

IP Monohull Model Comparison																								
Cost					General Dimensions							Performance		Sail Area & Displacement							Running Rigging			
Model	Average List Price	Average \$ per Foot	Average List Price 2005 \$	Average \$ per Foot 2005 \$	LOA	LOD	LWL	Beam	Draft	Draft CB Up/Dn	Mast Height	Hull Speed	Motion Comfort Rating	Model	Disp (lbs)	Ballast (lbs)	Sail Area Cutter Rig (sq ft)	D/L Ratio	SA/D Ratio	B/D Ratio	Main Halyard	Jib Halyard	Main Sheet	Jib Sheet
IP26	28,567	1,099	67,233	2,586	30.00	26.00	24.10	10.50	n/a	24 66	38'0"	6.58	19.69	IP26	8,000	2,750	420	255	16.80	34.40	---	---	---	---
IP26 MkII	35,950	1,383	80,174	3,084	30.00	26.10	24.15	10.50	38	28 60	38'0"	6.59	19.67	IP26 MkII	8,000	3,000	405	255	16.17	37.50	---	---	---	---
IP27	52,950	1,961	104,628	3,875	30.00	26.50	24.25	10.50	38	28 60	38'6"	6.60	19.62	IP27	8,000	3,000	405	255	16.17	37.50	3/8"x96' LS	3/8"x76' LS	7/16"x53' Trophy	7/16"x80' Trophy
IP29	97,664	3,368	154,478	5,327	32.00	29.00	25.55	10.85	43	35 73	44'	6.77	26.39	IP29	11,900	4,800	491	291	18.58	44.04	3/8"x100' LS	3/8"x85' LS	7/16"x55' Trophy	7/16"x110' Trophy
IP31	68,617	2,213	140,468	4,531	34.33	30.60	27.75	11.50	40	30 70	43'6"	7.06	20.88	IP31	11,000	4,500	648	230	17.20	40.90	3/8"x105' XLS	3/8"x85' XLS	7/16"x58' Trophy	7/16"x120' Trophy
IP32	116,664	3,646	190,348	5,948	35.00	32.00	28.55	11.50	44	36 72	45'	7.16	24.99	IP32	13,500	5,950	654	245	19.00	46.00	3/8"x105' LS	3/8"x90' LS	7/16"x56' Trophy	7/16"x130' Trophy
IP320	159,350	4,980	205,520	6,422	33.25	--	27.00	11.75	43	37 Shoal	48'1"	6.96	25.63	IP320	13,500	6,000	645	306	18.17	44.00	3/8"x106' Samson® LS	3/8"x94' Samson® LS	7/16"x56' Samson® LS	7/16"x140' Samson® LS
IP35	129,783	3,708	222,011	6,343	38.00	35.33	30.00	12.00	46	37 72	48'0"	7.34	29.43	IP35	17,900	8,000	735	289	18.20	47.00	7/16"x104' LS	7/16"x93' LS	1/2"x56' Trophy	1/2"x155' Trophy
IP350	187,450	4,980	205,520	6,422	36.85	--	29.33	12.00	43	37 Shoal	48'4"	7.26	28.00	IP350	16,600	7,500	725	282	18.30	47.00	7/16"x106' LS	7/16"x94' LS	1/2"x56' Samson® LS	1/2"x140' Samson® LS
IP37	178,450	4,823	258,549	6,988	38.40	--	31.00	12.10	46	38 Shoal	49'6"	7.46	29.36	IP37	18,500	8,200	800	277	18.30	44.30	7/16"x107' Samson® LS	7/16"x96' Samson® LS	1/2"x56' Samson® LS	1/2"x155' Samson® LS
