Ⓕ INSTRUCTIONS
ⒼⒷ OPERATING INSTRUCTIONS
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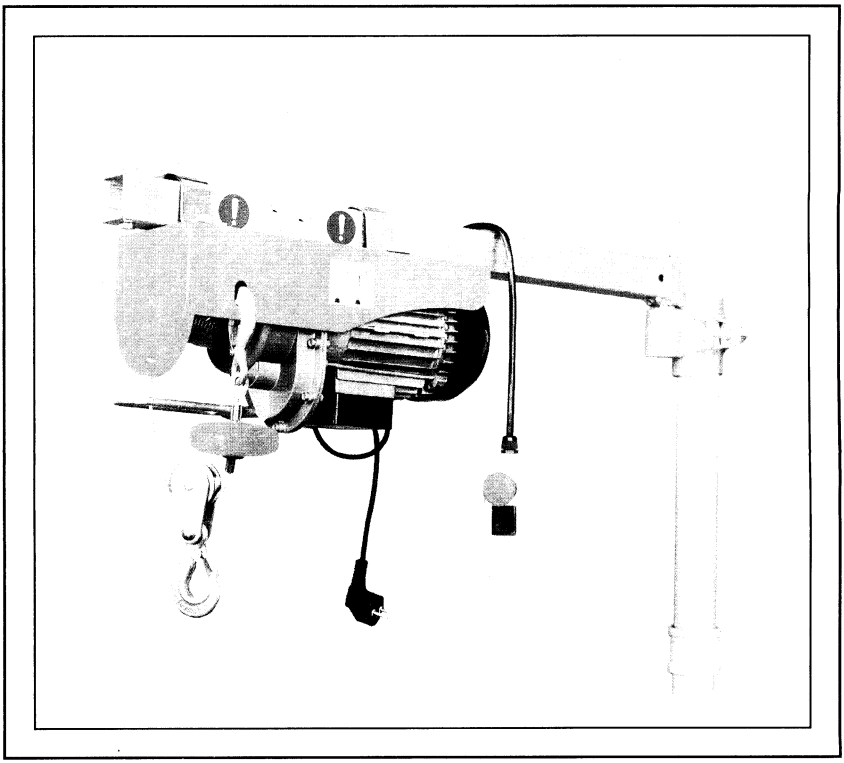


PALAN
CABLE HOIST
SEILWINDE
POLIPASTO
PARANCO

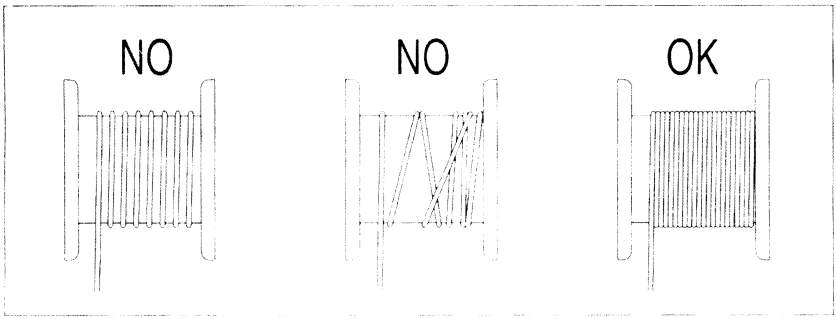
PA 200 PA 250 PA 300 PA 400 PA 500 PA 600

Congratulations for your excellent choice! Your new electric tool is manufactured in compliance with the best quality and reliability standards,ensuring you efficiency and safety for a long period of time.

GENERAL SAFETY RULES

WARNING! Before using this electric tool,carefully read the general safety rules listed below.

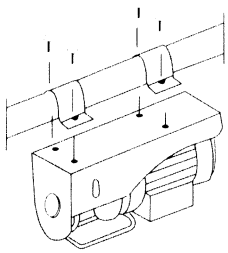
- Your sockets must comply with safety rules.
  In case your sockets are not suitable,they should be checked by a skilled electrician.
- Your socket plug must absolutely be grounded and your electric system must be supplied with a magneto cut-out safety.
- When the machine is running unwatched,be careful that children cannot reach it.
- Do not pull the electric cable to disconnect the plug.
- The machine shall be protected from frost and low temperatures.
- In case the machine cannot hoist a load,do not keep pressing the hoisting push-button:this means that the load exceeds the machine maximum capacity.
- The machine shall not be disassembled when running or connected to power.
- The machine shall not be operated when it is raining or storming.
- Do not stand under hoisted weights.
- Before starting the work,make sure that the steel cable is correctly winded around the reel and the pitch is equal to the cable diameter.

