



**champion**  
PROFESSIONAL

## Operation Manual

Maxo Floor Scrubber 175 RPM :

12L | 12SH

14L

16L | 16C

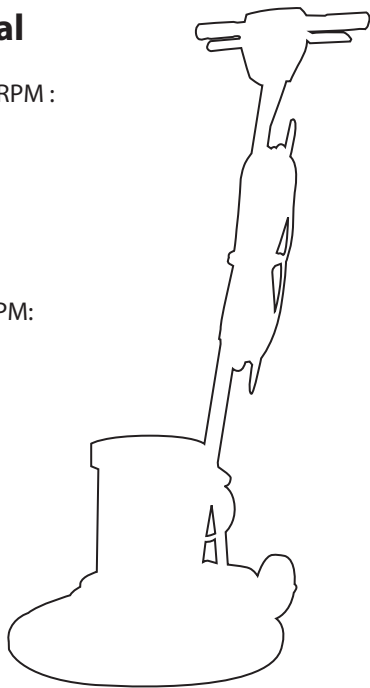
18L | 18N | 18B

20L

Belto Floor Polisher 320 RPM:

16H

18H



*Clean Professionally*  
สะอาด...อย่างมืออาชีพ

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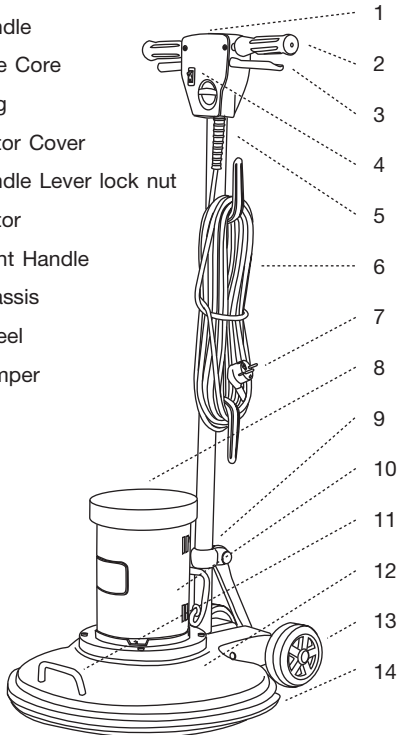
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# Major Parts Names | ส่วนประกอบเครื่อง

- |                          |                       |
|--------------------------|-----------------------|
| 1. หัวเครื่อง            | Head Control          |
| 2. คันบังคับเครื่อง      | Control Lever         |
| 3. คันสวิตช์             | Switch Lever          |
| 4. สวิตช์ควบคุมระบบไฟฟ้า | Power Supply Switch   |
| 5. ด้ามเครื่อง           | Handle                |
| 6. สายไฟ                 | Wire Core             |
| 7. ปลั๊กไฟ               | Plug                  |
| 8. ฟาครอบมอเตอร์         | Motor Cover           |
| 9. ตัวรัดระดับด้าม       | Handle Lever lock nut |
| 10. มอเตอร์              | Motor                 |
| 11. มือจับด้านหน้า       | Front Handle          |
| 12. ตัวถัง               | Chassis               |
| 13. ล้อ                  | Wheel                 |
| 14. ยางกันชน             | Bumper                |



## Warning

- In order to reduce damages caused by fire or electric short circuit. Don't place the machine exposing to rain or moisture.



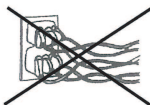
## Precautions for Your Personal Safety

- Before operation, Study the operation manual carefully. Keep this manual for future use. The warnings and precautions in this manual should be strictly observed and the instructions on safety must be followed.
- Don't use any damaged wires or plugs, as they might lead to fire or electric short circuit.
- Keep the machine out of reach of the children.
- Don't try to fix the machine yourself. Contact the distributor or the service representative to do it instead.
- Turn off the machine every time after use. Don't forget to pull the plug out of the receptacle.



## Precautions in Operation

- Don't share the receptacle with any equipment.
- Don't insert or pull out the plug in order to turn on or turn off the machine.
- Don't damage the wire or modify it.
- Don't pull or drag the wire sharply to take off the plug.
- Don't put your finger or any material in the machine.
- Turn off the machine and pull the plug out before cleaning.
- Don't spray water or place wet cloth on the machine.
- Don't use wet hand to directly touch the machine.
- Operate the machine away from children area.
- Don't operate the machine near any inflammable materials.



