



PONTEGGI
Cimar®

TECHNOLOGY AND MODULARITY

PA 50/4 PA 50/12 PA 50/14



TECHNICAL DATA	PA 50 / 4	PA 50 / 12	PA 50 / 14
Mast height (maximum)	m 50	m 50	m 50
Platform length	m 3.85	m 12.25	m 13.77
Platform width	m 0.75	m 0.75	m 0.75
Telescopic front edge extensions (standard)	m 0.55	m 0.55	m - -
Overall platform width (standard)	m 1.3	m 1.3	m 0.75
Maximum distributed load	Kg 600	Kg 2.000	Kg 1.600
Lifting power (50 Hz)	kW 0.75x2	kWh 0.75x4	kW 0.75x4
Power supply	kWh 2	kWh 4	kWh 4
Travel speed (50 Hz)	m/min 5.8	m/min 5.8	m/min 5.8
Tie intervals	m 6	m 6	m 6
Platform decomposable in deck modules of	m 1.5	m 1.5	m 1.5
Mast section	m 1.5	m 1.5	m 1.5

WEIGHTS

Base complete with drive unit and wheels	380 Kg
Galvanized mast section complete with bolts and pins	40 Kg
1,5 m. deck module complete with extensions towards the wall, but excluding extensions deck material	78 Kg

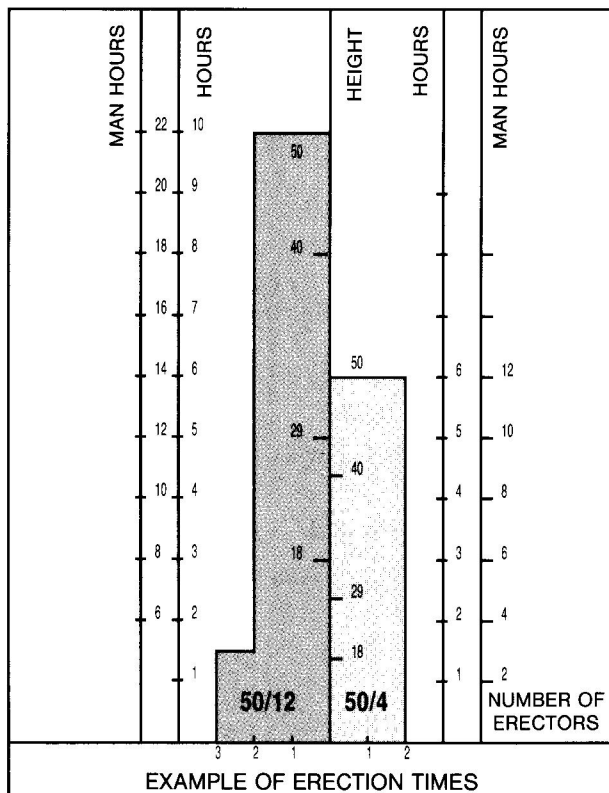
		SINGLE MAST PA 50 / 4		TWIN MAST PA 50 / 12		TWIN MAST PA 50 / 14	
		Total dead load Kg	Payload + dead load Kg	Total dead load Kg	Payload + dead load Kg	Total dead load Kg	Payload + dead load Kg
Height	2.82 m	768	1,361	1,856	3,936	1,967	3,567
"	14.89 "	1,096	1,689	2,512	4,592	2,623	4,223
"	20.92 "	1,260	1,853	2,840	4,920	2,951	4,551
"	25.44 "	1,383	1,976	3,086	5,166	3,197	4,797
"	29.97 "	1,506	2,099	3,332	5,412	3,443	5,043
"	34.49 "	1,629	2,222	3,578	5,658	3,689	5,289

CABLE SIZE ACCORDING TO IEE REGULATIONS

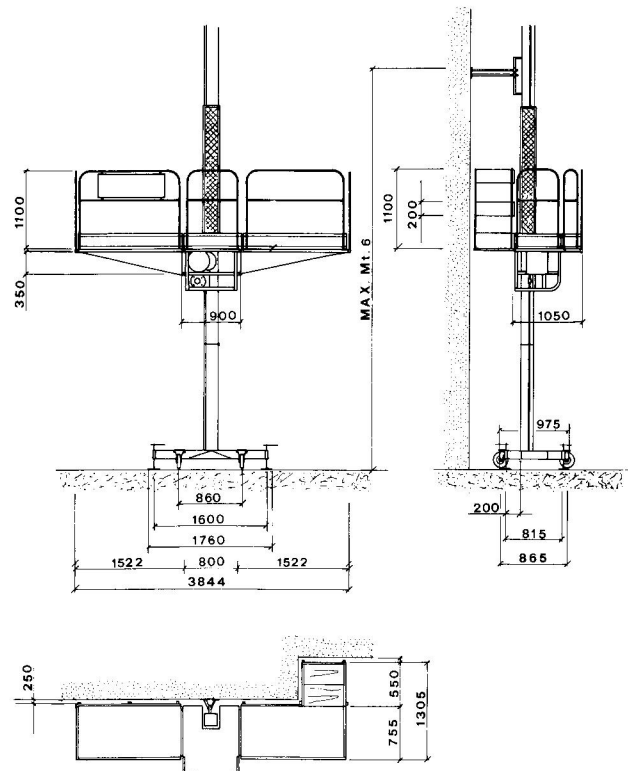
LENGTH	SINGLE MAST	TWIN MAST
L = m 40	5 x 1.5 mm ²	5 x 2.5 mm ²
L = m 60	5 x 1.5 mm ²	5 x 2.5 mm ²
L = m 80	5 x 1.5 mm ²	5 x 2.5 mm ²
L = m 100	5 x 1.5 mm ²	5 x 2.5 mm ²

