



## Quantum J/88 Asymmetrical Spinnakers: Design Differences

	<b>A2</b>	<b>A3</b>
<b>Apparent Wind Angle</b>	90 to 165	80 to 155
<b>True Wind Speed</b>	0 to 22	8 To 30
<b>Projected Luff Shape</b>	Fuller and more positive	Flatter and Straighter
<b>Width</b>	Maximized for projected Area	Narrows mid girth
<b>Depth</b>	Designed as an AP all around performer	Flatter Reaching AP shape
<b>Size</b>	95 square meters	80 square meters
<b>Structure</b>	Full triradial	Full triradial
<b>Material</b>	Airx 650	Airx 700
<b>Comments</b>	<b>A2 Comments</b>	<b>A3 Comments</b>
	Running AP Shape	Reaching AP shape
		Light wind reacher, heavy wind AP sail
	Better for running	Better for reaching
	Large mid girth, maximum area	Ideal for a reaching design
	Very versatile sail	Forgiving reaching that can run in big breeze
	Largest sail, AP work horse	Complementary reaching design
	Sail panels alligned to loading	Sail panels alligned to loading
	Long lasting structural strength	Long lasting structural strength