

- PM400X20 - Drop up to 2,0m lifting capacity 40Kg
- PM400X30 - Drop up to 3,3m lifting capacity 40Kg
- PM400X40 - Drop up to 4,0m lifting capacity 40Kg
- PM400X50 - Drop up to 5,2m lifting capacity 40Kg
- PM400X60 - Drop up to 6,0m lifting capacity 40Kg

X-FLY40 (PM400) pantographs are ideally suited for use in TV studios with ceilings up to 7.5 metres high; in combination with motorised hoists with long batten pipe that would otherwise prevent accurate positioning of lights; or for accurate positioning of lights and key accessories in architectural and theatrical installations.



Following the succes of the X-FLY60 and the market request to have a cost effective PO pantograph we are pleased to introduce the new X-FLY40 series of PO manual pantographs. Maintaining the main characteristics we re-designed the lifting group making it more simple without drums covers, keeping unchanged all the safety systems.

Made in aluminium, our new pantographs cover drops of up to 6 metres and take up to 40 kilos of load

Brand new, extremely compact, aluminium transmission group.

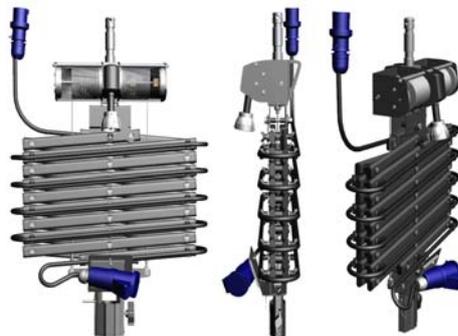
With a failsafe anti-reverse mechanism and a reduction ratio of 1:16, they provide the perfect compromise between lifting power and speed.

New "PO" Operating Pole attachment guarantees safe and secure pole coupling and operation, even at 6 metres.

New drum winding system, with accurate cable router to avoid rope cross winding, and user-adjustable mechanical end stop.

New aluminium pantograph arms, with a torsion-resistant oval-shaped profile and a stabilizing bushing pin assembly, guarantee exceptional stability and smooth movement.

New stabilization system with double guides, made entirely from steel, with precision-engineered bushing pin assemblies.



Optional Circuits are available on request 16/20/32A with CE/IEC309/UL-NEMA /DMX/ETH/Plugs and Sockets.

Designed to meet DIN/EN 15560/46 and BGVC1 standard



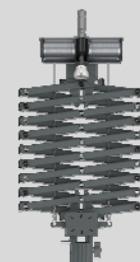
Detail on top gear group and scissor guide with 28mm standard spigot.



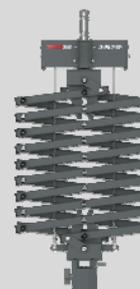
Detail for back side with lifting handles



Detail on bottom scissors guide with ropes stabilizer device on trapezoid profile, socket plate with multi holes supplied as standard, bottom 29mm bushing available as standard or with universal 16/29mm bushing and 16mm spigot



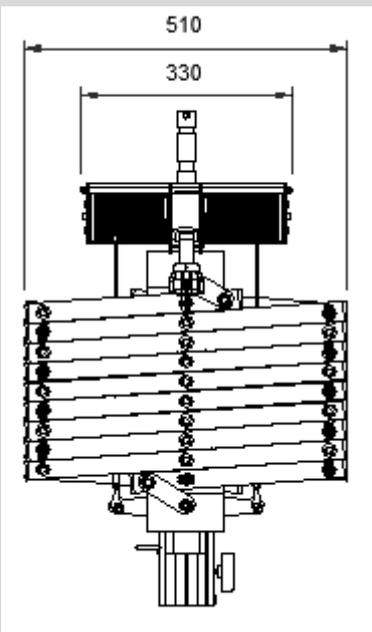
X-FLY40 Front view



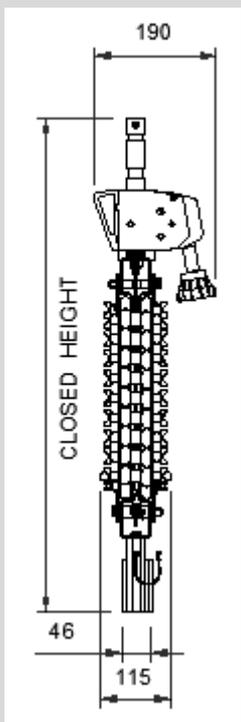
X-FLY40 Rear view

Built according CE/UL regulation, and safety standards EN954.1 - EN 60439-1 CWA 15902- EN15560/46- BGV-C1

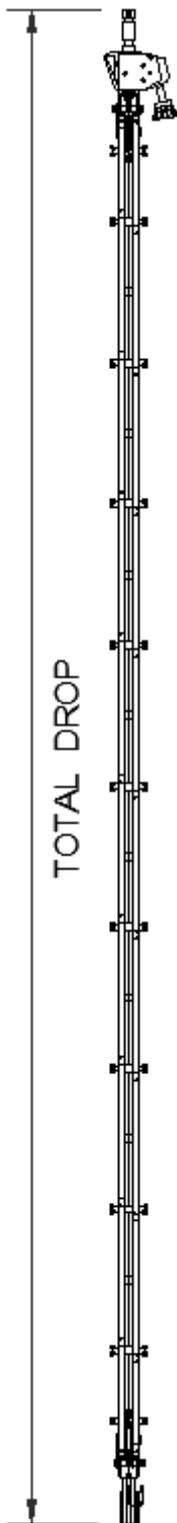
PM400 dimensional data



Front view



Side view



TOTAL DROP

X-FLY40 - PO Manual Pantograph - Specification data		PM400X20	PM400X30	PM400X40	PM400X50	PM400X60
Pantograph Model		40	40	40	40	40
Working Load Limit (WLL) Kg		NOT AVAILABLE				
Working Load Limit with special top fixing (WLL) Kg		2000	3300	4000	5200	6000
Total drop (B) mm		635	750	810	900	960
Closed height (A) mm		510/570	510/570	510/570	510/570	510/570
Scissor width (mm) (net/with cable)		50/115	50/115	50/115	50/115	50/115
Scissor depth (mm) (net/with cable)		aluminium	aluminium	aluminium	aluminium	aluminium
Scissor group oval shape		190	190	190	190	190
Pantograph gear group size (mm)		330	330	330	330	330
Pantograph gear group width (mm)		steel	steel	steel	steel	steel
Top gear group (irreversible)		12,1	14,3	15,1	16,4	17,3
Self weight (net) (Kg)		via telescopic P.O	via telescopic P.O.	via telescopic P.O.	via telescopic P.O	via telescopic P.O.
Drop adjustment		150 rpm				
Max Lifting speed (with motorized P.O) rpm		2 x 2,5mm				
Lifting steel ropes diameter (mm)		10	10	10	10	10
Safety Factor		spigot 28mm (1-1/8")				
Standard top fixing		socket 29mm (1-1/8")				
Standard bottom fixing		on request				
Special top/bottom fixing for LCD Mon/Speaker/Microphone/etc...		1/2 on request				
Lighting circuits standard with 16r/32A, cable 3x2,5/3x4mmq, with plug and socket		on request				
AUX Circuits - DMX/Ethernet/Audio/Video/etc...		0,18m ³				
Volume pkg m ³ - standard PM400 pkg dimensions (60x100x30)cm		17,1	18,3	19,1	20,4	21,3
Packing weight (gross) (Kg)						