

Technical sheet :

ER 12



 **MANITOU**
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The technical drawings include a top-down view of the vehicle chassis and a side cross-sectional view of the interior layout.

Top-down view: Shows the overall dimensions of the chassis, including the total width (B), total length (b1), and various internal dimensions (b2, b3, b4, b5, b6, b7, b8, b9, b10, b11, b12, b13, b14, b15, b16, b17, b18, b19, b20, b21, b22, b23, b24, b25, b26, b27, b28, b29, b30, b31, b32, b33, b34, b35, b36, b37, b38, b39, b40, b41, b42, b43, b44, b45, b46, b47, b48, b49, b50, b51, b52, b53, b54, b55, b56, b57, b58, b59, b60, b61, b62, b63, b64, b65, b66, b67, b68, b69, b70, b71, b72, b73, b74, b75, b76, b77, b78, b79, b80, b81, b82, b83, b84, b85, b86, b87, b88, b89, b90, b91, b92, b93, b94, b95, b96, b97, b98, b99, b100, b101, b102, b103, b104, b105, b106, b107, b108, b109, b110, b111, b112, b113, b114, b115, b116, b117, b118, b119, b120, b121, b122, b123, b124, b125, b126, b127, b128, b129, b130, b131, b132, b133, b134, b135, b136, b137, b138, b139, b140, b141, b142, b143, b144, b145, b146, b147, b148, b149, b150, b151, b152, b153, b154, b155, b156, b157, b158, b159, b160, b161, b162, b163, b164, b165, b166, b167, b168, b169, b170, b171, b172, b173, b174, b175, b176, b177, b178, b179, b180, b181, b182, b183, b184, b185, b186, b187, b188, b189, b190, b191, b192, b193, b194, b195, b196, b197, b198, b199, b200, b201, b202, b203, b204, b205, b206, b207, b208, b209, b210, b211, b212, b213, b214, b215, b216, b217, b218, b219, b220, b221, b222, b223, b224, b225, b226, b227, b228, b229, b230, b231, b232, b233, b234, b235, b236, b237, b238, b239, b240, b241, b242, b243, b244, b245, b246, b247, b248, b249, b250, b251, b252, b253, b254, b255, b256, b257, b258, b259, b260, b261, b262, b263, b264, b265, b266, b267, b268, b269, b270, b271, b272, b273, b274, b275, b276, b277, b278, b279, b280, b281, b282, b283, b284, b285, b286, b287, b288, b289, b290, b291, b292, b293, b294, b295, b296, b297, b298, b299, b300, b301, b302, b303, b304, b305, b306, b307, b308, b309, b310, b311, b312, b313, b314, b315, b316, b317, b318, b319, b320, b321, b322, b323, b324, b325, b326, b327, b328, b329, b330, b331, b332, b333, b334, b335, b336, b337, b338, b339, b340, b341, b342, b343, b344, b345, b346, b347, b348, b349, b350, b351, b352, b353, b354, b355, b356, b357, b358, b359, b360, b361, b362, b363, b364, b365, b366, b367, b368, b369, b370, b371, b372, b373, b374, b375, b376, b377, b378, b379, b380, b381, b382, b383, b384, b385, b386, b387, b388, b389, b390, b391, b392, b393, b394, b395, b396, b397, b398, b399, b400, b401, b402, b403, b404, b405, b406, b407, b408, b409, b410, b411, b412, b413, b414, b415, b416, b417, b418, b419, b420, b421, b422, b423, b424, b425, b426, b427, b428, b429, b430, b431, b432, b433, b434, b435, b436, b437, b438, b439, b440, b441, b442, b443, b444, b445, b446, b447, b448, b449, b450, b451, b452, b453, b454, b455, b456, b457, b458, b459, b460, b461, b462, b463, b464, b465, b466, b467, b468, b469, b470, b471, b472, b473, b474, b475, b476, b477, b478, b479, b480, b481, b482, b483, b484, b485, b486, b487, b488, b489, b490, b491, b492, b493, b494, b495, b496, b497, b498, b499, b500, b501, b502, b503, b504, b505, b506, b507, b508, b509, b510, b511, b512, b513, b514, b515, b516, b517, b518, b519, b520, b521, b522, b523, b524, b525, b526, b527, b528, b529, b530, b531, b532, b533, b534, b535, b536, b537, b538, b539, b540, b541, b542, b543, b544, b545, b546, b547, b548, b549, b550, b551, b552, b553, b554, b555, b556, b557, b558, b559, b560, b561, b562, b563, b564, b565, b566, b567, b568, b569, b570, b571, b572, b573, b574, b575, b576, b577, b578, b579, b580, b581, b582, b583, b584, b585, b586, b587, b588, b589, b590, b591, b592, b593, b594, b595, b596, b597, b598, b599, b600, b601, b602, b603, b604, b605, b606, b607, b608, b609, b610, b611, b612, b613, b614, b615, b616, b617, b618, b619, b620, b621, b622, b623, b624, b625, b626, b627, b628, b629, b630, b631, b632, b633, b634, b635, b636, b637, b638, b639, b640, b641, b642, b643, b644, b645, b646, b647, b648, b649, b650, b651, b652, b653, b654, b655, b656, b657, b658, b659, b660, b661, b662, b663, b664, b665, b666, b667, b668, b669, b670, b671, b672, b673, b674, b675, b676, b677, b678, b679, b680, b681, b682, b683, b684, b685, b686, b687, b688, b689, b690, b691, b692, b693, b694, b695, b696, b697, b698, b699, b700, b701, b702, b703, b704, b705, b706, b707, b708, b709, b710, b711, b712, b713, b714, b715, b716, b717, b718, b719, b720, b721, b722, b723, b724, b725, b726, b727, b728, b729, b730, b731, b732, b733, b734, b735, b736, b737, b738, b739, b740, b741, b742, b743, b744, b745, b746, b747, b748, b749, b750, b751, b752, b753, b754, b755, b756, b757, b758, b759, b760, b761, b762, b763, b764, b765, b766, b767, b768, b769, b770, b771, b772, b773, b774, b775, b776, b777, b778, b779, b780, b781, b782, b783, b784, b785, b786, b787, b788, b789, b790, b791, b792, b793, b794, b795, b796, b797, b798, b799, b800, b801, b802, b803, b804, b805, b806, b807, b808, b809, b810, b811, b812, b813, b814, b815, b816, b817, b818, b819, b820, b821, b822, b823, b824, b825, b826

Characteristics of masts and residual capacities

Free Lift Triplex (FLT)		FLT 48	FLT 54	FLT 57	FLT 63	FLT 68
α - Mast/fork carriage tilt, forward	°	3	3	3	3	3
β - Mast/fork carriage tilt, backward	°	1	1	1	1	1
h1 - Mast lowered height	mm	2140	2340	2440	2640	2790
h2 - Mast free lift	mm	1600	1800	1900	2100	2250
h3 - Mast lifting height	mm	4800	5400	5700	6300	6800
h4 - Mast extended height	mm	5380	5980	6280	6880	7330
Residual capacity with integrated side shift at max height	kg	1200	1200	1200	1000	700



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