

Handles

Another consideration is the affect of the cutting height in the operator handle height, so here's some more information on that...

With the cutting point of the mower at the front of the frame, adjusting the cutting height is essentially tilting the unit frame forward and backwards (by way of pivoting the front wheels / roller frame – with the adjustment handle / arm)...




Therefore, the handles and drive roller at the rear of the unit move higher and lower accordingly...



The High-Cut versions set at 1" (5/8" is lowest) has the opposite effect – in that the unit would be tilted forward resulting in the handle being about 3-1/2" higher (versus the Standard at the same height) – which, again, may not be comfortable for some people... since, according to the US government, the average height for an adult man is about 5' 9" / women are 5' 4". Also, most people tend to lean forward / bend over slightly when operating walk behind equipment like lawnmowers to have enough leverage for pushing / controlling / turning the unit...



Here's an image of a chart with more details on all the cutting height settings and the subsequent handle heights ...



RL20H/HC CUTTING & HANDLE HEIGHTS (INCHES)


As measured on a flat surface to the bed-knife cutting edge and the top side of the handle

Height Adjustment Position	RL20H (Standard)				RL20HC (High-Cut)			
	Caster Axle - Bottom		Caster Axle - Middle		Caster Axle - Bottom		Caster Axle - Middle	
	Cutting Height	Handle Height	Cutting Height	Handle Height	Cutting Height	Handle Height	Cutting Height	Handle Height
#1	1-7/8"	33-1/4"	1-3/8"	34-1/4"	2-1/4"	36-1/4"	1-7/8"	37-1/2"
#2	1-3/4"	33-3/4"	1-1/4"	34-1/2"	2-1/8"	36-3/4"	1-5/8"	37-3/4"
#3	1-5/8"	34-1/4"	1-1/8"	35"	2"	37"	1-3/8"	38-1/4"
#4	1-3/8"	34-3/4"	1"	35-1/2"	1-7/8"	37-1/2"	1-1/4"	38-1/2"
#5	1-1/4"	35-1/4"	3/4"	36-1/4"	1-5/8"	38"	1-1/8"	39"
#6	1"	36"	5/8"	36-3/4"	1-3/8"	38-1/2"	1"	39-1/2"
#7	N/A-1		3/8"	37-1/4"	1-1/4"	39"	3/4"	40-1/4"
#8			N/A-2		1-1/8"	39-1/2"	5/8"	40-3/4"

N/A-1 = Adjustment arm contacts chain guard

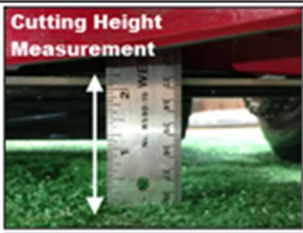
N/A-2 = Frame (front) contacts ground

NOTE: The top caster axle position would be used only for larger aftermarket caster wheels or front rollers that prevent access to the lower cutting heights in the middle position.

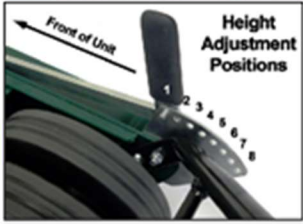


OPTIONAL HANDLE EXTENSION KIT (ITEM #HEK-HO)


INCREASES HANDLE HEIGHT BY 4 INCHES



Cutting Height Measurement




Height Adjustment Positions



Handle Height Measurement

Cutting Height Range By Caster Axle Position		
Position	H-Standard	H-High-Cut
Bottom	1" to 1-7/8"	1-1/8" to 2-1/4"
Middle	3/8" to 1-3/8"	5/8" to 1-7/8"

Suggested Cutting Height Ranges For Model Selection	
Model	Optimum Cutting Height Range
H-Standard	3/8" - 1-3/8"
H-High-Cut	1-1/4" - 2-1/4"



The Handle Extension kit adds about 4" to the overall height of the handles and is typically preferred by people 6' 2" and taller... especially on the Standard models – as the High-Cut models are already about 2" higher at the handles.