

SEA & SYMPHONY
moves your wishes



PHANTOM™

2010



English

Sea & Symphony

Established in Turin (Italy) since 1995, Sea & Symphony has been designing and manufacturing automated equipment for TV, Plasma and LCD screen.

Comprehensive range to suit all makes and models of LCD and Plasma screens from 15" to 65"
Over 70 standard models available or custom made units to suit individual requirements.

Easy and quick to install.

Constructed from high quality, low maintenance components suitable for both marine and domestic installations.

VIRTUALLY SILENT OPERATION - PRODUCT RELIABILITY - DURABLE CONSTRUCTION
(Tested for over 100.000 cycles without any maintenance)

Available in the following configurations:

FLOOR MOUNTED UNITS *

- rise and fall
- rise and fall with manual or electrical rotation

CEILING MOUNTED UNITS *

- fall and rise
- fall and rise with manual or electrical rotation

FLIP-DOWN CEILING UNITS *

- 90 deg rotation
- 90 deg rotation with electrical rotation

RECESSED HORIZONTAL SLIDING UNITS *

- sliding units left or right handed

(* All units available with remote control on request)



MANUFACTURED AND ASSEMBLED according to ISO :9001 standards.

PATENT nr. 0001330426

Using high quality materials such as:

Anodised aluminium 110 EN AW – 6082/AlMg4Si 1

Stainless steel grade 316.

All items CE marked No: CE 98/37CE – 72/23CEE.

Mechanical characteristics:

Lateral sliders are maintenance free and have a double prism for greater strength and durability.

Transmission via reversible continuously rated electric motors for 12V & 24V dc and 115V & 230V ac.

Drive connection to stainless steel calibrated shaft via conical epicycloidal gearing, which reduces vibration and noise.

Travel of mechanism limited by adjustable micro switches, with mechanical stops fitted in the unlikely event of a failure.

Support brackets for TV screens are made from stainless steel with pre-drilled holes that align with the specific make and model of TV.

Maximum lifting capacities:

7015 – 7030light = 50KG

7031 – 7050 = 100 KG

Electrical characteristics:

Wiring is housed within a flameproof flexible covering that prevents the wiring from being crushed or cut.

Devices with manual or electrical rotation have a safety device that ensures the TV cannot be lowered unless it is perfectly aligned.

Other important features include:

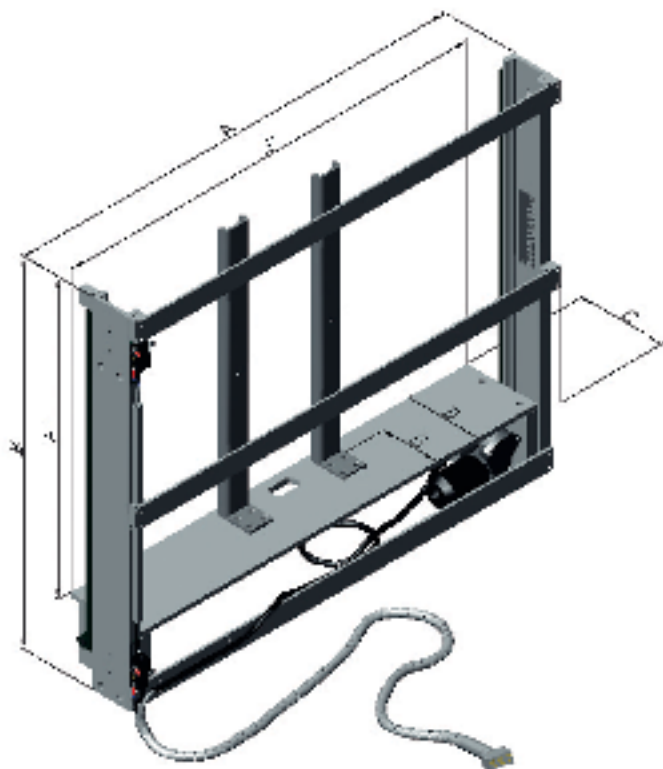
- gears and all moving parts are covered to prevent damage.
- electrical components are housed in an ABS waterproof container IP 66.
- all components protected by circuit breaker.
- safety device incorporated to prevent overloading or inverting the polarity.
- pre-wired system with operation via two way switch (not supplied) or optional remote control with 2 or 4 channels depending on the number of functions.
- optional FREE SHOCK SYSTEM which stops the unit operating immediately if it is subjected to excessive force.



