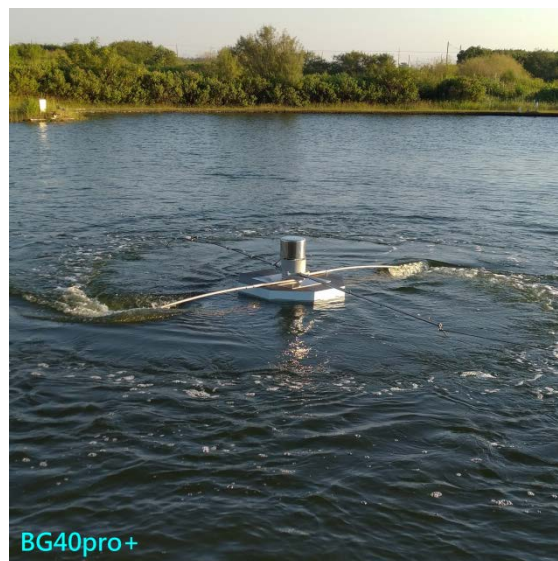
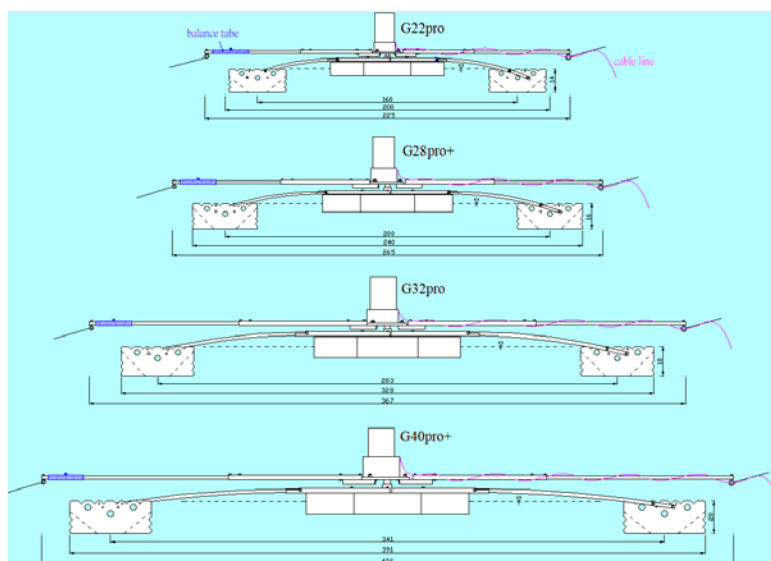


# 耕水機 / Biofan

(活水機/ Water Flow Machine、水底活性機/ Water-Bottom Activator、水質均勻機/Water Quality Uniformizer)

耕水機與彩虹水車的家 <http://biofan.com.tw>



耕水機是一種高扭力輸出設備，可在養殖池中製造一類似颱風氣流結構的水渦旋，並利用旋轉物體會往外拋射之慣性作用，使養殖池的中、上層水體不僅旋轉流動、也不斷地往外擴散。最後，這些往外擴散的水體陸續下沉後，再逐漸被匯集回渦旋的中心區域形成湧升流，因此具有集污、揚污與水質均勻化之效果。在水的黏性的作用下，此旋轉流動的影響範圍很廣，可以形成大範圍的水體流動。因此，它被認為是一種完全順應大自然水流特性的最有效、也是最節能的池水循環流動機制。

The biofan is a high-torque output device that creates a water vortex similar to a typhoon airflow structure in a culture pond. It utilizes the throw-out action of the inertia of a rotating object, so that the upper-and-medium layer water of pond not only rotates, but also continuously spreads out. Finally, these water particles that have spread outwards have gradually subsided, and then gradually gathered back into the central area of the vortex to form a surge stream. Therefore, it has the effect of collecting and lifting pollution and uniformizing water quality. Due to the action of water viscosity, the rotating flow has a wide range of influences and can form a wide range of water flow. It is, therefore, thought as the most effective and energy-saving water circulation mechanism that fully conforms to the characteristics of natural water flow.

編號 No.	型號 Types	電源 Power supply	輸出軸直徑 Output shaft diameter	耗電功率 Power consumption	輸出扭力 Output torque	轉速 RPM (60Hz)	全寬 Full width	重量 Full weight	適用均勻化面積 Application area of uniformization
1 號	BG22pro	3-phase 220/380V 50/60Hz	22mm	70W	3kg-m	8.2	225cm	16kg	< 500m <sup>2</sup>
2 號	BG28pro BG28pro+		28mm	100W 120W	5kg-m 6kg-m	8.4	265cm	22kg	500-1,000m <sup>2</sup>
3 號	BG32pro		32mm	160W	10kg-m	6.5	367cm	33kg	1,000-2,000m <sup>2</sup>
4 號	BG40pro BG40pro+		40mm	260W 300W	20kg-m 25kg-m	6.5	427cm	46kg	2,000-4,000m <sup>2</sup>