

HYDRO POWER BOX 360 LIGHT TOWER

HYDRO POWER BOX 360

A very special light tower, specifically developed for applications with high risk of tampering or damaging, provides a concrete anti-vandalism solution. The Hydro Power Box is devoid of protruding profiles to avoid any risk of injury even when in use during crowded events. The lighting system and the control panel are entirely enclosed within the machine by a casing with locks; access to staff is restricted to authorized persons only. An ideal solution for live events, concerts, rallies or public events.



OMNIA LED TECHNOLOGY

Special LED floodlights installed on a fully adjustable bracket allowing the operator to point the floodlights in any direction and provide total 360° illumination. Floodlights are also available with anti-glare system.



GTL01 DIGITAL CONTROLLER

A digital controller specifically studied to manage every function of the light tower for the best ease of use.

HPB360 K2

HPB360 K3

HPB360 Y3

HPB360 P3

TECHNICAL DATA		HPB360 K2	HPB360 K3	HPB360 Y3	HPB360 P3
Minimum dimensions (mm)	Length x Width x Height	1200 x 1200 x 2646	1200 x 1200 x 2646	1200 x 1200 x 2646	1200 x 1200 x 2646
Maximum dimensions (mm)	Length x Width x Height	1200 x 1200 x 8300	1200 x 1200 x 8300	1200 x 1200 x 8300	1200 x 1200 x 8300
Dry weight (kg)		1298	1298	1298	1298
Lifting system	M:Manual / H:Hydraulic	H	H	H	H
Mast rotation (°)		340	340	340	340
Lamps power (W)		4 x 320	4 x 320	4 x 320	4 x 320
Lamps type	MH:MetalHalide / LD:LED	LD	LD	LD	LD
Total lumen (Lm)		184000	184000	184000	184000
Illuminated area (m²)	180°/360°	4500/4200	4500/4200	4500/4200	4500/4200
Engine		Kubota Z482	Kubota D1105	Yanmar 3TN	Perkins 403D-11
Engine cooling	L: Liquid / A: Air	L	L	L	L
Cylinders (q.ty)		2	3	3	3
Engine speed (RPM)	50 / 60 Hz	1500 / 1800	1500 / 1800	1500 / 1800	1500 / 1800
Liquid containment (110%)	√:Yes / ●:No	√	√	√	√
Alternator	kVA/V/Hz	5/220/50 - 5/240/60	5/220/50 - 5/240/60	5/220/50 - 5/240/60	5/220/50 - 5/240/60
Outlet Socket	kVA/V/Hz	2,5/220/50 - 2,5/240/60	2,5/220/50 - 2,5/240/60	2,5/220/50 - 2,5/240/60	2,5/220/50 - 2,5/240/60
Inlet plug	A/V/Hz	16/220/50 - 16/240/60	16/220/50 - 16/240/60	16/220/50 - 16/240/60	16/220/50 - 16/240/60
Avg. sound pressure	dB(A) @ 7m	64	65	66	66
Wind speed resistance (km/h)		80	80	80	80
Tank capacity (liters)		300	300	300	300
Total running time (h)		500	357	361	309

HYDRO POWER BOX 360 LIGHT TOWER

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OPTIONS AVAILABLE

HPB (with engine)

- Darkness sensor
- 110V sockets
- Earth picket with 5m cable
- Pre-heating system
- Plastic box for documents
- Dedicated colour
- Shut-off valve
- Certified spark arrestor
- Hot-dip zinc coating of mast sections
- Insulation monitoring device
- Remote controller (telemetric)
- Remote emergency stop controller
- Schuko outlet socket (IP67)

HPB (empty version)

- Digital timer
- Darkness sensor
- 110V sockets
- Earth picket with 5m cable
- Plastic box for documents
- Dedicated colour
- Hot-dip zinc coating of mast sections



ADJUSTABLE LED FLOODLIGHTS

The LED floodlights are installed on special adjustable brackets. This allows the floodlights to be pointed in every direction and also to illuminate a 180° or a 360° area.

TAMPER-PROOF

A unique solution preventing the risk of tampering, since the access to the technical area is lockable.

STEPLADDER ON THE TWO SIDES

The re-designed stepladder can be placed both on the frontal and the rear side of the machine, allowing the operator an easy and safe way to adjust the floodlights.

IDEAL FOR EVENTS

Thanks to its high safety features, the Hydro Power Box is ideal for illuminating live events like concerts and sport matches.

HPB Tradition

HPB360 Empty

HPB Empty MH

TECHNICAL DATA		HPB Tradition	HPB360 Empty	HPB Empty MH
Minimum dimensions (mm)	Lenght x Width x Height	1200 x 1200 x 2646	1200 x 1200 x 2646	1200 x 1200 x 2646
Maximum dimensions (mm)	Lenght x Width x Height	1200 x 1200 x 8300	1200 x 1200 x 8300	1200 x 1200 x 8300
Dry weight (kg)		1290	1240	1232
Lifting system	M:Manual / H:Hydraulic	H	H	H
Mast rotation (°)		340	340	340
Lamps power (W)		4 x 1000	4 x 320	4 x 1000
Lamps type	MH:MetalHalide / LD:LED	MH	LD	MH
Total lumen (Lm)		360000	184000	360000
Illuminated area (m²)	180°/360°	n.a./4200	4500/4200	n.a./4200
Engine		Kubota D1105	-	-
Engine cooling	W:water / A:air	W	-	-
Cylinders (q.ty)		3	-	-
Engine speed (RPM)	50 / 60 Hz	1500 / 1800	-	-
Liquid containment (110%)	√:Yes / ●:No	√	√	√
Alternator	kVA/V/Hz	8/220/50 - 8/240/60	-	-
Outlet Socket	kVA/V/Hz	3/220/50 - 3/240/60	16/220/50 - 16/240/60	32/220/50 - 32/240/60
Inlet plug	A/V/Hz	32/220/50 - 32/240/60	16/220/50 - 16/240/60	32/220/50 - 32/240/60
Avg. sound pressure	dB(A)@7mt	65	0	0
Wind speed resistance (km/h)		80	80	80
Tank capacity (liters)		300	-	-
Total running time (h)		176	-	-