

FLY-UP 200 Self Climbing Hoist (HFU200)

FLYUP 200 the perfect solution from medium to large size TV Studios, Theatre front of House, Auditorium, and Architetural venues, for applications where the total drop is up to 16m height. It is supplied completely pre-assembled, ready and easy to install for fixed or trackable application.

- **Input Power - 200/400 Vac 3phase + PE**
- **Control Input anal.24Vdc or dig.RS485/CAN**
- **Travel up to 14m**
- **Lifting capacity up to 200Kg**
- **Lighting batten pipe or T8 rail up to 4,5m**



The FLY-UP 200 Hoist combines raffinate design with the latest safety and construction standards for payloads up to 200Kg. The modularity and a variety of accessories like top brackets, carriages, lighting batten pipe or rail, sockets, circuits combination and control systems are available to meet any possible customer request.

P²x S²

PLUG and PLAY, this is what move all our design to be near our Customers to make easy the approach with our machines

PASSION, this is what guide our life, and we transfer this passion over all our product.

SAFETY, this is a **MUST** for all our machines, to achieve the latest standard and to protect our customers.

SERVICE, this is what we consistently offer before and after any sales to all our customers.

- HFU200T140 - for up to 14m travel
- Extension total drop from the top ceiling to the floor up to 16m
- Lifting capacity up to 200Kg
- 4 lifting steel ropes with 1500Kg breaking load
- Standard motor group on 1,5Kw , 1,8Kw necessary for 200Kg WLL, 3 phase motor with irreversible worm gearbox
- Integrated standard control unit for up/down 24Vdc operation
- Integrated drive unit for variable speed available for 3 phase or single phase main supply available on request
- Dedicated software to manage the drive unit functions
- Lighting batten pipe on steel 48,3mm pipe #40, or T8 alluminum rail up to 4,5m
- Standard control input 24Vdc on Terminal Blocks
- Optional control input for RS485/CAN on XLR4
- Optional DMX control on XLR5
- Standard cable management on aluminum FLIP FLOP, available with 4, 6, 8,12 circuits 16 or 25A plus DMX or Ethernet
- Sockets available on CE CEE17 or UL NEMA standard, other standard on request



Top premounting T8 Rail (2m) supplied as standard for easy installation



Standard modular connector strip for up to 10 sockets CE CEE17, 16/32A, UL NEMA 20A, SCHUKO 16A, XLR for Audio, DMX, Video, Ethernet. Other available on request.



Top Adjustable standard brackets for I beam from 60 to 120mm beam base (RBU674) other on request



Ropes balancer devices to keep the hoist balanced during the up/down operations



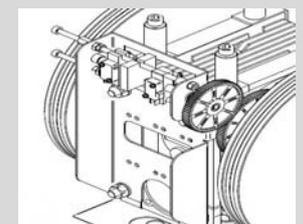
Pre-wired top terminal box with plug-in terminal blocks according the project specification



Easy access for overload and underload device adjustment, from dedicate top holes



Integrated Standard control box for up/down operation (24Vdc) 2 wires



Adjustable end stop limit group with integral shaft for top/bottom operation

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

FLY-UP 200 Fixed applications



Application for in line side brackets for 48,3mm steel pipe #40 for standard lighting C Clamps



FLY-UP 200 special application with on board Dimmer strip and relevant processor

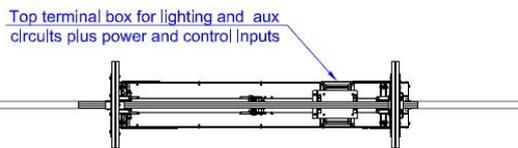
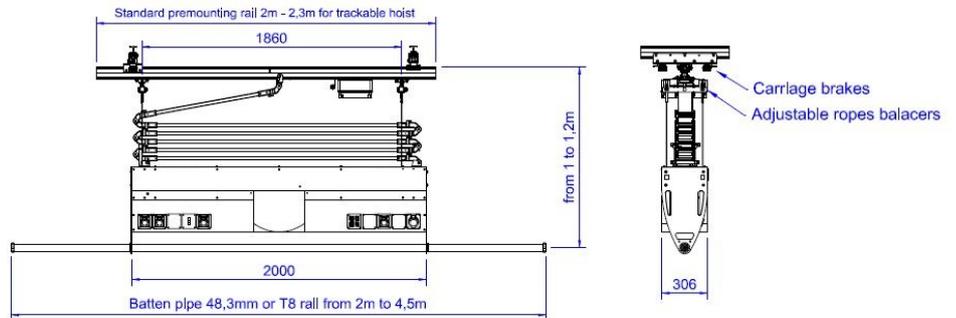
FLY-UP 200 Trackable applications