IP 370	252,450	6,823	262,444	7,093	37.85	--	31.00	13.05	43	40 n/a	54'3"	7.46	30.29	IP 370	21,000	8,400	814	315	17.10	40.00				
IP38	137,450	3,617	257,551	6,778	41.50	38.00	33.00	12.66	5	77 311	51'	7.70	30.01	IP38	21,500	10,000	870	267	17.97	47.60	7/16"x121' Samson® LS	7/16"x100' Samson® LS	1/2"x74' Samson® LS	1/2"x160' Samson® LS
IP380	236,617	6,227	287,564	7,567	39.60	--	32.00	13.15	47	310 Shoal	54'3"	7.58	28.90	IP380	21,000	9,000	885	286	18.60	43.00	7/16"x125' Samson® LS	7/16"x105' Samson® LS	1/2"x80' Samson® LS	1/2"x160' Samson® LS
IP40	219,521	5,488	306,974	7,674	41.50	39.33	34.00	12.90	48	310 Shoal	53'8"	7.81	30.45	IP40	22,800	10,000	907	259	18.04	44.00	7/16"x125' Samson® LS	7/16"x105' Samson® LS	1/2"x80' Samson® LS	1/2"x160' Samson® LS
IP 420	329,783	7,852	379,749	9,042	44.60	--	37.30	14.25	50	47 n/a	59'0"	8.18	32.23	IP 420	30,000	12,000	1,088	257	18.00	40.00				
IP44	247,350	5,622	391,238	8,892	44.50	--	37.00	13.05	57	47 82	58'6"	8.15	33.42	IP44	27,500	12,500	1,082	243	19.10	45.00	7/16"x130' Samson® LS	7/16"x115' Samson® LS	1/2"x85' Samson® LS	1/2"x160' Samson® LS
IP440	429,950	9,772	429,950	9,772	45.75	--	38.10	14.33	50		62'0"	8.27	33.35	IP440	32,000	12,000	1,131	259	18.00	38.00				
IP 445	479,950	10,908	479,950	10,908	45.75	--	38.10	14.33	50	n/a	62'0"	8.27	33.35	IP 445	32,000	12,800	1,074	259	17.00	40.00				
IP45	283,950	6,310	392,091	8,713	45.25	--	37.50	13.33	4'10"	n/a	58'10"	8.21	33.06	IP45	28,400	12,500	1,100	239	18.90	44.00	1/2"x130' Samson® LS	7/16"x115' Samson® LS	1/2"x85' Samson® LS	1/2"x85' Samson® LS
IP 485	542,617	11,305	585,581	12,200	51.60	--	43.20	15.33	53	n/a	63'6"	8.81	32.83	IP 485	39,000	16,000	1,234	216	17.20	41.00				
Model	Average List Price	Average \$ per Foot	Average List Price 2005 \$	Average \$ per Foot 2005 \$	LOA	LOD	LWL	Beam	Draft	Draft CB Up/Dn	Mast Height	Hull Speed	Motion Comfort Rating	Model	Disp (lbs)	Ballast (lbs)	Sail Area Cutter Rig (sq ft)	D/L Ratio	SA/D Ratio	B/D Ratio	Main Halyard	Jib Halyard	Main Sheet	Jib Sheet
Cost					General Dimensions							Performance		Sail Area & Displacement							Running Rigging			