Phantom Series

Rise and fall units

PATENTED MODEL nr. 0001330426

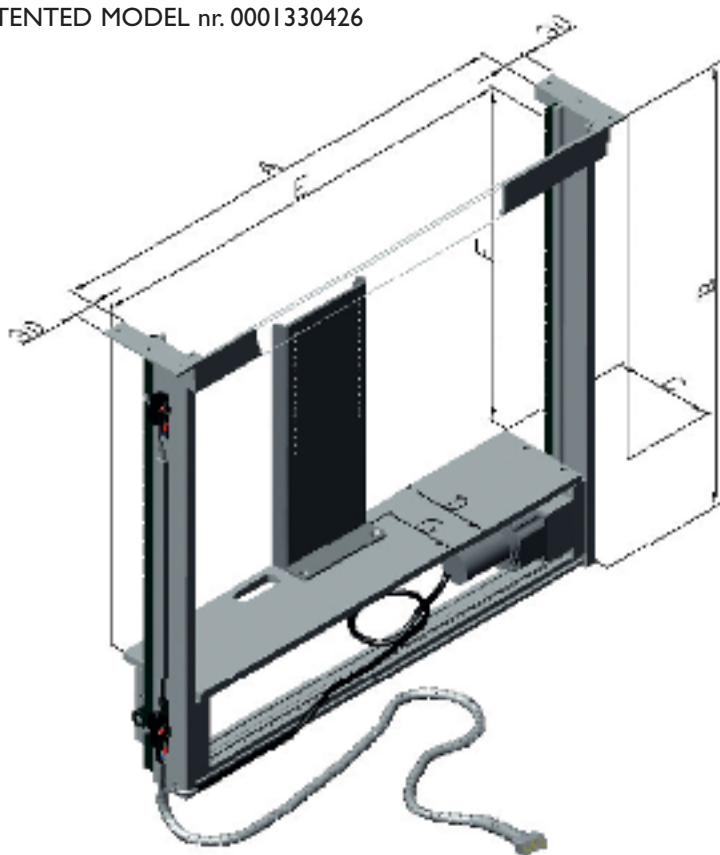


ITEM	PHANTOM				TV			Lifting	Supply
	A	B	C	D	E	F	G max		
7031 H.660	905	660	175	150	850	525	130	100 kg	24 V DC
7031 H.700	905	700	175	150	850	565	130		
7031 H.730	905	730	175	150	850	595	130		
7031 H.780	905	780	175	150	850	645	130		
7032 H.660	1105	660	175	150	1050	525	130		
7032 H.700	1105	700	175	150	1050	565	130		
7032 H.730	1105	730	175	150	1050	595	130		
7042 H.780	1105	780	175	150	1050	645	130		
7042 H.820	1105	820	175	150	1050	685	130		
7042 H.850	1105	850	175	150	1050	715	130		
7043	1169	820	175	150	1114	685	130		
7050	1300	890	175	150	1245	755	130		
7060	1395	890	175	150	1340	755	130		

Rise and fall units

LIGHT SERIES

PATENTED MODEL nr. 0001330426

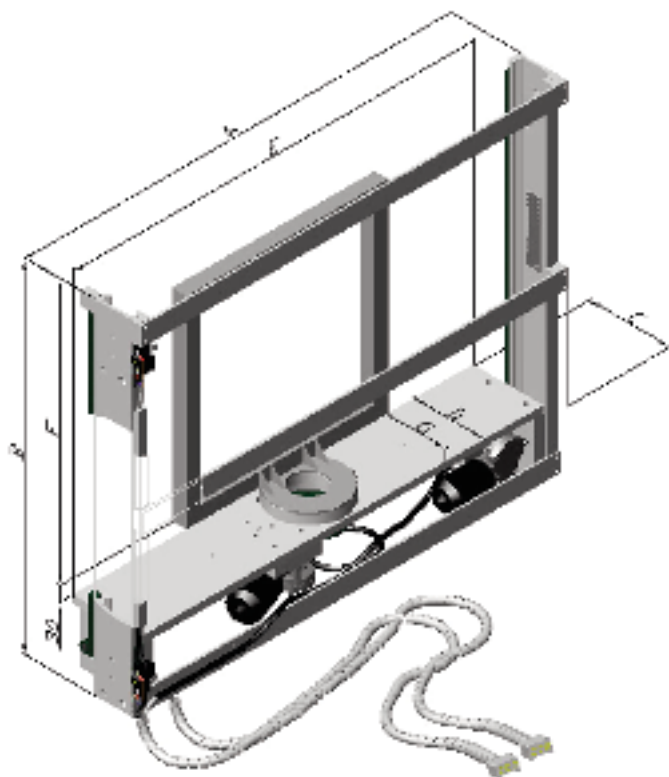


RISE AND FALL	PHANTOM				TV			Lifting	Supply
	A	B	C	D	E	F	G max		
7015	415	460	117	100	371	350	80	15 kg	12 V DC
7015PLUS	525	460	117	100	481	350	80		
7020	525	560	117	100	481	450	80		
7020E	554	600	137	120	510	490	100		
7020PLUS	775	560	137	120	731	450	100		
7022	644	600	137	120	600	490	100		
7030	825	660	137	120	781	550	100	25 kg	24 V DC
7030PLUS	1064	660	137	120	1020	550	100		

