

Pro**Meister**



User Guide

Produced in Taiwan for Bileko

Bileko

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Air Stripping Tool

Pneumatische Smart Radiergummis

Dekalbortagare

Dekorjernere

Dekalfjernere

Hiomakone

Art. Nr: PT6616

RVNR-01

Read and understand the user guide and labels affixed to the tool. Learn its application and limitations as well as the specific potential hazards peculiar to this tool.

This exploded view diagram illustrates the assembly of a mechanical device, likely a pump or motor. The components are numbered 1 through 34. The assembly is shown in a disassembled state, with parts arranged to show their relative positions and how they fit together. Key components include a large circular flange (1), a central shaft (17), a motor housing (10), a pump housing (8), and various internal components like bearings (9, 11, 12, 13, 14, 15, 16), seals (2, 3, 4, 5, 6, 7), and a diaphragm (18). The diagram is a technical drawing with clear lines and numbers, typical of a user manual.

INDEX NO.	DESCRIPTION	REQ'D QTY.	INDEX NO.	DESCRIPTION	REQ'D QTY.
1	Spindle	1	18	Spring Pin	
2	Chuck Spacer	1	19	Safety Lever	
3	Bearing Housing	1	20	Valve Shaft	
4	Ball Bearing	2	21	O-Ring	
5	Planet Carrier	1	22	Throttle Valve	
6	Needle Spindle	3	23	Valve Spring	
7	Planet Gear	3	24	O-Ring	
8	Internal Gear	1	25	Air Regulator	
9	Ball Bearing	1	26	Spring Pin	
10	Front End Plate	1	27	O-Ring	
11	Spring Pin	3	28	Exhaust Sleeve	
12	Cylinder	1	29	Inlet Bushing	
13	Rotor	1	30	Rubber Band	
14	Rotor Blade	4	31	Housing Cover	
15	Rear End Plate	1	32	Stripe Eliminator Wheel	
16	Ball Bearing	1	33	#17mm Spanner	
17	Motor Housing	1	34	Muffler	

 $We,$

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Sweden*

Herewith declare that the following machine complies with the appropriate basic safety and health requirements of the EC Directive based on its design and type, as brought into circulation by us.

In case of alteration of the machine, not agreed upon by us, this declaration will lose its validity:

Description: Heavy Duty Air Stripping Tool

Type: Art nr: PT6616

Applicable EC Directives: EC Machinery Safety Directives (2006/42/EC)

<i>Applicable Harmonized Standards:</i>	<i>ISO 12100 (Risk Assessment & Risk Reduction)</i>
	<i>ISO 11148-8 (Safety Requirements)</i>
	<i>ISO 15744 (Noise Level)</i>
	<i>ISO 20643 (Vibration Level)</i>

Date / Authorized Signature:

2018-08-17

Title of Signatory:

Albin Karlsson
Purchasing & Category Manager
Business area: Workshop equipment, Consumables & Tools



Operational Methods



Read and understand the user guide and labels affixed to the tool. Learn its application and limitations as well as the specific potential hazards peculiar to this tool.

1. The on/off device is designed inside or outside of the grip. It is a "plug-and-run" type device. This tool will stop operation/rotation in a few seconds after relieving the level control.
2. These accessories or attachments are recommended for use with your ProMeister tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.
3. The speed set up device is indicated by an arrow mark and intergraded with an indication either marked by "H"(high) and "L"(low) or by "+"(high) and "-"(low), rotating the knob to desired speed.
4. Torque Regulator
To set up the torque by using the knob which is indicated by the numbers. Higher number indicates higher torque output setting.
5. ROTATING DIRECTION
Be sure the rotation direction before operating this tool. The "F" point out the direction of forward and the "R" indicates reserve direction. Forward direction is defined as clockwise direction seen from the operator's position.

Maintenance

1. LUBRICATION
Before connecting the air hose, it should apply 4 to 5 drops of #60 spindle oil at air inlet. The repeat oiling after 3 to 4 hours operation will be necessary. Do not lubricate tools with flammable or volatile liquids such as kerosene, diesel or jet fuel.
2. FASTENING OF PARTS
Do the regular check if all the connecting parts are fastened securely properly. It is necessary to go through this check daily before starting your work.
3. CLEANNESS
Dusty and oiling surface on the handle will infected the grip which caused to the reaction torque. Clean the handle with dry clothing is strongly recommended before operation this tool.
4. STORAGE
Put the tool in dry and clean environment. If the tool shall not to be used for a period of time, the residual moisture inside of the instrument could cause the rust. Before storing, oil the instrument at air inlet with spindle oil and operate it for a short period is strongly recommended.

Repairs

Do make use of the spare parts for all the maintenance and repairing job.
Do not invent or make any unnecessary temporary repairs. Major service of maintenance and repairs should be only carried out by well-trained persons or ProMeister of its own authorized service representatives.
Make sure the free speed after each service.