SAFETY FEATURES

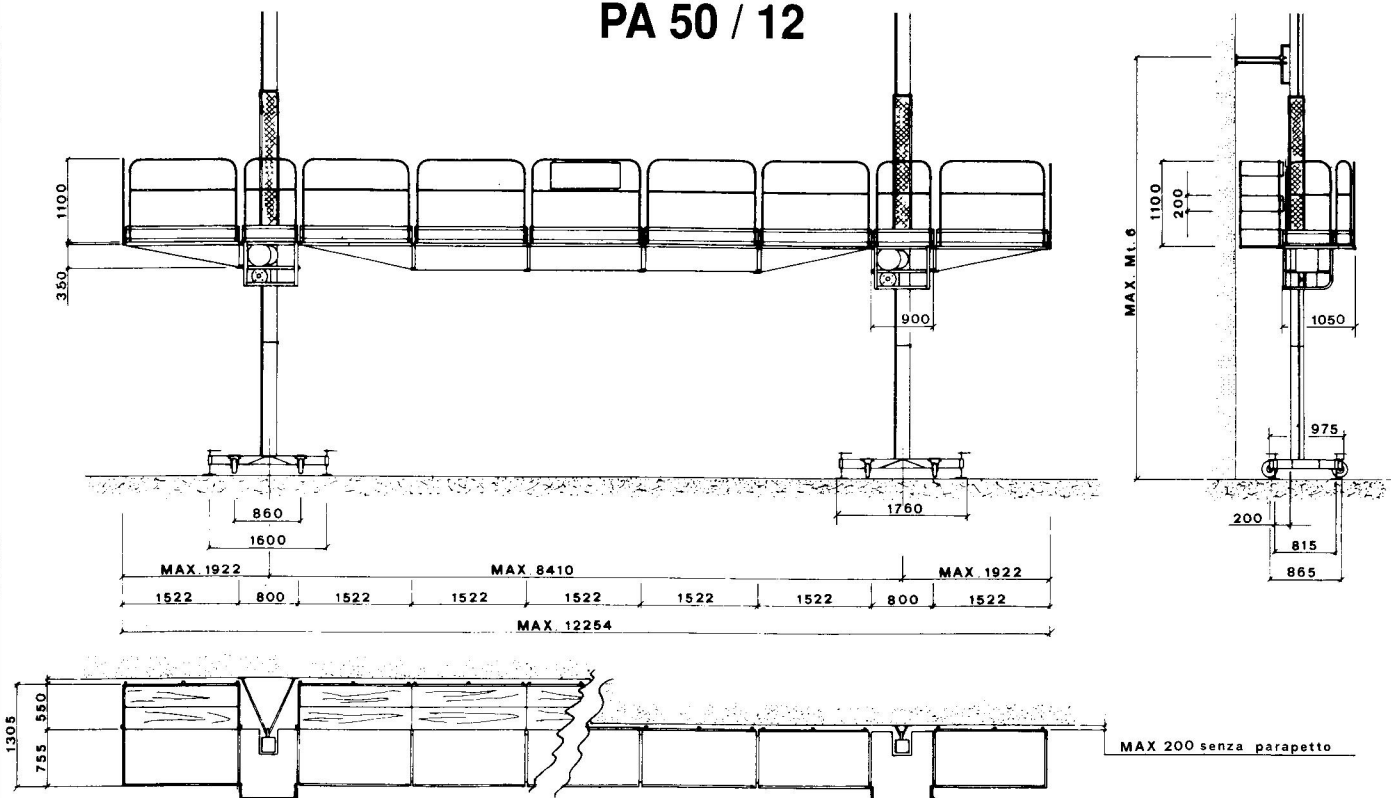
- | | |
|--|--|
| - DOUBLE GEARED MOTOR DRIVE UNIT | - ACCESS GATES WITH AUTOMATIC ENCLOSURE |
| - MANUAL BRAKE RELEASE MECHANISM MOUNTED ON PLATFORM | - MAST GUARD FOR MAST SECTIONS ON PLATFORM |
| - TOP AND BOTTOM TRAVEL LIMITS | - TOP MAST SECTION WITH CUT RACK TO PROTECT OVERRUN CONDITION |
| - MAST TRAVEL OVERRUN LIMITS | - ELECTRICALLY INTERLOCKED ACCESS GATES |
| - OVERLOAD PROTECTION FOR EACH MOTOR | - AUTOMATIC KLAXON ALARM SOUNDS, BEFORE PLATFORM MOVES IN EITHER DIRECTION |
| - AUTOMATIC PLATFORM LEVELLING DEVICES INSTALLED FOR TWIN MASTED OPERATION | - 24 VOLT CONTROL CIRCUIT |
| - DECK AREA COMPLETE WITH GUARDRAIL AND KICK BOARDS | - RESILIENT BUFFERS FITTED TO BASE UNITS |



