k$ ,  $m_1$ ,  $m_2$ ,  $y$ ,  $x$ ,  $l_1$ ,  $l_2$ ,  $l_3$ ,  $l_4$ ,  $l_5$ ,  $l_6$ ,  $l_7$ ,  $l_8$ ,  $l_9$ ,  $l_{10}$ ,  $l_{11}$ ,  $l_{12}$ ,  $l_{13}$ ,  $l_{14}$ ,  $l_{15}$ ,  $l_{16}$ ,  $l_{17}$ ,  $l_{18}$ ,  $l_{19}$ ,  $l_{20}$ ,  $l_{21}$ ,  $l_{22}$ ,  $l_{23}$ ,  $l_{24}$ ,  $l_{25}$ ,  $l_{26}$ ,  $l_{27}$ ,  $l_{28}$ ,  $l_{29}$ ,  $l_{30}$ ,  $l_{31}$ ,  $l_{32}$ ,  $l_{33}$ ,  $l_{34}$ ,  $l_{35}$ ,  $l_{36}$ ,  $l_{37}$ ,  $l_{38}$ ,  $l_{39}$ ,  $l_{40}$ ,  $l_{41}$ ,  $l_{42}$ ,  $l_{43}$ ,  $l_{44}$ ,  $l_{45}$ ,  $l_{46}$ ,  $l_{47}$ ,  $l_{48}$ ,  $l_{49}$ ,  $l_{50}$ ,  $l_{51}$ ,  $l_{52}$ ,  $l_{53}$ ,  $l_{54}$ ,  $l_{55}$ ,  $l_{56}$ ,  $l_{57}$ ,  $l_{58}$ ,  $l_{59}$ ,  $l_{60}$ ,  $l_{61}$ ,  $l_{62}$ ,  $l_{63}$ ,  $l_{64}$ ,  $l_{65}$ ,  $l_{66}$ ,  $l_{67}$ ,  $l_{68}$ ,  $l_{69}$ ,  $l_{70}$ ,  $l_{71}$ ,  $l_{72}$ ,  $l_{73}$ ,  $l_{74}$ ,  $l_{75}$ ,  $l_{76}$ ,  $l_{77}$ ,  $l_{78}$ ,  $l_{79}$ ,  $l_{80}$ ,  $l_{81}$ ,  $l_{82}$ ,  $l_{83}$ ,  $l_{84}$ ,  $l_{85}$ ,  $l_{86}$ ,  $l_{87}$ ,  $l_{88}$ ,  $l_{89}$ ,  $l_{90}$ ,  $l_{91}$ ,  $l_{92}$ ,  $l_{93}$ ,  $l_{94}$ ,  $l_{95}$ ,  $l_{96}$ ,  $l_{97}$ ,  $l_{98}$ ,  $l_{99}$ ,  $l_{100}$ .

# 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 114	FLT 115
Mast/fork carriage tilt, forward	°	1	1	1	1	1	1	1	1	1	1
Mast/fork carriage tilt, backward	°	1	1	1	1	1	1	1	1	1	1
h1 - Mast lowered height	mm	2957	3190	3357	3523	3673	3823	4040	4240	4440	4673
h2 - Mast free lift	mm	2400	2650	2800	2980	3100	3283	3500	3700	3900	4100
h3 - Mast lifting height	mm	6350	7050	7550	8050	8500	8950	9600	10200	10800	11500
h4 - Mast extended height	mm	6930	7630	8130	8630	9080	9530	10180	10780	11380	12080
Residual capacity at max height	kg										600
Residual capacity with integrated side shift at max heigh	kg	1600	1600	1400	1300	1150	1000	800			

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