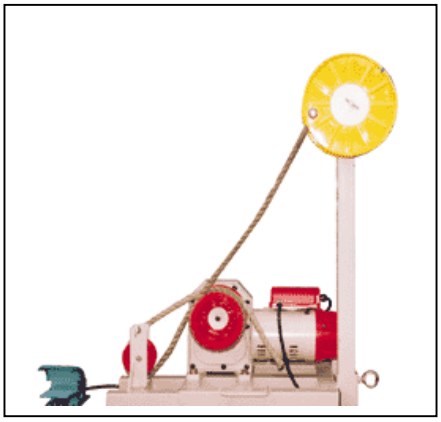
Pacific Capstan Winch

H-2500

Features:

- Unique drum design provides dual speed and two load capacities
- Forward / reverse operation….
  Allows pulling & unwinding of ropes
- Over-load protection switch….
  Automatically stops when an excessive current draw is detected
- Electro-magnetic brake….
  Activates automatically in the event of power loss



INSTRUCTION MANUAL

SAFETY PRECAUTIONS

* Do not operate the cable puller unless you are properly trained, Authorized or licensed (where applicable) to do so.
* Don’t operate the cable puller unless you are familiar with all controls, safety precautions, warnings or regulations regarding its use.
* Never pull a load unless all personnel are clear.
* Never pull a load beyond the rated capacity of the cable puller
* Stand clear of the load when winching.
* Avoid excessive inching or quick reversal of the load.
* Perform all daily, monthly and yearly inspections as required.

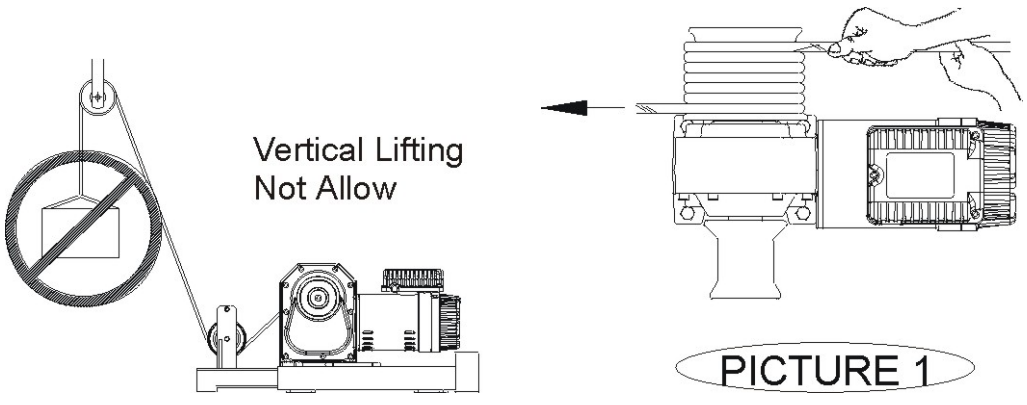
SPECIFICATION

MODEL		H-2500	
RATED PULLING FORCE		2,500kgs	1,500kgs
SPEED	50Hz	2.5M/min	4.0M/min
	60Hz	3.0M/min	5.0M/min
POWER SOURCE	1ψ 220V□ 230V□ 240V 50/60Hz		
MOTOR	Induction Motor 600W		
STANDARD ACCESSORIES	Foot Control (ψ2mm x 3C x 2M)		
	Power Cord (ψ2mm x 3C x 2M)		

NB: Intentional misuse or use

PRE-RUNNING BEFORE OPERATION

1.Install this machine on the ground horizontally.
2.Confirm that the machine voltage complies with the power source.
3.Connect the power cord with the power source, set the over-load protection switch in to the "RESET" position.
4.Press the "Foot Control" down, the drum rotates in a clockwise direction and make sure there is no noisy sound level or malfunction.
5.Release the "Foot Control" to have an emergency stop. The brake performs inter-locked and motor has instant hold while power failure.



PICTURE 1

PRECAUTIONS AT THE TIME OF OPERATION

1.This machine is designed to give safe and dependable
service of pulling , it is not to be use to lift goods vertically .

2.Confirm the required pulling force and select the proper speed.

3.If speed changing is required.

- Make sure there is no rope wound on the drum.
- Do not change the speed while the cable puller is running.