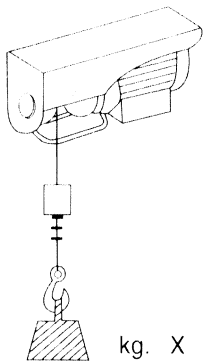


- **OBSERVE THE MAXIMUM LOAD INDICATED ON THE HOIST,NOT THAT ON THE HOOK!**
- Leave at least three turns of cable around the reel so that the cable connection is not under stress.
- To avoid any danger,do not wind more than 15 mt of cable around the reel.
- In case the steel cable is worn out it must be replaced only with a cable of same characteristics manufactured by us. It can be found at all authorized service shops.
- Before starting the work check that switches are in good operating conditions.
- In case the hoist stops during the lowering of a load,it is normal that the load goes down a few centimeters more because of inertia.
- **ATTENTION!! THE HOIST ELECTRIC MOTOR IS NOT SUPPLIED WITH ANY OVERLOAD CUT-OUT (TO AVOID AN UNEXPECTED AND UNWANTED RE-START) THEREFORE,IF YOU ARE UNABLE TO HOIST A LOAD DO NOT INSIST AND LET THE MOTOR COOL DOWN.**

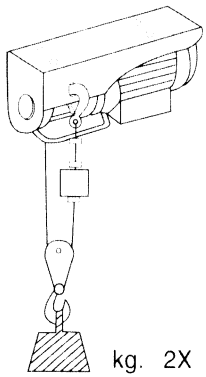
INSTALLATION

The hoist «STANDARD VERSION» is provided with a specially designed bracket system which allows to hold pipes box





kg. X



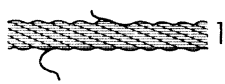
kg. 2X

Check that socket features (volt-hertz) correspond to those indicated on the machine plate;then,you can insert the plug.
In case a cable extension is needed ,it is absolutely important to respect the table's data.

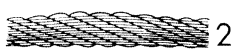
EXTENSION LENGHT	EL CABLE SECTION
Up to 20m da 20 a 50m	1.5mm 2.5mm

MAINTENANCE

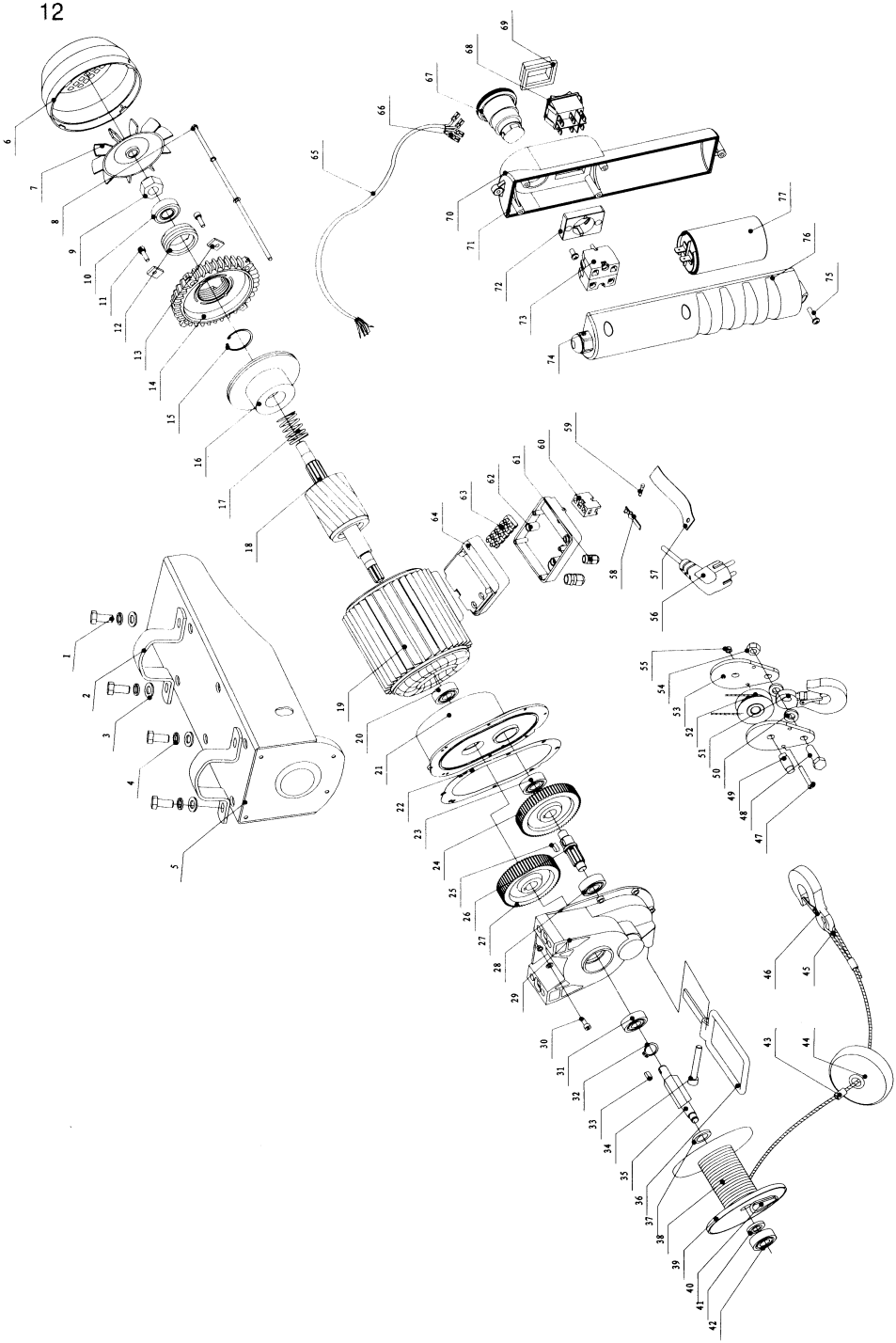
- Periodically CHECK that the steel cable is in good conditions.
- CHECK that the screws securing the brackests and reduction gear are well tightened.
- CHECK THE CONDITIONS AND TIGHTENING OF THE NUTS securing the steel cable clamps.
- Periodically CHECK that motor stop switch and push button switch are in good cperating conditions.