Source:  
 Island Packet Data: [www.ipv.com](http://www.ipv.com)  
 Economic: [US Census Bureau](http://www.uscensus.gov)  
 Hull Speed: [US Sailing](http://www.usailing.com)  
 Motion Comfort Rating: [US Sailing](http://www.usailing.com) [Ted Brewer Yacht Designs](http://www.tedbreweryacht.com)

Hull Speed = 1.34 \* (LWL)<sup>1/2</sup>  
 MCR = Disp / (2/3 \* ((7/10 \* LWL) + (1/3 \* LOA)) \* Beam<sup>4/3</sup>)

Motion Comfort Rating	
Light daysailer	5.00
Moderate cruiser	mid 30's
Super heavy	high 60's

D/L Ratio	
UltraLight	< 90
Light	90 to 180
Moderate	180 to 270
Heavy	270 to 360
Ultra Heavy	360 and up

SA/D Ratio	
Undercanvased	<15
Good performance	15 to 18
High performance	>18

B/D Ratio	
Tender	<35
Average	35
Stiff	>35

		Sail Dimensions (IJPE)					Other Information							
Main Topping Lift Tail	Main Topping Lift Wire	Model	I	J	P	E	First Built	Last Built	Number Built	Diesel HP	Fuel (gals)	Water (gals)	Holding Tank (gals)	
---	---	<a href="#">IP26</a>	39'-0"	11'-8"	31'-0"	13'-0"	1980	1982	29	12	18	30	12	
---	---	<a href="#">IP26 Mkl</a>	34'-8"	11'-11"	30'-0"	13'-0"	1982	1984	46	15	18	31	12	
5/16"x25' LS	1/8x30 7x7 wire	<a href="#">IP27</a>	35'-0"	12'-0"	30'-0"	13'-0"	1984	1992	243	15 or 18	19	31	11 or 12	
5/16"x28' LS	1/8x30 7x7 wire	<a href="#">IP29</a>	40'-8"	14'-0"	33'-7"	12'-3"	1991	1997	64	18 or 27	23	45	14	
5/16"x27' XLS	1/8"x32' 7x7 wire	<a href="#">IP31</a>	39'-9"	14'-9"	34'-0"	14'-0"	1983	1989	262	27	25	70	14	
5/16"x30' LS	1/8"x32' 7x7 wire	<a href="#">IP32</a>	41'-5"	16'-0"	34'-4"	13'-0"	1990	1996	120	27	28	85	15	
5/16"x30' Sampson LS	1/8"x32' 7x7 wire	<a href="#">IP320</a>	44'-0"	14'-8"	37'-0"	12'-6"	1998	2002	54	27	45	90	26	
5/16"x31' LS	1/8x35' 7x7 wire	<a href="#">IP35</a>	44'-4"	17'-0"	37'-6"	14'-0"	1988	1993	178	35	48	90	15	
5/16"x30' Samson® LS	1/8"x35' 7x7 wire	<a href="#">IP350</a>	44'-10"	15'-8"	37'-0"	14'-3"	1997	2004	141	38	50	100	30	
5/16"x32' Samson® LS	1/8"x37' 7x7 wire	<a href="#">IP37</a>	45'-10"	16'-8"	39'-0"	14'-6"	1994	1998	60	38	50	90	18	
		<a href="#">IP 370</a>	50'-2"	15'-1"	42'-2"	14'-3"	2004	TBD	48 TD	54	75	160	60	
5/16"x30' Samson® LS	1/8"x38' 7x7 wire	<a href="#">IP38</a>	46'-6"	17'-10"	40'-0"	16'-0"	1986	1993	188	44 or 50	57	157	30	
5/16"x33' Samson® LS	1/8"x38' 7x7 wire	<a href="#">IP380</a>	50'-2"	17'-2"	42'-10"	15'-2"	1998	2004	169	50 or 56	85	170	40	
5/16"x33' Samson® LS	1/8"x38' 7x7 wire	<a href="#">IP40</a>	49'-10"	17'-9"	42'-10"	15'-6"	1993	2000	137	50	90	170	30	
		<a href="#">IP 420</a>	55'-0"	18'-11"	47'-6"	17'-0"	2000	2005	110	75	160	250	60	
5/16"x35' Samson® LS	1/8"x40' 7x7 wire	<a href="#">IP44</a>	54'-9"	18'-5"	47'-6"	17'-0"	1991	1995	35	62	100	195	30	
		<a href="#">IP440</a>					2006	TBD	-	75	160	260	55	
		<a href="#">IP 445</a>					2005	TBD	15 TD	75	160	260	55	
5/16"x35' Samson® LS	1/8"x40' 7x7 wire	<a href="#">IP45</a>	54'-11"	18'-8"	47'-6"	17'-6"	1995	1999	44	62	140	240	45	
		<a href="#">IP 485</a>	59'-3"	19'-6"	49'-3"	19'-6"	2003	TBD	39 TD	100	300	300	60 + 40	
Main Topping Lift Tail	Main Topping Lift Wire	Model	I	J	P	E	First Built	Last Built	Number Built	Diesel HP	Fuel (gals)	Water (gals)	Holding Tank (gals)	
			Sail Dimensions (IJPE)				Other Information							

Compiled by: [Douglas Hackney](#)  
 Posted on: 5-May-05

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