## Standard and Option Accessories

Each model has different functions and capabilities and also applicable with supplementary as shown below:

<b>Accessories</b>	<b>Functions</b>	MAXO	BELTO	CARPO	BLINKO
		<i>xx Lxx SH</i>	<i>16H118H</i>	<i>16C</i>	<i>18B</i>
Scrubbing Brush แปรงขัดล้าง	Scrap and clean smooth rough floor, use with cleaning solution	S	0	0	S
Soft Nylon Brush แปรงไนลอนอ่อน	Wash the carpet, clean the floor, use with solution	0	0	S	0
Polishing Brush แปรงขัดเงา	Polish smooth floor	0	S	0	0
Ultra Scrubbing Brush แปรงขัดล้าง	Clean off sticky dirt on hard floor, use with solution	0	0	0	0
Bonnet Driver จานจับมอเน็ต	Hold bonnet mop	0	0	0	0
Pad Driver จานจับแผ่นขัด	Hold floor maintenance pads	S	S	0	S
Bonnet แผ่นมอเน็ต	Collect carpet dirt and clean floor, use with dusttrap solution.	0	0	0	0
Scrubbing Pad แผ่นขัดล้าง	Scrap and wash the surface	S	S	0	S
Polishing Pad แผ่นขัดเงา	Polish and add shine, use with spray buff	S	S	0	S
Beigh Buffer Pad แผ่นขัดเงารอบสูง	Polish and burnish, use with spray buff	X	0	X	X
Shampoo Tank ถังแชมพู	Contain cleaning solution for cleaning conveniences	0	0	S	0

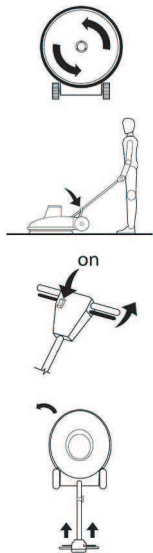
**S : Standard Accessory**

**0 : Option Accessory**

**X : Not Available**

## Operating Instructions

1. Place the machine flat on the floor.
2. Put in the brush or pad (as suitable for use). Put it in appropriately to its place and turn to lock. If use pad, put the pad on the floor and place the machine already fixed with holding plate on the pad. Don't lean towards either side as it might make the machine shake.
3. Place the machine to the right angle with the floor.
4. Adjust the control lever of the machine to the desirable position and lock the position.
5. Take off the wire cord for the length as desired and plug it in the receptacle.
6. Turn on the control power supply switch at the head of the machine.
7. Begin to operate by pressing the switch lever.
8. To control the machine, lift up the lever to turn right. Press it down to turn left. And push and pull to go forwards or backwards.



## Floor Maintenance Instructions

	Smooth Surface	Rough* Surface	Concrete*	Wood, Paquetry	Vinyl	Tile, Stone	Carpet
Scrubbing brush	✓	✓	✓				
Soft nylon brush	✓	✓	✓	✓	✓	✓	✓
Polishing brush				✓	✓		
Ultra scrubbing brush		✓	✓				
Bonnet				✓	✓	✓	✓
Scrubbing pad	✓						
Polishing pad	✓				✓	✓	

\* Do not use the machines model 16H and 18H for cleaning, as they were not designed for working with rough floor and the concrete. The machines of different models work differently. Therefore, don't use the machine with the surface unspecified in the chart above.

## Important Notes

- Check the appropriateness of the equipment consistently for safety.
- Disassemble the machine, clean and dry it before keeping in order getting rid dirt and diseases.
- Clean the machine and keep the wire, fold the control lever in its place.
- Keep the machine from water and moisture to prevent electrical leakage.
- Never use damaged wire that might cause danger of electric leaking into the floor.
- Never join the wire too long and too small as the power will not run consistently which will damage the motor and electric system.
- Never put the additional weight on the machine which may damage the machine and the mobile system.
- Never use the machine for too long. Better to stop for 15 minutes for every 1-2 hours of operation.
- Transfer the machine with good care. Never drop or bump it as that will cause damage to the machine and the electric system.
- Any irregular of the machine, bring it to the company for checking immediately. Never fix it yourself absolutely.
- Never store the machine without taking off the accessories.
- Store the machine in the dry and non-moisture place.

## The Maintenance

Oversee and prevention after use:

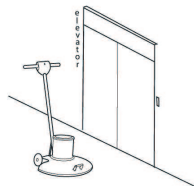
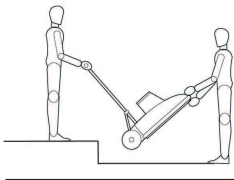
- Turn off the machine and pull the plug out of the receptacle every time for use.
- Fold the wire into its place every time after use.
- Take off the accessories from the machine every time after use.
- Adjust the control lever in its place every time after use.
- Bring the machine and its accessories to store in the dry and non-moisture place, away from direct sunlight.

