

# ROSSIGNOL RACE DEPARTMENT RECOMMENDATIONS FOR SKIS AND BINDINGS



## 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!

### JUNIOR 5 & 6 ages 6 to 10 years old (born 2001 or younger)

athlete weight	recommended Multi Event ski model & size for J6		recommended Multi Event ski model & size for J5		recommended binding
45 - 50 lbs	Radical RSX	110cm	Radical RSX	110	Comp J Pro 45 S
50 - 55 lbs		120cm		120	
55 - 60 lbs		130cm		125	
60 - 70 lbs		Radical Pro	130cm	130	Axium Jr Pro Race 70 S
70 - 80 lbs			140cm	135	
80 - 90 lbs			140cm	140	
100 - 110 lbs			140cm	145	

\*\*\*Lighter and/or less aggressive athletes should error on the shorter size

\*\*\*Lighter and/or less aggressive J5 racers should opt for Radical RSX model

### JUNIOR 4 ages 11 to 12 years old (born 2000 & 1999)

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 w/ I-Box Composite Plate	135cm	Radical SL Pro w/ I-Box Composite Plate	125cm	Radical Pro	Axium Jr Pro Race 70 S	
80 - 90 lbs		140cm		132cm			
90 - 100 lbs		145cm		139cm		135cm	
		150cm					
100 - 110 lbs		155cm		146cm		140cm	Axial <sup>2</sup> 100 S
110 - 120 lbs		160cm					
120 + lbs	165cm						

\*\*\*Lighter and/or less aggressive athletes should error on the shorter size

### JUNIOR 3 ages 13 to 14 years old (born 1998 & 1997)

athlete weight	recommended GS model	recommended GS size	recommended SL model	recommended SL size	recommended binding
90 - 100 lbs	Radical GS Pro w/ I-Box Composite Plate	155cm	Radical SL Pro w/ I-Box Composite Plate	132cm	Axial <sup>2</sup> 100 S
100 - 110 lbs		160cm		139cm	
110 - 120 lbs		165cm		146cm	
120 - 130 lbs	Radical WC GS w/ I-Box Composite Plate	170cm	Radical WC SL w/ I-Box Composite Plate	150cm	Axial <sup>2</sup> WC 120
130 - 140 lbs		175cm			
140 - 150 lbs	Radical WC GS w/ I-Box WC Plate	182cm	Radical WC SL w/ I-Box WC Plate	155cm	WC MFX 150
150 + lbs					

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

### JUNIOR 1 / 2, Seniors, Masters **-WOMEN-** ages 15 & up (born 1996 and older)

athlete weight	High School / USSA RECOMMENDATIONS					F.I.S. RECOMMENDATIONS				
	recommended GS model	recommended GS size	recommended SL model	recommended SL size	recommended binding	recommended GS model	recommended GS size	recommended SL model	recommended SL size	recommended binding
100 - 110 lbs	Radical WC GS w/ I-Box Composite Plate	170cm	Radical WC SL w/ I-Box Composite Plate	150cm	Axial <sup>2</sup> WC 120	Radical WC GS w/ I-Box WC Plate	175cm	Radical WC SL w/ I-Box WC Plate	155cm FIS Rules	WC MFX 150
110 - 120 lbs										
120 - 130 lbs		175cm								
130 - 140 lbs	Radical WC GS w/ I-Box WC Plate	182cm	Radical WC SL w/ I-Box WC Plate	155cm	WC MFX 150	182cm	185cm	Radical WC SL w/ I-Box WC Plate	165cm FIS rules	WC MXF 200
140 - 150 lbs										
150 - 160 lbs										
160 - 170 lbs										
170 + lbs										

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

### JUNIOR 1 / 2, Seniors, Masters **-MEN-** ages 15 & up (born 1996 and older)

athlete weight	High School / USSA RECOMMENDATIONS					F.I.S. RECOMMENDATIONS				
	recommended GS model	recommended GS size	recommended SL model	recommended SL size	recommended binding	recommended GS model	recommended GS size	recommended SL model	recommended SL size	recommended binding
100 - 110 lbs	Radical WC GS w/ I-Box Composite Plate	170cm	Radical WC SL w/ I-Box Composite Plate	150cm	Axial <sup>2</sup> WC 120	Radical WC GS w/ I-Box WC Plate	185cm	Radical WC SL w/ I-Box WC Plate	165cm FIS rules	WC MXF 200
110 - 120 lbs										
120 - 130 lbs		175cm								
130 - 140 lbs	Radical WC GS w/ I-Box WC Plate	182cm	Radical WC SL w/ I-Box WC Plate	155cm	WC MFX 150	191cm	185cm	Radical WC SL w/ I-Box WC Plate	165cm FIS rules	WC MXF 200
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

