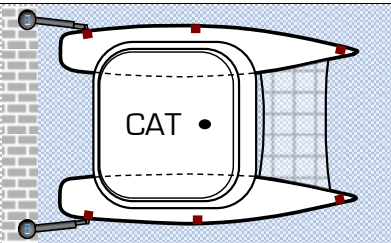
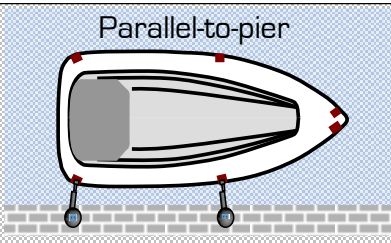
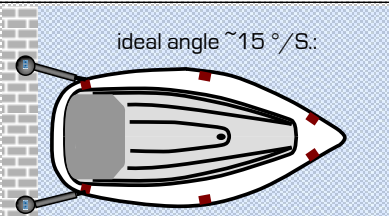
 <p>Stern-to-pier</p>		<b>XS 500</b>	<b>XS 2000</b>	<b>S 500</b>	<b>L 2000</b>	<b>XL 5000</b>
	Yacht length	< 30 foot	< 50 foot	< 30 foot	< 50 foot	< 65 foot
	Weight	< 5 000 kg	< 15 000 kg	< 5 000 kg	< 15 000 kg	< 35 000 kg
	Surface area exposed to wind	< 10 m <sup>2</sup>	< 30 m <sup>2</sup>	< 10 m <sup>2</sup>	< 30 m <sup>2</sup>	< 60 m <sup>2</sup>

 <p>CAT</p>		<b>XS 500</b>	<b>XS 2000</b>	<b>S 500</b>	<b>L 2000</b>	<b>XL 5000</b>
	Yacht length	< 35 foot	< 65 foot	< 35 foot	< 65 foot	< 80 foot
	Weight	< 5 000 kg	< 20 000 kg	< 5 000 kg	< 20 000 kg	< 45 000 kg
	Surface area exposed to wind	< 15 m <sup>2</sup>	< 40 m <sup>2</sup>	< 15 m <sup>2</sup>	< 40 m <sup>2</sup>	< 75 m <sup>2</sup>

 <p>Parallel-to-pier</p>		<b>XS 500</b>	<b>XS 2000</b>	<b>S 500</b>	<b>L 2000</b>	<b>XL 5000</b>
	Yacht length	< 35 foot	< 60 foot	< 35 foot	< 60 foot	< 100 foot
	Weight	< 10 000 kg	< 30 000 kg	< 10 000 kg	< 30 000 kg	< 80 000 kg
	Surface area exposed to wind	< 20 m <sup>2</sup>	< 50 m <sup>2</sup>	< 20 m <sup>2</sup>	< 50 m <sup>2</sup>	< 100 m <sup>2</sup>

TECHNICAL INFORMATION		XS 500	XS 2000	S 500	L 2000	XL 5000
	Weight compensator	NO	NO	YES	YES	YES
	Arms lengths	500 to 1 200 mm	500 to 1 200 mm	700 to 3 200 mm	700 to 3 200 mm	700 to 3 600 mm
	Pull & Push	< 500 kg	< 2 000 kg	< 500 kg	< 2 000 kg	< 5 000 kg
	Bending moment	< 10 000 Nm	< 10 000 Nm	< 10 000 Nm	< 10 000 Nm	< 25 000 Nm

	<b>Ideal angle</b> ( ~15°/side ) : Beam forces are completely redirected into the DualDocker arms.					
	<b>Medium angle</b> ( ~7°/side ) : The compromise for high stability and limited space requirement					
	<b>Parallel arms:</b> Max. tolerated beam forces - see chart					
	Arm	<b>XS 500</b>	<b>XS 2000</b>	<b>S 500</b>	<b>L 2000</b>	<b>XL 5000</b>
	Length 1 m	1 000 kg	1 000 kg	1 000 kg	1 000 kg	2 500 kg
Length 2 m			500 kg	500 kg	1 250 kg	
Length 3 m			330 kg	330 kg	825 kg	
The securing lines are safely protecting the yacht and the DualDocker system during a storm.						

