

Technical sheet :

MSI 30 3B - FT4



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The image contains two technical drawings of a forklift. The left drawing is a top-down view showing the forklift's footprint. It includes dimensions for the overall width ($b1$), the width of the mast ($b3$), the width of the forks ($b10$), the distance from the front of the chassis to the mast (e), and the width of the front chassis ($b11$). A weight vector W_a is shown acting on the chassis. The overall length of the forklift is labeled A_{st} . The right drawing is a side profile view showing the forklift's height and wheelbase. It includes dimensions for the mast height ($h1$), the height of the chassis ($h2$), the height of the operator's platform ($h3$), the height of the mast at full lift ($h4$), the height of the operator's cab ($h6$), the height of the front wheel ($h10$), the wheelbase (l), the distance from the front wheel to the mast ($m1$), the distance from the mast to the rear wheel ($m2$), the total wheelbase ($l2$), the offset of the mast from the chassis centerline (c), the radius of the mast (ρ), the angle of the mast (α), the angle of the mast relative to the vertical (β), the distance from the front wheel to the chassis centerline (x), and the distance from the mast to the rear wheel (y). A 100-unit scale bar is shown at the bottom left of the side view.

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