Phantom Series

RISE AND FALLS with manual rotation TM with electrical rotation TS

PATENTED MODEL nr. 0001330426



Rise and fall with rotation	PHANTOM				TV			Lifting	Supply
	A	B	C	D	E	F	G max		
7031 H.660 TM/TS	905	660	175	150	850	495	130	100 kg	24 V DC
7031 H.700 TM/TS	905	700	175	150	850	535	130		
7031 H.730 TM/TS	905	730	175	150	850	565	130		
7031 H.780 TM/TS	905	780	175	150	850	615	130		
7032 H.660 TM/TS	1105	660	175	150	1050	495	130		
7032 H.700 TM/TS	1105	700	175	150	1050	535	130		
7032 H.730 TM/TS	1105	730	175	150	1050	565	130		
7042 H.780 TM/TS	1105	780	175	150	1050	615	130		
7042 H.820 TM/TS	1105	820	175	150	1050	655	130		
7042 H.850 TM/TS	1105	850	175	150	1050	685	130		
7043 TM/TS	1169	820	175	150	1114	655	130		
7050 TM/TS	1300	890	175	150	1245	725	130		
7060 TM/TS	1395	890	175	150	1340	725	130		

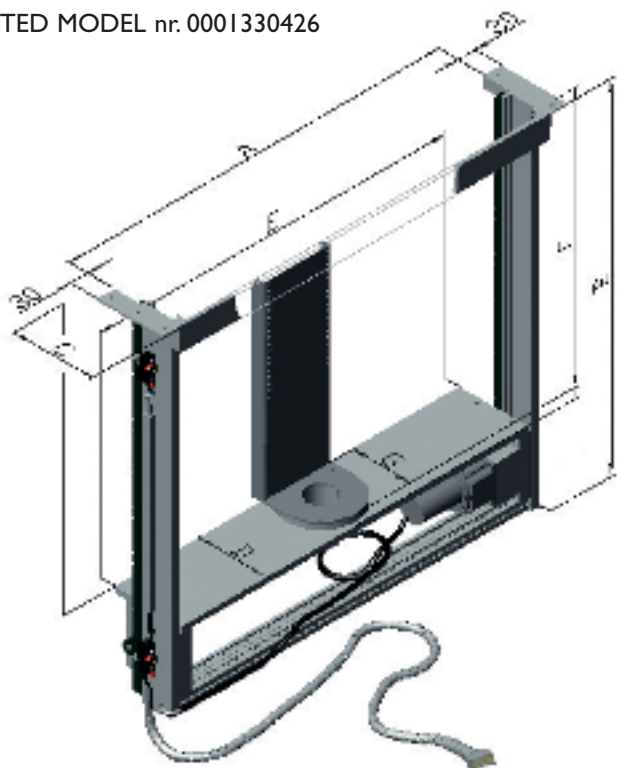
TM serie with manual rotation 360° - TS serie with electrical rotation max 300°

RISE AND FALLS WITH ROTATION

Manual rotation TM

LIGHT SERIES

PATENTED MODEL nr. 0001330426



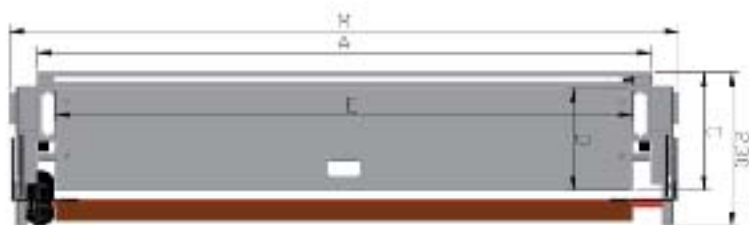
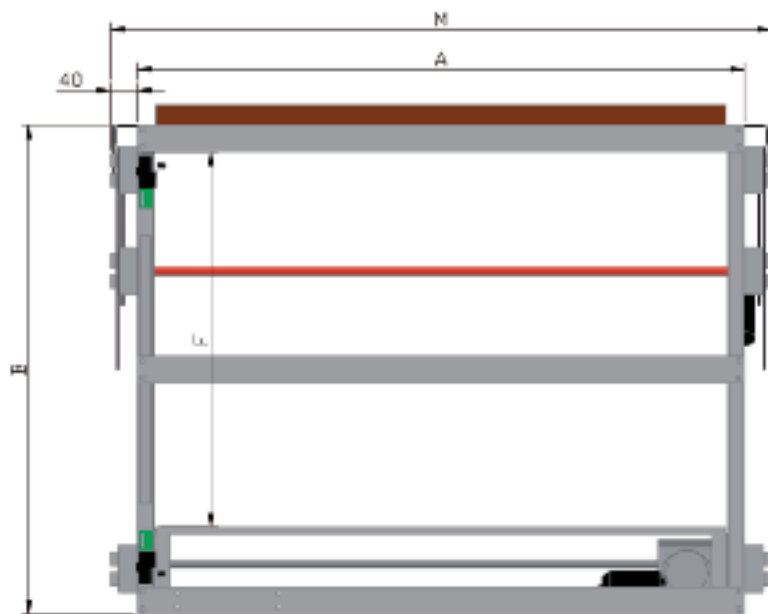
Rise and fall with rotation	PHANTOM				TV			Lifting	Supply
	A	B	C	D	E	F	G max		
7015TM	415	460	117	100	371	330	80	15 kg	12 V DC
7015PLUSTM	525	460	117	100	481	330	80		
7020TM	525	560	117	100	481	430	80		
7020ETM	554	600	137	120	510	470	100		
7020PLUSTM	775	560	117	100	731	430	100		
7022TM	644	600	137	120	600	470	100		
7030TM	825	660	137	120	781	530	100	25 kg	24 V DC
7030PLUSTM	1064	660	137	120	1020	530	100		