Application for off-set side brackets for 48,3mm steel pipe #40 for Barrel trolley Carriages RCP709 or RCP709D



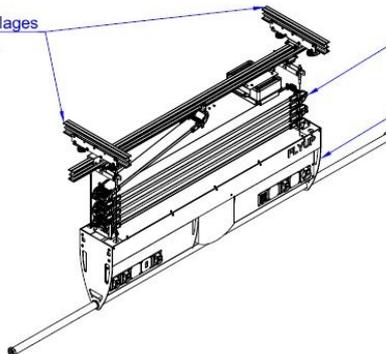
FLY-UP 200 dimensional data



Top trackable carriages or fixed top bracket

Aluminum Flip Flop cable management

Configurable connector strip from 4 to 12 circuits plus Aux circuits (Dmx-Eth-Audio Video-etc.) with sockets on request



Application for in line side brackets for T8 alluminum rail for standard Carriages RC8707, RC8708, RC8710



Application for Top carriages Kit for trackable applications , RC8968 for orthogonal application or RC8968P for Parallel application.

FLY-UP series HFU SELF CLIMBING HOIST specification

TEYCORIG - FLYUP Technical Data	STANDARD "NEW" Coming Soon!!	STANDARD	STANDARD
FLYUP model	HFU50	HFU100	HFU200
Lifting Capacity - Working Load Limit (WLL) Kg	60	110	200
Lifting Capacity - Max Rated Load (RTL) Kg	75	140	250
Closed height - mm	500/650	750/1200	800/1200
Hoist net travel - mm	10500	10500	14000
Average distance from the floor when totally down - mm	1000/1500	1000/1500	1000/1500
Max Total drop - mm	13000	13000	16500
Max Length for standard connector strip for sockets (m)	0,6	1,3	2
Max length for standard steel pipe or T8 Rail	from 0,6 to 2	from 1,5 to 4	from 2,1 to 4,5
Motor group Self weight (Kg)	50	90	140
Lifting speed (m/min) - (400V - 208V) - (50 - 60Hz)	6/9	6/9	6/9
Lifting steel ropes diameter (mm)	4 x 2,5mm	4 x 3,2mm	4 x 4mm
Safety Factor	10	10	10
Standard top premounting T8 rail (length mm)	1000	1500	2000
Lighting circuits standard with 16/32A CEE17 Sockets CE or NEMA UL	up to 4	up to 8	up to 12
AUX Circuits - DMX/Ethernet/Audio/Video/etc..	on request	on request	on request
Gear reducer	worm irreversible	worm irreversible	worm irreversible
Single Brake	standard	standard	standard
Double Brake	on request	on request	on request
Motor Power (Kw)	0,37	0,75	1,5/1,85
Motor Voltage (CE - UL) 3 phase (Vac) 50-60Hz	230/400 - 208	230/400 - 208	230/400 - 208
Motor Voltage (CE - UL) single phase (Vac)	OPTIONAL	OPTIONAL	OPTIONAL
Motor control standard (Vdc)	24	24	24
Motor control optional	CAN-RS485-DMX-ETH	CAN-RS485-DMX-ETH	CAN-RS485-DMX-ETH
Motor in built thermal protections	1+1+1	1+1+1	1+1+1
Overload sensors	1+1	1+1	1+1
Underload sensors	1+1+1+1	1+1+1+1	1+1+1+1
Top/Bottom Limits	1+1	1+1	1+1
Top/Bottom Extra Limits	1+1	1+1	1+1
Inverter unit for soft start - soft stop - variable speed	OPTIONAL	OPTIONAL	OPTIONAL
Volume pkg m ³ - standard FLYUP pkg dimensions	0,15m ³ - (25x100x60)cm	0,81m ³ - (46x160x110)cm	1,27m ³ - (55x210x110)cm
Weight pkg (Kg)	net 55 - gross 70	net 95 - gross 155	190



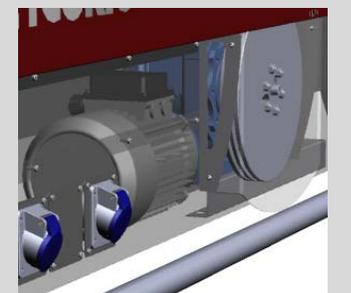
Top view for trackable application with possible hoist pan +/- 30°



Additional festoon cable for trackable application available on request



Standard cable management with Aluminum FLIP FLOP available for 4,6,8,10,12 circuits plus DMX or Ethernet. Special FLIP FLOP available on request



Details on standard Motor group with irreversible worm gearbox and Pile on main pulleys system

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