Moving and Transference:

- Use the lift when moving up and down the floor of the building to prevent colliding or bumping.
- Push the machine only when moving on flat floor. Use the hands to lift the front or the back of the machine when moving on different floor level.
- Never push the machine along different floor level, or the steps. Neither bumps it against the wall.

Cleaning the machine and its accessories:

- Disassemble and clean the accessories every time after use.
- Don't clean the machine while it is hot or immediately after use.
- Use cleaning solution and soft cloth.
- Don't let the cleaning solution to get in the motor.
- Dry the machine and accessories after cleaning every time before storing.



## Troubles Shooting

Symptoms	Causes	Problem solving
<ul style="list-style-type: none"><li>- Unclean floor / Scratches when use</li><li>- Machine jump / Sway irregularly</li></ul>	<ul style="list-style-type: none"><li>- Dirty accessory / Expired material</li><li>- Use wrong kind of accessory</li><li>- Adjust the control lever inproperly</li></ul>	<ul style="list-style-type: none"><li>- Change or clean the accessory</li><li>- Check the use of supplementary accessory</li><li>- Adjust the control lever properly</li></ul>
<ul style="list-style-type: none"><li>- Electricity leak / shock</li></ul>	<ul style="list-style-type: none"><li>- Electric potential too less</li><li>- Moisture in the machine</li></ul>	<ul style="list-style-type: none"><li>- Reverse the electric plug pole</li><li>- Dry the machine in sun or keep in dry place</li></ul>
<ul style="list-style-type: none"><li>- Machine stop</li></ul>	<ul style="list-style-type: none"><li>- Receptacle cords plug loose</li><li>- Not turn on the control switch of power supply</li></ul>	<ul style="list-style-type: none"><li>- Change the receptacle or adjust the plug</li></ul>
<ul style="list-style-type: none"><li>- Power drop / inconsistant</li></ul>	<ul style="list-style-type: none"><li>- Machine too hot / operating for too long</li><li>- Join with too small or too long extension cord</li></ul>	<ul style="list-style-type: none"><li>- Stop the machine for 15 Mins every 2 hours operation or stop every hour while work rough floor or carpet</li><li>- Use the same size of cord as that of the machine</li></ul>
<ul style="list-style-type: none"><li>- The machine sway to left</li></ul>	<ul style="list-style-type: none"><li>- User pushes the control lever too low position</li></ul>	<ul style="list-style-type: none"><li>- Adjust the control lever to find the balanced position</li></ul>
<ul style="list-style-type: none"><li>- The machine sway to right</li></ul>	<ul style="list-style-type: none"><li>- User pushes the control lever too high position</li></ul>	<ul style="list-style-type: none"><li>- Adjust the control lever to find the balanced position</li></ul>

Should there be any irregulars beyond what is mentioned above or you could not solve such basic problem, please contact the distributors or service center promptly.

## Specification | ပဲယုယုဆံ့ပျာ:

Series	Maxo	14L	16L	18L	20L	Belto	Newcon	Carmo	Blinko	
Model	12L/12SH	14"	16"	18"	20"	16H	18H	16C	18B	
Brush Diameter	12"	14"	16"	18"	20"	16"	18"	16"	18"	
Brush Speed	175 RPM	175 RPM	175 RPM	175 RPM	175 RPM	320 RPM	320 RPM	175 RPM	175 RPM	
Motor	1/3	1/2 & 1	1 & 1.5	1 & 1.5	1 & 1.5	1 & 1.5	1	1 & 1.5	1.5	
Drive Train	4 pieces planetary gearbox	4 pieces planetary gearbox	4 pieces planetary gearbox	4 pieces planetary gearbox	4 pieces planetary gearbox	DBS Belt System	4 pieces planetary gearbox	DGS 6 pieces gearbox	DGS 6 pieces gearbox	
Width	12"	14"	16"	18"	20"	16"	18"	18"	18"	
Length	16"	18"	20"	22"	24"	21.5"	23.5"	22"	22"	
Height	46"/27"	46"	46"	46"	46"	46"	46"	46"	46"	
Weight	27 Kgs.	29 Kgs.	34 Kgs.	40 Kgs.	44 Kgs.	38 Kgs.	42 Kgs.	40 Kgs.	75 Kgs.	
Power Cable	15 M. (2x1)									
Power Supply	15 M. (2x1.5)									
Handle	230 Volt 50 Hz									
Warranty	Fully Folding Style									
	12 Months									



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