TM serie with manual rotation 360°

Phantom Series

AUTOMATIC LID

7072 AL

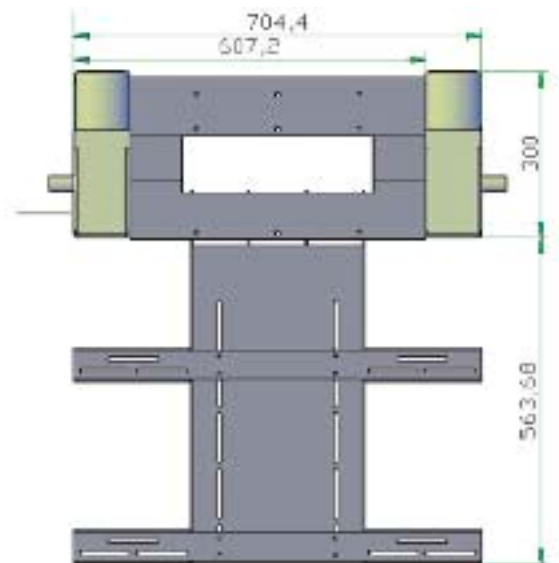
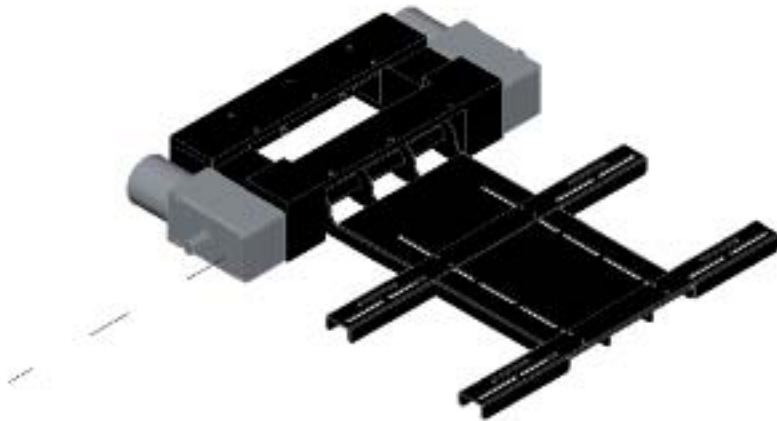
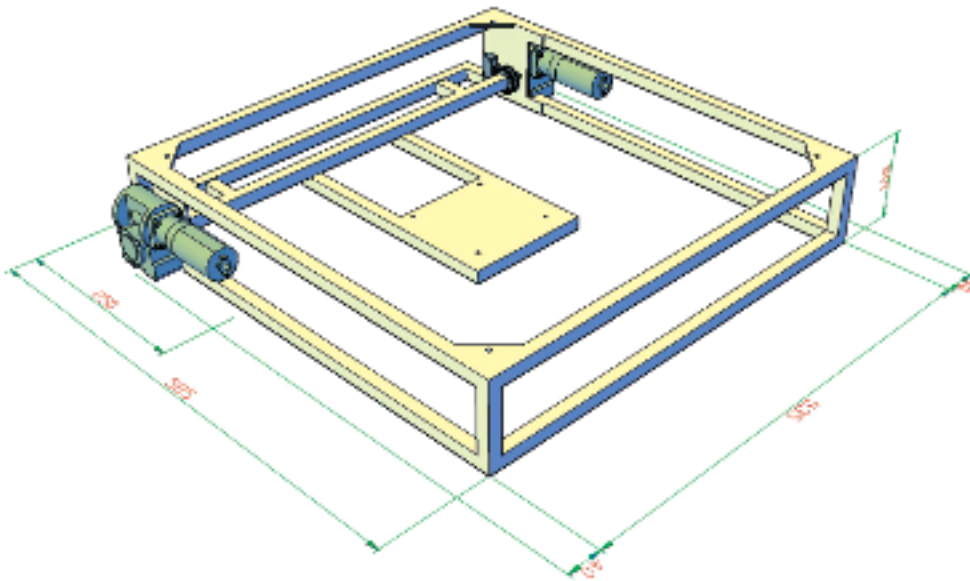