4.Precautions during operation

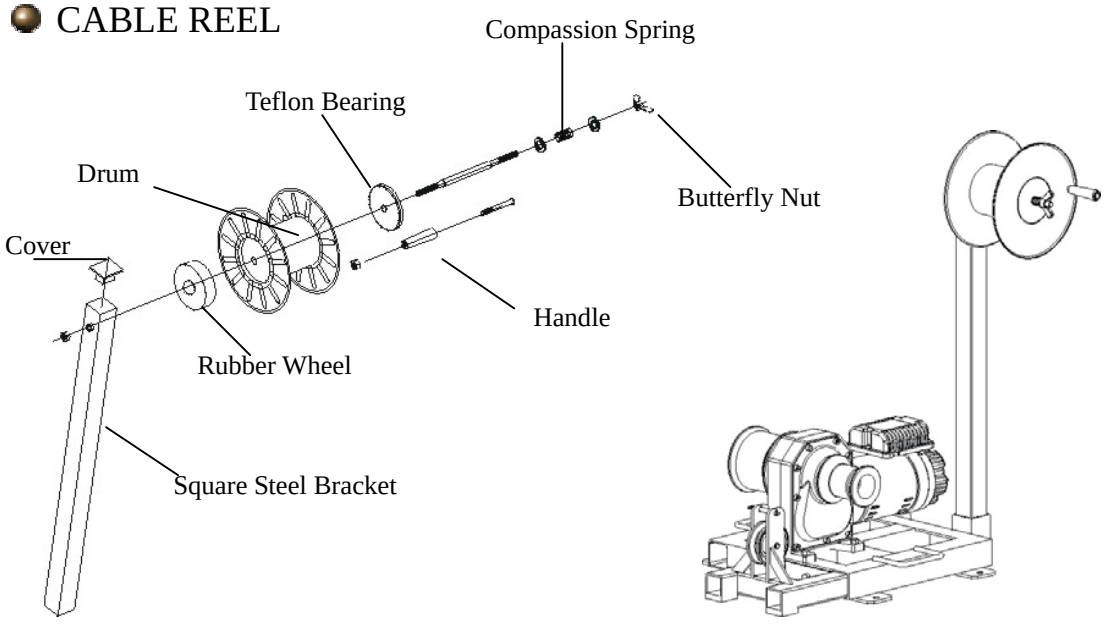
- Do not overload.
- While the drum rotates in clockwise direction, the wire rope shall be wound on the drum in a clockwise direction.
- A minimum of six (6) wraps of rope around the drum is necessary to hold the rated load.
- The winding direction is shown in picture 1 .
- Give force to wire rope by hands and make sure rope to be wounded evenly without a mixed winding in existence .

5.The "Foot Control" is designed to press it for start and release it for stop .

