

Drop Hazards

Dropped objects don't just fall straight down. The graph below illustrates how an 8.3 pound wrench can deflect when dropped from various heights after colliding with a bar 20 feet off the ground.



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200 foot drop	Drop height: 200ft
	Vertical height: 80.25ft
	Distance: 419.1ft
	Velocity: 81.15mph
100 foot drop	Drop height: 100ft
	Vertical height: 56.75ft
	Distance: 218.3ft
	Velocity: 59.93mph
25 foot drop	Drop height: 25ft
	Vertical height: 28.37ft
	Distance: 65.31ft
	Velocity: 36.7mph