RISE AND FALL	PHANTOM					TV			Lifting	Supply
WITH AUTOMATIC LID	A	M	B	C	D	E	F	G max		
7031 H660 AL	905	985	660	175	150	850	495	130	100 Kg.	24V DC
7031 H700 AL	905	985	700	175	150	850	535	130		
7031 H730 AL	905	985	730	175	150	850	565	130		
7031 H780 AL	905	985	780	175	150	850	615	130		
7032 H660 AL	1105	1185	660	175	150	1050	495	130		
7032 H700 AL	1105	1185	700	175	150	1050	535	130		
7032 H730 AL	1105	1185	730	175	150	1050	565	130		
7042 H780 AL	1105	1185	780	175	150	1050	615	130		
7042 H820 AL	1105	1185	820	175	150	1050	655	130		
7042 H850 AL	1105	1185	850	175	150	1050	685	130		
7043 AL	1169	1249	820	175	150	1114	655	130		
7050 AL	1300	1380	890	175	150	1245	725	130		



Phantom Series

FLIP-DOWN CEILING UNITS

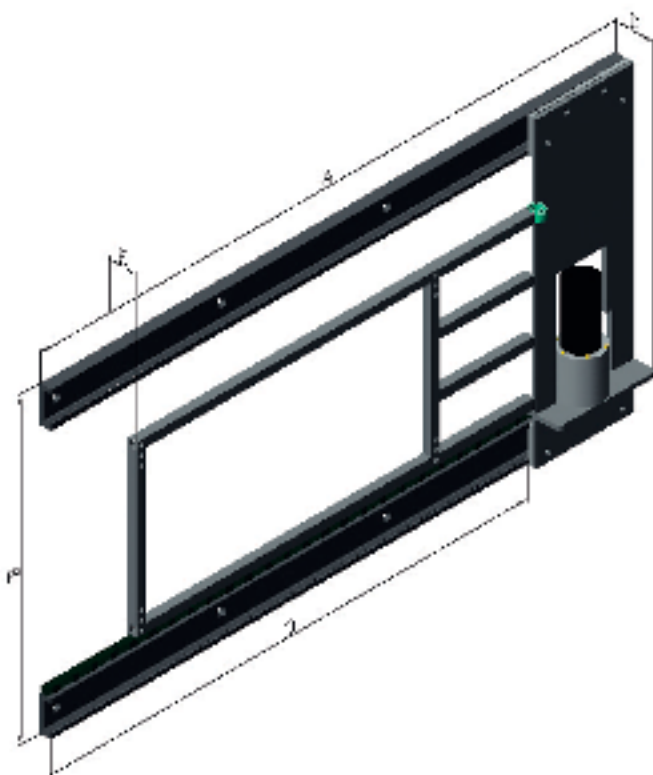




Phantom Series

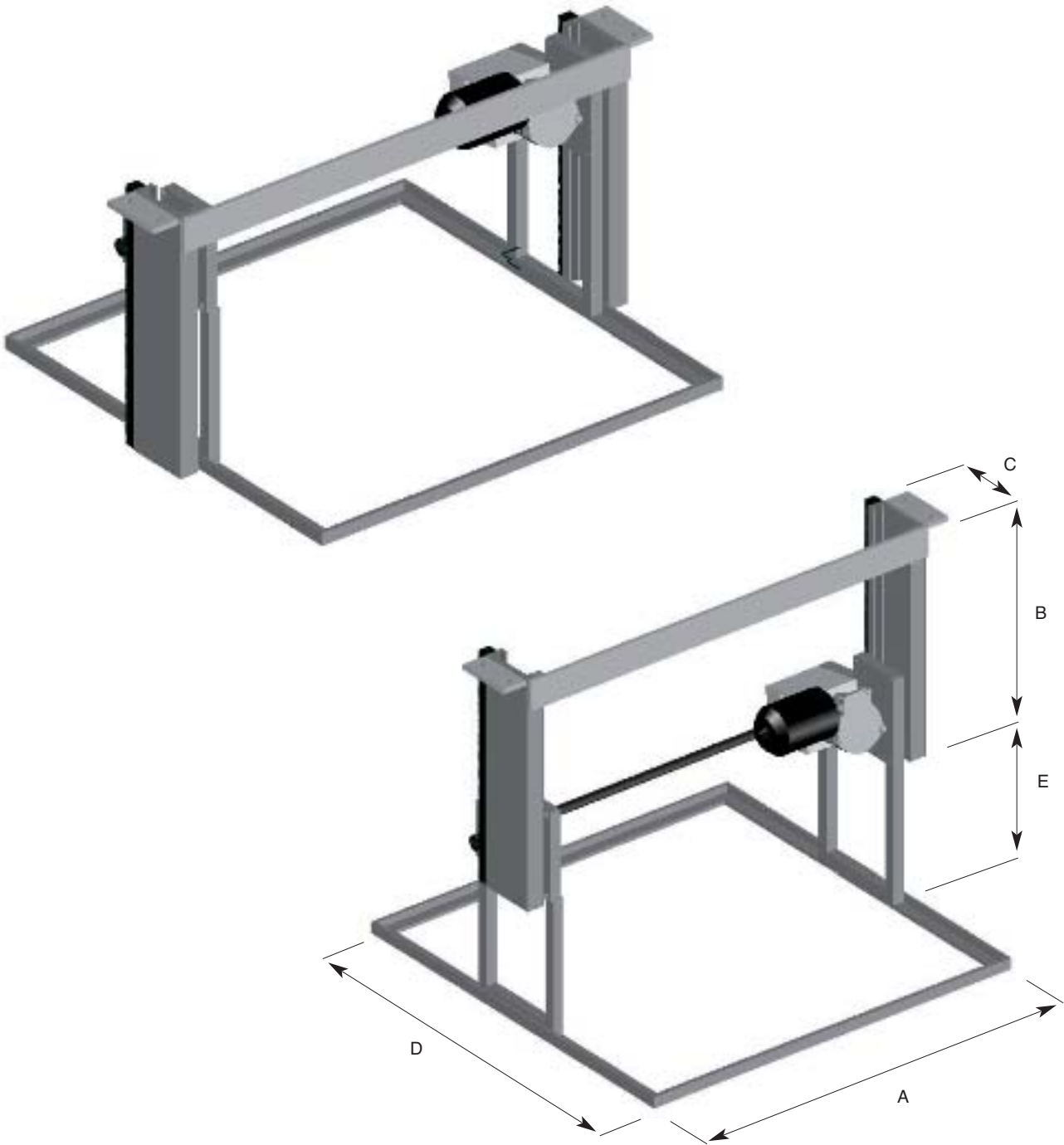
RECESSED HORIZONTAL SLIDING UNITS

PATENTED MODEL nr. 0001330426



horizontal sliding unit	PHANTOM					Lifting	Supply
	A	B	C	D	E		
7020WALL	660	400	100	550	22	15 KG	12/24 V DC
7020PLUSWALL	860	400	100	750	22	15KG	
7032WALL	1090	480	120	860	30	50 KG	
7042WALL	1290	600	120	1060	30	50KG	
7050WALL	1485	720	120	1255	30	80KG	

VIDEO -PROJECTOR
 PATENTED MODEL nr. 0001330426



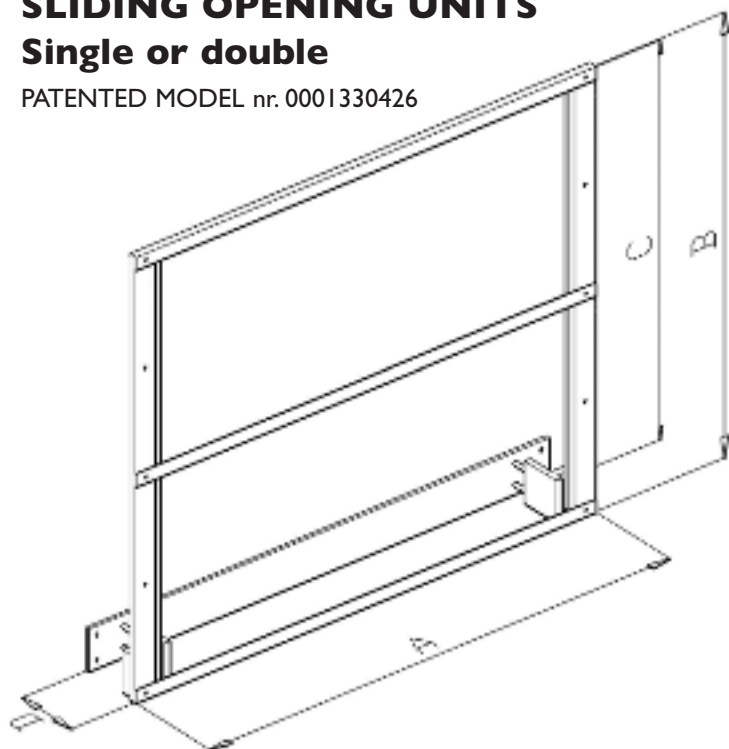
ITEM	PHANTOM					Lifting	Supply
	A	B	C	D	E		
7001VPR	350	on request	117	350	B-120	20KG	12/24 V DC
7002VPR	500		165	450	B-140	100KG	
7003VPR	700		165	850	B-140	100KG	

