



- Go.Birel.com "Do it Yourself" Series -

presented by:



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BIREL R30GY//CHASSIS BASELINE SHEET

The Birel RY30 ('09 and newer) was an immediate success upon its launch in 2009 in both the 100cc category and Rotax/TaG. It is versatile, making it well-suited for both Junior & Senior classes while offering a large range of adjustments. The 2010 model comes with the new eccentric caster/camber pills with .5-degree and 0-degree as standard.

CATEGORY:

- All 100cc Applications - Jr. & Sr.
- Rotax/TaG Junior & Senior

BASELINE SETTINGS:

The following baseline information is a good starting point. Please note that our baseline is set with the materials/accessories listed. If you deviate from the baseline using different accessories, your set-up will vary due to these variables.



RY30 - 100cc

Front Hubs:	75mm Freeline HQ
Wheels:	Freeline DF130mm Mag
Front Width:	1 Thick / 1 Thin Spacer
Toe:	2mm out
Camber:	0 to +/- 2mm
Caster:	.5-degree in
Torsion Bar:	In
Ride Height:	Middle
Spindles:	25mm
Axle:	50x2.5x1040mm "F"
Axle Position:	Down
Hubs:	50 x 95mm Freeline HQ
Rear Width:	53.25"
Wheels:	DF180mm (Jr.) DF210mm (Sr.)
Third Bearing:	Out
Side Rail:	Out
Seat Struts:	1 Each Side

RY30 - Rotax/TaG

75mm Freeline HQ
Freeline DF130mm Mag
1 Thick / 2 Thin Spacer
2mm out
0 to +/- 2mm
.5-degree in
In
Middle
25mm
50x2.5x1040mm "F"
Down
50 x 95mm Freeline HQ
54.625"
DF180mm (Jr.) DF210mm (Sr.)
Out
Out
1 Each Side

SUGGESTED TIRE PRESSURES:

B-stone YJC	Jr. 13, Sr. 11	11
MG Yellow	Jr. 12, Sr. 10	10
Mojo D2	n/a	12

Tire compounds vary as do the "cold" starting pressures. These are suggested starting pressures based on class and compound. You will want to look for 2.5 - 3 lbs. of growth in air pressure.

For specific questions - you may access the MRP Customer Discussion Forum and request specific questions regarding Birel & Freeline chassis/parts at www.mrpmotorsport.com or www.GoBirel.com