

**GENERAL OBSERVATIONS**

Ski selection, both model and length, always will be a very personal and to a large degree a very subjective decision. The following chart shows some of the common trends we noticed as a result of our ongoing testing, which should be taken into consideration when making model and length decisions. Optimal ski length is determined by the following order: ability, weight and strength. The Rossignol Race Department hopes you will find this information useful and wishes you an excellent winter of racing. Good luck at the races!

<b>JUNIOR 5 &amp; 6</b> <span style="float:right">ages 6 to 10 years old (born 2000 or younger)</span>			
athlete weight	recommended Multi Event ski model	recommended Multi Event size	recommended binding
40 - 50 lbs	Radical RSX Jr	110cm	Comp J Pro
50 - 60lbs		120cm	
55 - 65lbs	Radical Pro	125cm	Axium Jr Pro Race 70
60 - 70 lbs		130cm	
70 - 80 lbs		135cm	
80 - 90 lbs		140cm	
80 - 90 lbs	Radical RSX	150cm	Axial 2 100 S Race

<b>JUNIOR 4</b> <span style="float:right">ages 11 to 12 years old (born 1999 &amp; 1998)</span>						
athlete weight	recommended GS model	recommended GS size	recommended SL model	recommended SL size	recommended model and size for use as Multi Event ski	recommended binding
70 - 80 lbs	Radical GS Pro	140cm	Radical Pro	125cm	Radical Pro 135	Axium Jr Pro Race 70
80 - 90 lbs		145cm		132cm		
90 - 100 lbs		150cm	Radical SL Pro	139cm	Radical Pro 140	Axial 2 100 S Race
100-120 lbs		155cm		146cm		
120 + lbs		160cm		150cm	Radical GS Pro 155cm	Axial 2 WC 120
		167cm				

<b>JUNIOR 3</b> <span style="float:right">ages 13 to 14 years old (born 1997 &amp; 1996)</span>					
athlete weight	recommended GS model	recommended GS size	recommended SL model	recommended SL size	recommended binding
90 - 100 lbs	Radical GS Pro	155cm	Radical SL Pro	139cm	Axial 2 100 S Race
100 - 110 lbs		160cm		146cm	
110 - 120 lbs		167cm		150cm	
120 - 130 lbs	Radical WC GS	170cm	Radical WC SL	150cm	Axial 2 World Cup 120
130 - 140 lbs	Radical WC GS FIS	175cm	Radical WC SL FIS	155cm	Axial 2 World Cup 150 MXF
140 + lbs		182cm			

\*\*\*Lighter and/or less aggressive athletes should error on the shorter size and use the Composite Plate when applicable

<b>JUNIOR 1 / 2, Seniors, Masters -WOMEN-</b> <span style="float:right">ages 15 &amp; up (born 1995 and older)</span>										
athlete weight	High School/USSA RECOMMENDATIONS					F.I.S. RECOMMENDATIONS				
	recommended GS model for High School	recommended GS size High School	recommended SL model for High School	recommended SL size High School	recommended binding High School	recommended GS model for F.I.S./USSA	recommended GS size F.I.S./USSA	recommended SL size F.I.S./USSA	recommended SL size F.I.S./USSA	recommended binding size F.I.S./USSA
100 - 110 lbs	Radical Pro GS	167cm	Radical Pro SL	150cm	Axial 2 World Cup 120	Radical WC GS FIS	175cm	Radical WC SL FIS	155cm FIS Rules	Axial 2 WC MXF 150
110 - 120 lbs										
120 - 130 lbs	Radical WC GS	170cm	Radical WC SL	150cm	175cm or 182cm					
130 - 140 lbs	Radical WC GS FIS	175cm	Radical WC GS FIS	155cm	WC MXF 150	182cm				
140 - 150 lbs										
150 - 160 lbs										
160 - 170 lbs		182cm								

\*\*\*Less aggressive athletes should error on the shorter size

<b>JUNIOR 1 / 2, Seniors, Masters -MEN-</b> <span style="float:right">ages 15 &amp; up (born 1995 and older)</span>										
athlete weight	High School/USSA RECOMMENDATIONS					F.I.S. RECOMMENDATIONS				
	recommended GS model for High School	recommended GS size High School	recommended SL model for High School	recommended SL size High School	recommended binding High School	recommended GS model for F.I.S./USSA	recommended GS size F.I.S./USSA	recommended SL model for F.I.S./USSA	recommended SL size	recommended binding F.I.S./USSA
100 - 110 lbs	Radical WC GS	170cm	Radical WC SL	150cm	Axial 2 WC 120	Radical WC GS FIS	185cm	Radical WC SL FIS	155cm J2 Boys	Axial 2 WC 150 MXF
110 - 120 lbs										
120 - 130 lbs	Radical WC GS FIS	182cm	Radical WC SL	155cm	Axial 2 WC 150 MXF					
130 - 140 lbs	Radical WC GS FIS	185cm	Radical WC SL	165cm	Axial 2 WC 200 MXF	189cm				
140 - 150 lbs										
150 - 160 lbs										
160 - 170 lbs										
170 + lbs										

\*\*\*NOTE\*\*\* All recommendations comply F.I.S./USSA regulations for radius, minimum length, standheight