



## PROPELLER SELECTION

Needless to say that selecting the correct propeller size for your engine is very important if you want to get the optimum performance from your engine. The wrong propeller can cause poor performance and damage to engine. This selection chart will enable you to select the best propeller for Saito engine.

### Propeller selection chart for Saito 4-st Engines

#### Glow Engine

ENGINE	SPORT	SCALE	AEROBATICS
<b>SINGLE</b>			
FA-30S/30SGK	10x5	10x5, 10x6	9x6, 10x5
FA-40a, 40aGK	10x7, 10.5x6, 11x6	11x5, 11x6	11x5, 11x6, 11.5x4CL, 12x4
FA-45S	11x7, 11x8, 12x6	12x5, 12x6	11x7, 11x8, 12x6
FA-50/50GK	11x7, 11x8, 12x6	12x5, 12x6	11x7, 11x8, 12x6
FA-56/56GK, 56F	11x8, 12x6, 12x7	12x6, 12x7	11x8, 12x6
FA-62a/62aGK	11x8, 12x6, 12x7	12x6, 12x7, 13x6	11x8, 12x6, 12x7
FA-65/65GK	12x6, 12x8, 13x8	13x8, 14x5, 14x6	11x9, 12x8, 13x6
FA-72/72GK	12x8, 13x6, 13x8, 14x6	13x6, 13x8, 14x6, 15x4	11x9, 11x10, 12x8, 12x9
FA-80/80GK	12x8, 13x6, 13x8, 14x6	13x6, 13x8, 14x6, 15x4	11x9, 11x10, 12x8, 12x9
FA-82a, 82aGK	12x8, 13x7, 13x8, 14x6	13x7, 13x8, 14x6, 15x4	11x10, 11x11, 12x9, 12x10N, 13x9
FA-91S/91SGK	12x8, 13x7, 13x8, 14x6, 14x8	13x7, 13x8, 14x6, 15x4	11x10, 11x11, 12x9, 12x10N, 13x9
FA-100/100GK	13x9~13x11, 14x7~14x10	14x8~14x10, 15x6~15x8	13x11, 13.5x10, 14x10
FA-120S/120SGK	14x8, 15x8, 16x6	15x6~15x8, 16x6	13x11, 13.5x10, 14x10
FA-125a/125aGK	14x8, 15x8, 16x6	15x6~15x8, 16x6	13x11, 13.5x10, 14x10
FA-150/150GK	15x8, 15x10, 16x8, 18x6	16x8, 18x6	14x10N, 14x13, 15x10
FA-180/180GK	15x8, 15x10, 15x11, 16x8, 16x10	16x8, 16x10, 18x6~18x8	14x13.5, 15x12
FA-220/220GK	18x8, 18x10, 19x8, 19x10	18x8, 18x10, 19x8, 19x10, 20x8	17x12, 17x13
<b>TWIN</b>			
FA-60T	10x6, 10x7, 11x5, 11x6, 12x5	11x5, 11x6, 12x4, 12x5	
FA-90TS	12x8, 13x6~13x8	13x8, 14x6	
FA-100T	12x8, 13x6~13x8, 14x6	13x8, 14x6, 14x7, 15x4, 15x5	
FA-100Ti	14x6, 14x8, 15x6	14x6, 14x8, 15x6	
FA-182T	14x10, 15x8, 15x10, 16x8	16x6~16x8, 17x8, 18x6	
FA-200Ti	16x8, 16x10, 17x8	16x8, 16x10, 17x8, 18x6	
FA-300TL/300TDP	18x10, 20x8, 20x10, 20x12, 22x8, 22x10	20x8, 20x10, 22x8, 22x10, 24x8	
<b>MULTI</b>			
FA-90R3	13x6~13x8	13x6~13x8, 14x5	
FA-170R3	14x8, 15x8, 16x6	14x8, 15x8, 16x6	
FA-450R3	22x10, 22x12, 24x8	22x10, 22x12, 24x8	
FA-325R5	20x8, 21x8	20x8, 21x8	

## Petrol/Gas Engine

ENGINE	RANGE OF THE MAXIMUM RPM AT GROUND	PROPELLER SIZE
<b>SINGLE</b>		
FG-11	8500~8800	12x8~13x8
FG-14C	around 9000	13x8~14x6
FG-17	8000~9000	14x8~15x6, 16x6
FG-21	8000~9000	15x8~16x6
FG-30B	8000~9000	16x8~10, 17x6~8
FG-36	7500~8500	18x8~19x8
FG-40	6500~7500	19x10~21x8
<b>TWIN</b>		
FG-57TS	6000~7000	21x11~23x10
FG-61TS	6200~7400	21x11~23x10
FG-100TS	5500~6000	25x12~27x10
<b>MULTI</b>		
FG-19R3	9000~10000	13x9~15x6
FG-33R3	8000~9000	16x8~17x6
FG-60R3	6000~7000	21x10~23x8
FG-84R3	5500~6500	24x10 standard
FG-90R3	6000~6500	24x12~25x10

NOTE : We Saito use APC for less than 17" and Carbon for more than 18" at our test run.