PA 50 / 4



PA 50 / 12



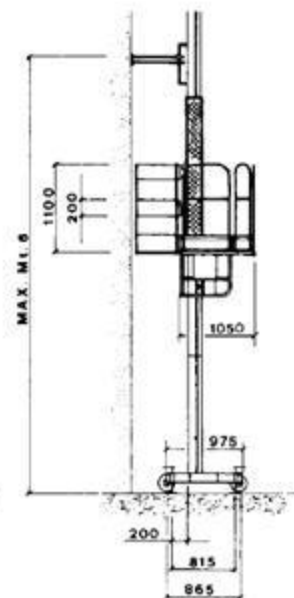
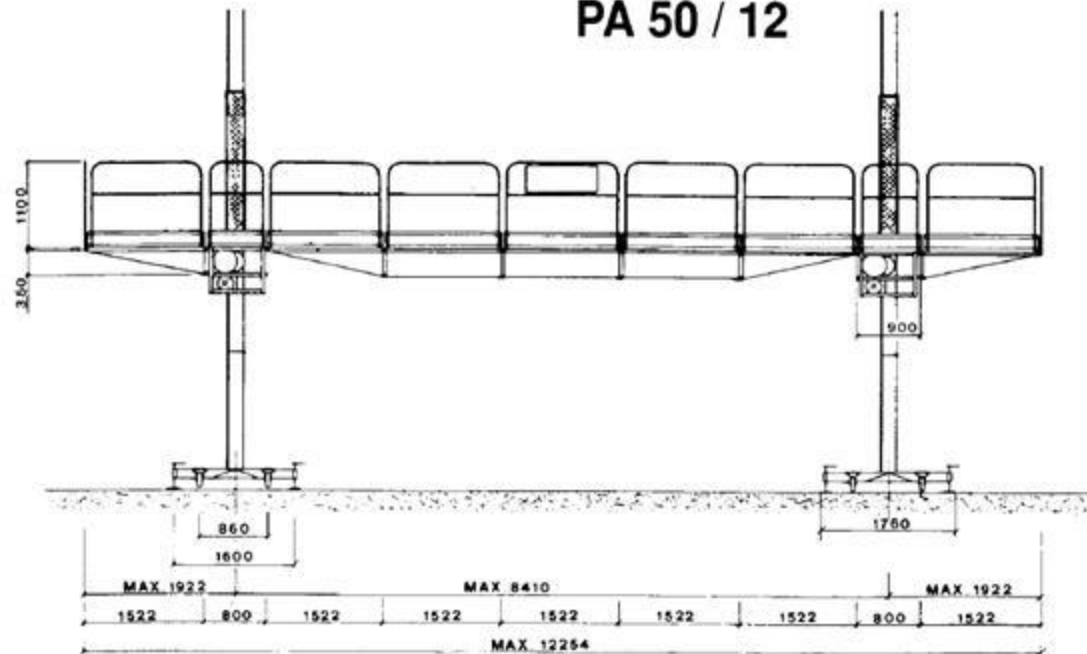
The ground must be capable supporting the load per mast shown in the table. See diagram.



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PA 50 / 12



ความยาว ทั้งหมด (เมตร)	จำนวนเพลต ตรงกลาง	ระยะห่าง ระหว่าง กึ่งกลาง MAST 2 ต้น
6.166	1	2.322
7.688	2	3.844
9.210	3	5.366
10.732	4	6.888
12.254	5	8.410



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Basement and drive platform on castoring wheels.