1-2- replace



Technical data	PA 200		PA 250		PA 300		PA 400		PA 500		PA 600	
	standard version	version with double load cap	standard version	version with double load cap	standard version	version with double load cap	standard version	version with double load cap	standard version	version with double load cap	standard version	version with double load cap
Load capacity	100 kg	200 kg	125 kg	250 kg	150 kg	300 kg	200 kg	400 kg	250 kg	500 kg	300 kg	600 kg
Lifting height	11 m	5.5 m	11 m	5.5 m	11 m	5.5 m	11 m	5.5 m	11 m	5.5 m	11 m	5.5 m
Lifting speed	10m/min	5m/min	10m/min	5m/min	10m/min	5m/min	10m/min	5m/min	10m/min	5m/min	10m/min	5m/min
cable lenght	12 m		12 m		12 m		12 m		12 m		12 m	
cable diameter	3 mm		3 mm		3 mm		3.8 mm		4.2mm		4.5mm	
Resister cable	⩾800kg		⩾800kg		⩾800kg		⩾1100kg		⩾1300kg		⩾1600kg	
Service	S_3 20% - 10 min		S_3 20% - 10 min		S_3 20% - 10 min		S_3 20% - 10 min		S_3 20% - 10 min		S_3 20% - 10 min	
Mains voltage	230V~50Hz		230V~50Hz		230V~50Hz		230V~50Hz		230V~50Hz		230V~50Hz	
Motor performance	P_1 480W		P_1 540W		P_1 600W		P_1 950 W		P_1 1020W		P_1 1200W	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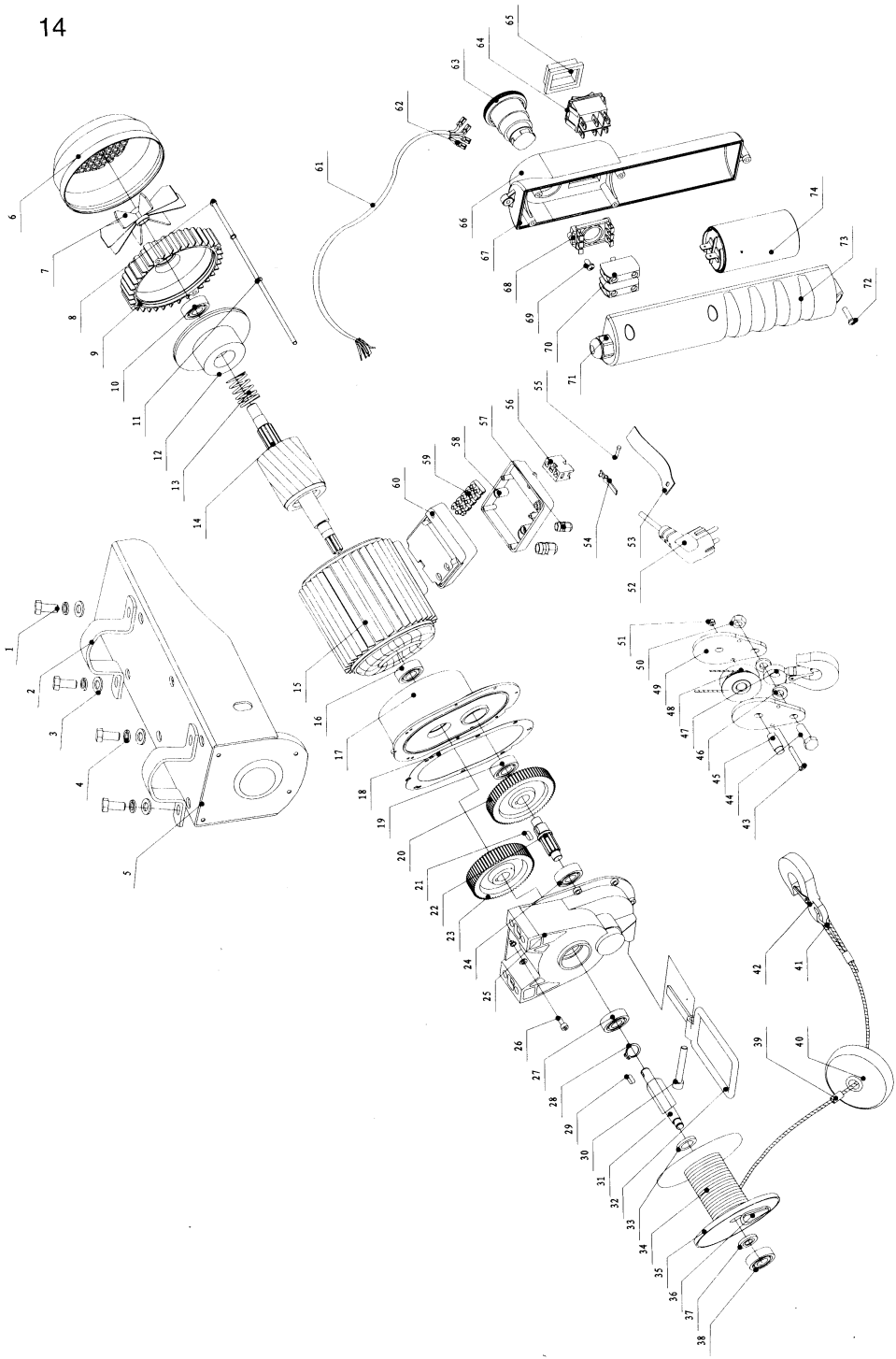
No.	Description	No.	Description
1	Hexagon bolt	40	Wedge
2	Fixing ring	41	Exrernal washer
3	Flat washer	42	Bearing