Phantom Series

SLIDING OPENING UNITS

Single or double

PATENTED MODEL nr. 0001330426



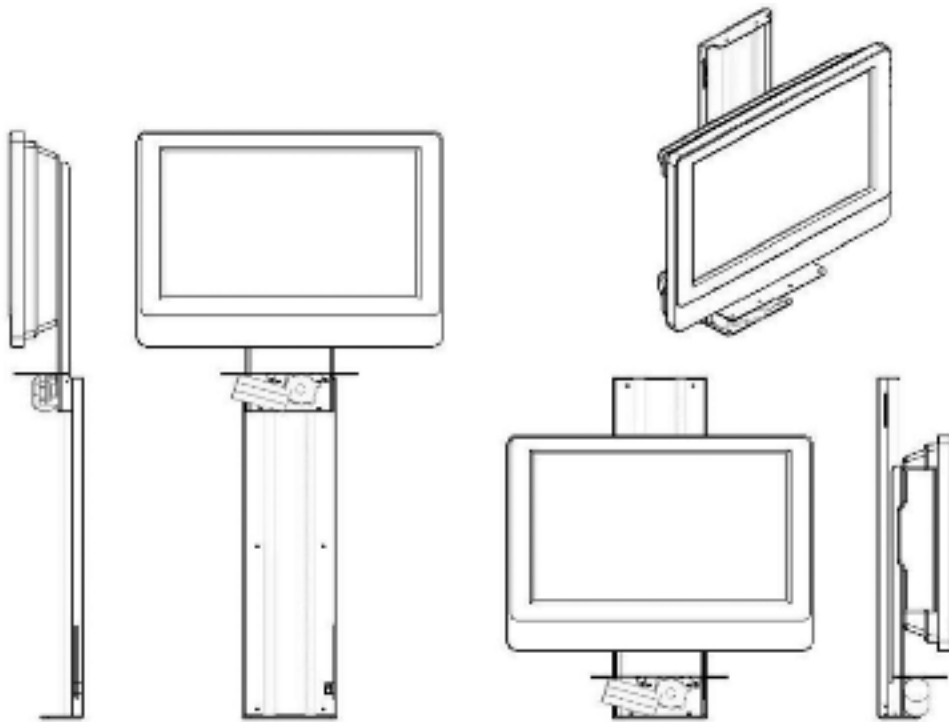
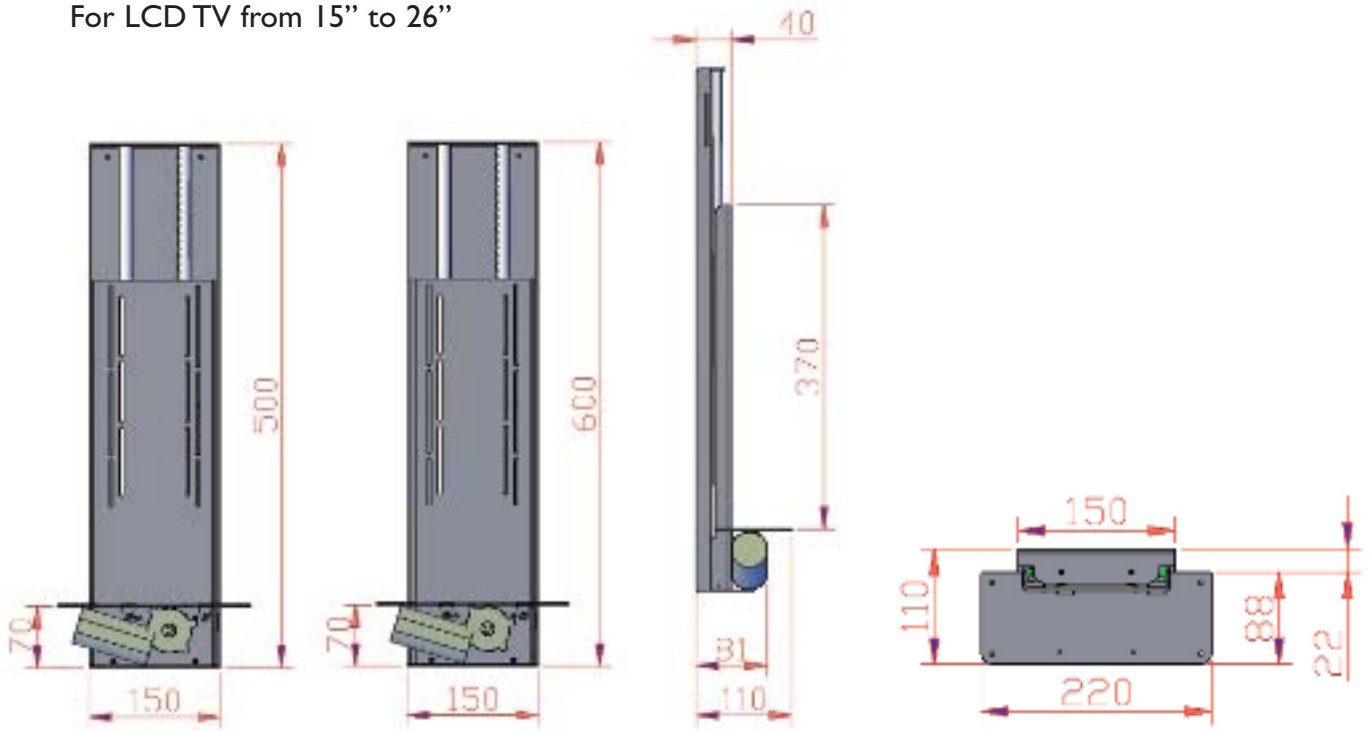
SLIDING OPENING	PHANTOM				
UNITS	A	B	C	D	Supply
7001P	1200	850	750	160	24V
7002P	1200	950	850	160	24V
7003P	1200	1050	940	160	24V



