

Technical sheet :

# ***TMM 20***

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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 and dimensions:  $b1$  (total width),  $b10$  (width at the mast),  $b4$  (width at the forks),  $b3$  (width at the base),  $e$  (fork length),  $l8$  (wheelbase), and  $Wa$  (operator weight). The right drawing is a side profile view showing the forklift's height and length dimensions:  $h4$  (fork height),  $h3$  (mast height),  $h1$  (total height),  $l4$  (mast length),  $l$  (mast offset),  $c$  (mast thickness),  $Q$  (load capacity),  $x$  (wheel offset),  $y$  (wheelbase),  $l2$  (rear wheel offset),  $l7$  (total length),  $l1$  (overall length),  $h6$  (counterweight height), and  $m2$  (counterweight mass). The forklift is shown in red and black, with a grey background representing the ground and obstacles.

# Characteristics of masts and residual capacities

Residual Capacity (Maximum Height & LC = 600 mm)	Full Visibility Duplex (FVD)		FVD 30	FVD 36	FVD 39
	h1 - Mast lowered height	in (mm)	92.6 (2352)	106.4 (2702)	112.3 (2852)
	h3 - Mast lifting height	in (mm)	118.1 (3000)	141.7 (3600)	153.5 (3900)
	h4 - Mast extended height	in (mm)	175.4 (4455)	199 (5055)	210.8 (5355)
	Pantograph reach in	lb (kg)	4409 (2000)	4409 (2000)	4409 (2000)
	Pantograph reach out with stabilizers	lb (kg)	3858 (1750)	3858 (1750)	3858 (1750)
	Pantograph reach out without stabilizers	lb (kg)	2315 (1050)	2315 (1050)	2315 (1050)
	Telescopic forks reach in	lb (kg)	4409 (2000)	4409 (2000)	4409 (2000)
	Telescopic Forks reach out with stabilizers	lb (kg)	2866 (1300)	2866 (1300)	2866 (1300)
	Telescopic Forks reach out without stabilizers	lb (kg)	2425 (1100)	2535 (1150)	2425 (1100)
	Pantograph & TF reach in	lb (kg)	4409 (2000)	4409 (2000)	4409 (2000)
	Pantograph & TF reach out with stabilizers	lb (kg)	2425 (1100)	2425 (1100)	2425 (1100)
	Pantograph & TF reach out without stabilizers	lb (kg)	1213 (550)	1213 (550)	1213 (550)



**Head Office**

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

[www.manitou.com](http://www.manitou.com)



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