4	Spring washer	43	Aluminum pipe
5	Support structure	44	Block
6	Fan housing	45	Rope thimble
7	Fan blade	46	Hook
8	Hexagon bolt	47	Hexagon bolt
9	Prevailing torpue type	48	Hexagon bolt
10	Bearing	49	Wheel axle
11	Socket head cap screw	50	Hook washer
12	Bearing sleeve	51	Pulley hook
13	Clamp	52	Pulley
14	Aft closure	53	Pulley splint
15	Internal circlip	54	Prevailing torpue type
16	Brake component	55	Prevailing torpue type
17	Tripping spring	56	Three-prong plug
18	Rotor	57	Leaf spring
19	Stator casing assembly	58	Break contact
20	Bearing	59	The positioning pin
21	Front cover	60	Limit switch
22	Sealed paper pad	61	Holding fixture
23	Bearing	62	Junction box cover
24	First gear	63	Terminal
25	Flat key	64	Junction box base
26	Gear shaft	65	Cable conductor
27	Second gear	66	Socket
28	Bearing	67	Emeryency stop switch
29	Gear case	68	Rise and down switch
30	Socket head cap screw	69	Water shield
31	Bearing	70	Upper lid of the handle
32	Elastic collar	71	Handle seal
33	Flat key	72	The switch block base
34	Socket head cap screw	73	Urgent stop switch
35	Rope shaft	74	Holding fixture
36	Limit frame	75	Crossed slot round bolt
37	Lnner washer	76	Lower lid of the handle
38	Wire rope	77	Capacitor
39	Rope roll		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37	Exrernal washer	74	Capacitor