YO-YO Series

RISE AND FALLS

For LCD TV from 15" to 26"



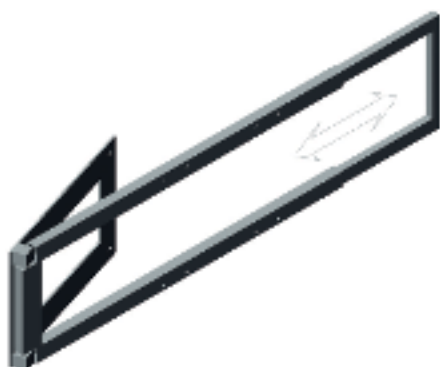
ITEM	Yo - Yo			
	RUN	BRACKET	MAX LOAD	Supply
7900 H600	530	370	15 Kg.	12V
7900 H 500	430	370	15 Kg.	12V

WALL MOUNTED UNITES



Mod. 7700E

Wall bracket with manual rotation 90° deg
For LCD TV from 15" to 22"
stainless steel AISI 316



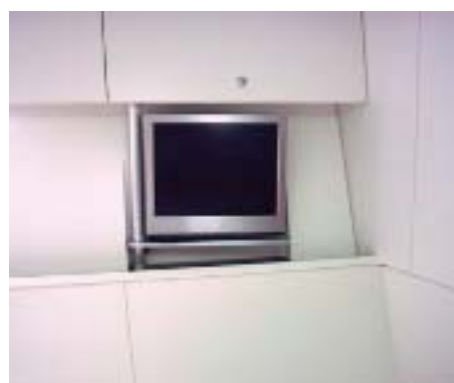
Mod. 7730/32

Wall bracket with manual rotation 90° deg
For LCD TV 30" + 32"
stainless steel AISI 316



Mod. 7273 VESA

Wall brackets for LCD TV from 13" to 30"



Accessories



Cod. 7212-EC4R

Control logic box 12V

Cod. 7224-EC4R

Control logic box 24V

Cod. 7224-EC4R-BS

Control logic box for PHANTOM BS - ceiling flip-down unit

Cod. 7224-EC4R-TS

Control logic box for PHANTOM TS electrical rotation



Cod. 7273 PROX

Free Shock System: security proximity system



Cod. 7112 12v

Cod. 7124 24v

Cod. 7124 CH4 24v

Remote control two or four channels- radio controlled



Cod. 719412

Transformer 8,5 Ampère 115-220/12V

Cod. 719424/6

Transformer 6,2 Ampère 115-220/24V

Cod. 719424/10

Transformer 10 Ampère 115-220/24V

Cod. 719424/20

Transformer 20 Ampère 115-220/24V



Cod. 719505

Cod. 719510

Cod. 719520

DC\DC converter from 24 to 12V max current 5/10/20 A



THE SIZES ILLUSTRATED REFER TO THE CURRENT PRODUCTION UNITS OF THE MAJOR MANUFACTURERS OF LCD, PLASMA AND TV SCREENS. THESE ARE SUBJECT TO CHANGES IN PRODUCTION DUE TO PRODUCT DEVELOPMENT.
SEA & SYMPHONY RESERVE THE RIGHT TO MAKE ANY NECESSARY AMENDMENTS WITHOUT PRIOR NOTICE.

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