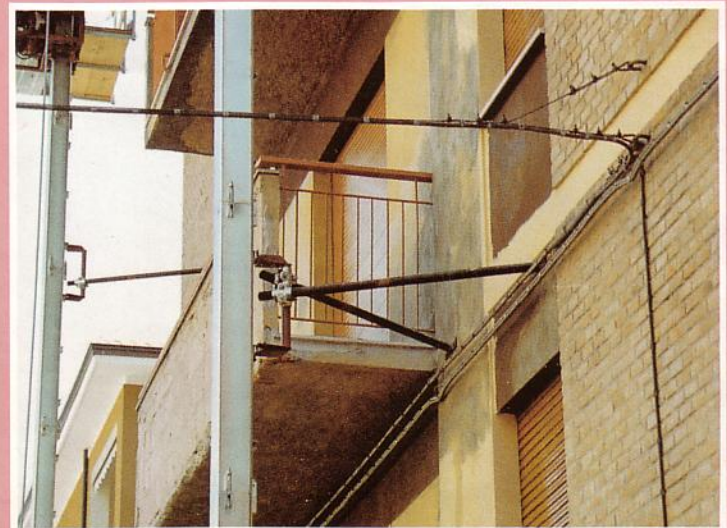
Practicalness and modularity during erection.



Access to deck area and total protection also during erection.

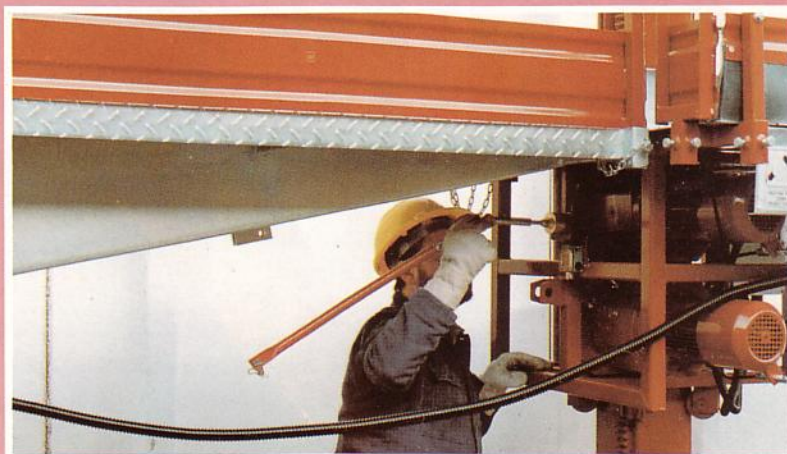


Easily fixed mast ties.

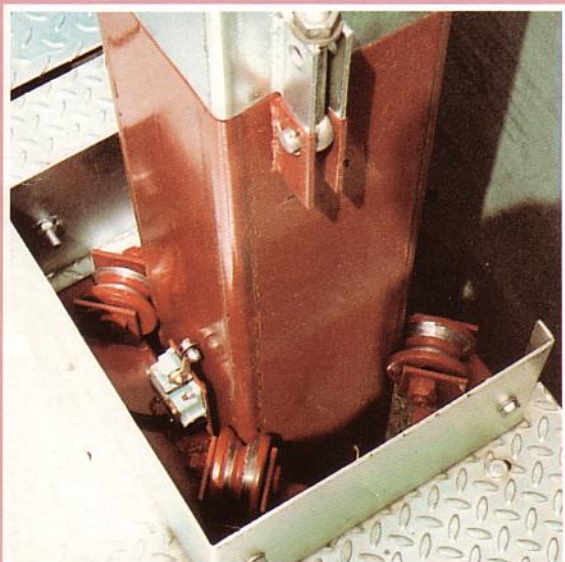




RESEARCH AND DEVELOPMENT
QUALITY IN MANUFACTURE
GUARANTEED COMPONENTS
TOTALLY MODULAR
PUNCTUAL SERVICE



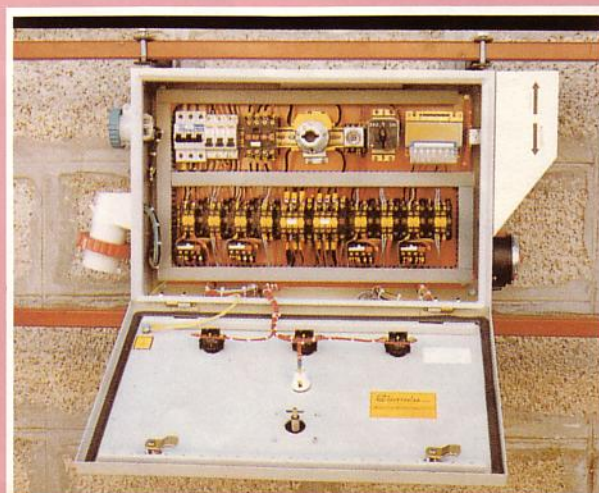
Automatic electromechanical levelling system.



Rapid erection of mast sections. Adjustable rollers to control pinion mesh.



Wide modularity of deck extensions to the wall.



All control and safety circuits in one simple compact and functional panel.