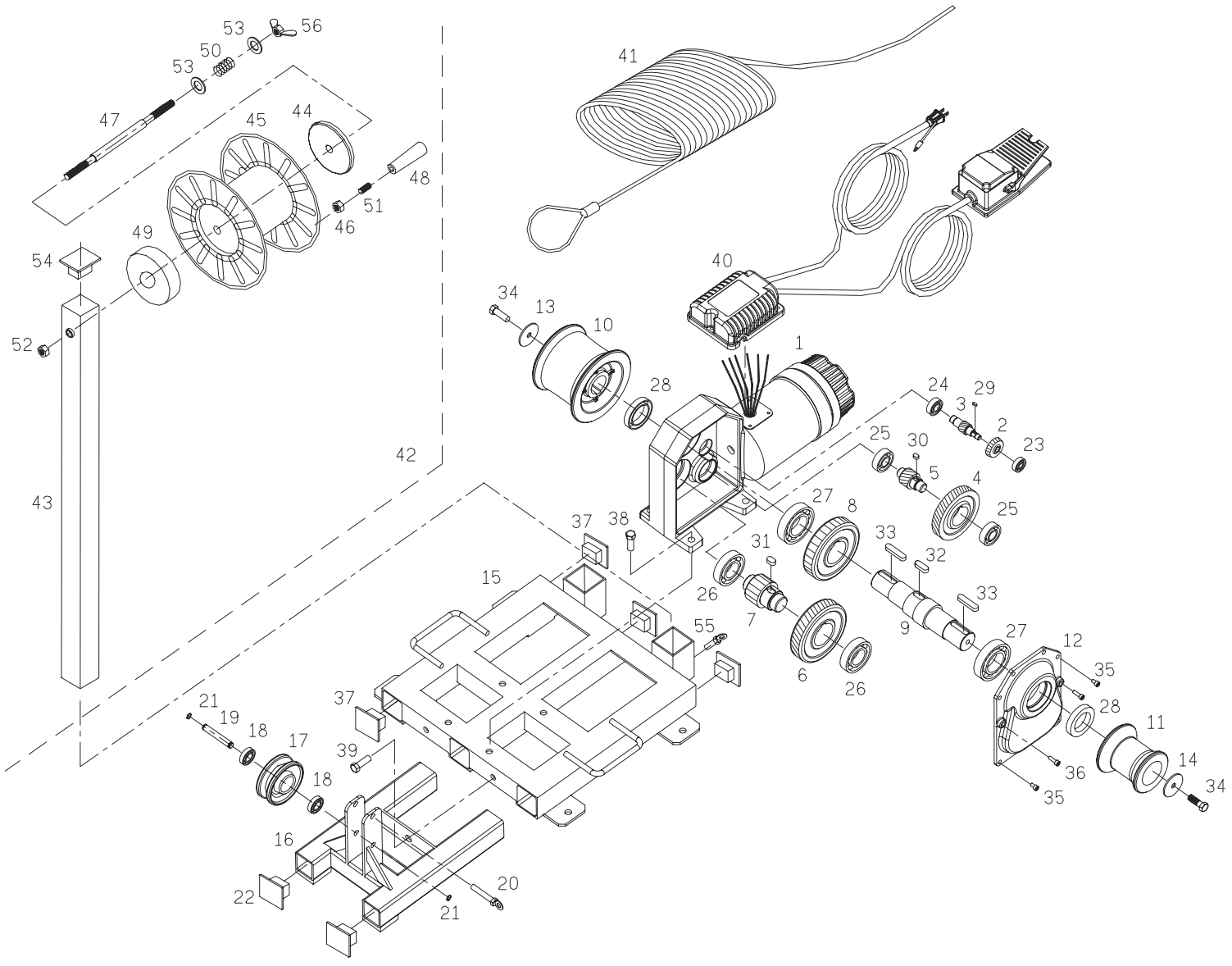
6.If there are any observed abnormality of over-load or abnormal current ,
the "Over-Load Protection Switch" cuts the power source automatically

- For the cause of over-load , it is essential to reduce the load and to put the switch to the "Reset" position after a while .
- For the cause of abnormal current . Please check the power source .

CABLE REEL



PARTS BLOW UP



PART NUMBERS

Item No.	Description	Specification	Item No.	Description	Specification	Item No.	Description	Specification
1	Motor	1ψ,0.8HPX4P	20	Bolt	P21M0101060	39	Hex. Screw	M12x35L
2	1st Gear	P1240105300	21	C Ring	S12	40	Foot Switch Ass'y	
3	2nd Shaft	P1230205300	22	Plate	50X50	41	Wire Rope	ψ8x50M
4	2nd Gear	P1240205300	23	Bearing	6200	42	Roller	H2510
5	3rd Gear	P1230305300	24	Bearing	6202	43	Roller Plate	P1331002550
6	3rd Shaft	P1240305300	25	Bearing	6204	44	Roller	P5121300100
7	4th Shaft	P1230405300	26	Bearing	6207	45	Roller Plate	P3121500100
8	4th Gear	P1240405300	27	Bearing	6209Z	46	Hex. Screw	3/8"
9	Output shaft	P1230501810	28	Oil Seal	45X68X12	47	Fixed Shaft	P1230806200
10	Drum A	P1121102020	29	Double Round Key	4x4x10L	48	Handbar	P5151600010
11	Drum B	P1121102030	30	Double Round Key	8x7x12L	49	Plate	ψ4"xψ1"x1"t
12	Real Cover	P3141205300	31	Double Round Key	12x8x20L	50	Spring	P1841600200
13	Packing	P23M7000600	32	Double Round Key	12x8x28L	51	Hex. Screw	3/8"X1.5"L
14	Packing	P23M7000110	33	Double Round Key	12x8x45L	52	Hex. Nut	M12
15	Base Plate	P1220802310	34	Hex. Screw	M10xP1.5x25L	53	Packing	M12
16	Roller Plate	P1231600040	35	Hew. Screw	M8x20L	54	Plate	50x50
17	Roller	P1121303000	36	Hex. Screw	M8x30L	55	Screw	M12X22L
18	Bearing	6201zz	37	Plate	60x60	56	Wing Nut	M12
19	Roller Shaft	P1231300400	38	Hex Screw	M12x40L	57		

COME-UP