Disposal

Following is the national legislation of waste disposal. Never dispose of the air tool into fire. Separate collection!! This product must not be disposed with normal household waste.

Warranty

All of ProMeister serial pneumatic tools are provided with complete after service and product warranty to the product that Bileko Car Parts AB which were produced in Taiwan.

ProMeister professional air tools, unless otherwise specified are unconditionally guaranteed against defects in materials and workmanship for the life of tool, excluding any other inappropriate operation, modification or repair.
ProMeister will repair or replace the tool that fails to give satisfaction service on the condition that tool has not been abused or modified and that it is returned to authorized warranty ProMeister dealer.

If there is a defective product claim of ProMeister, please contact the ProMeister's authorized sales/service representatives.

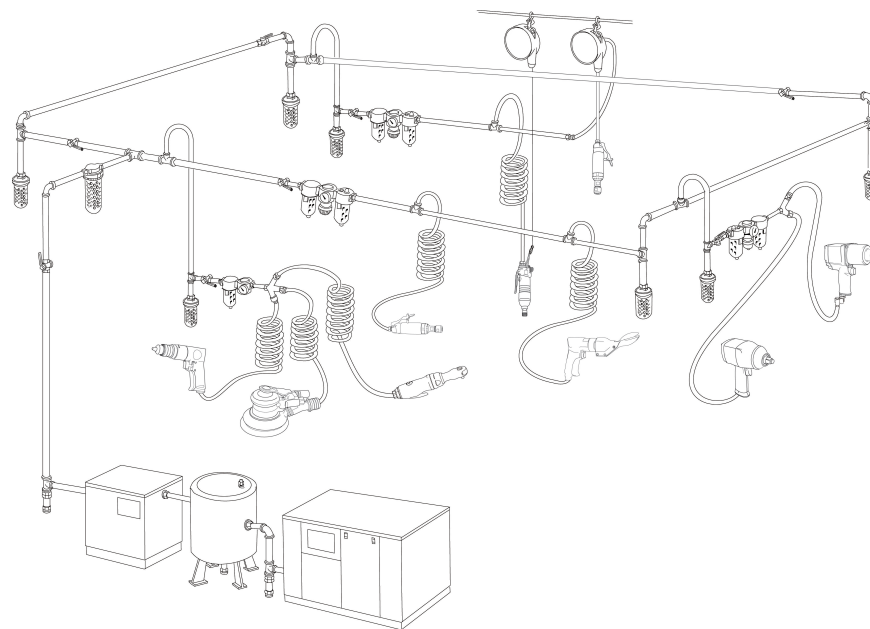


Operation Guides



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1. TIPS FOR USE
(Safety Regulations while using ProMeister brand Air Impact Wrench)
 - 1.1. AIR PRESSURE
Always use the clean and dry air to operate the tool at 90 psi (6.2 bar) & do not operate exceed maximum working air pressure at 90 psi (6.2 bar) as recommended.
 - 1.2. AIR LINE
Use a fitting air hose for connection between the compressor & tools. The compressed air is cooled and its water content would be sorted when the air blow out from the compressor. Part of the water could be compressed in the pipe and could permeate into the tool's mechanism to cause mechanical failures. It would be strongly recommended to install an air filter, moisture separator, regulator and lubricator among the air supply and the air tools.
 - 1.3. AIR HOSE
Before connecting the hose to air tools, please clean firstly the hoses with a blowout of compressed air. This will prevent both moisture and dust contented within the hose from entering the tools and causing the possible rust and malfunction.



Art. Nr	OUTPUT SIZE	SPINDLE THREAD	FREE SPEED	OVERALL LENGTH		AIR INLET	AIR HOSE I.D.	AVERAGE AIR CONSUMPTION		NET WEIGHT	
	inch (mm)	inch	rpm	inch	mm	inch	inch	cfm	L/min	lb	kg
PT6616	5/16-24 UNF	3/8-24	2,500	8.9	225	1/4	3/8	4.0	113	2.21	1.00

Sound				Vib.	
Pressure	Power	Pressure	K	M/S ²	K
db(A)	db(A)	db(C)	(DB)		
89	100	105	3	1.06	0.13

Operation Guides



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2. The rated speed of rotary tools shall not be exceeded under the conditions marked on the tools.
3. Shall not to allow fingers to be caught between the moving and fixed parts.
4. The used run of the tools shall be guarded on one side and at the rear.
5. The wheel for rotary stripping tool shall be capable of withstanding free rotational speeds of 120% of the maximum operating speed.
6. The fitting of a suspension device shall not introduce an additional hazard.
7. For multiple hazards, read and understand the safety instructions before installing, operating, repairing, maintaining, changing accessories on, or working near the stripping tool. Failure to do so can result in serious bodily injury.
8. Only qualified and trained operators should install, adjust or use the stripping tool.
9. Do not modify this stripping tool. Modifications can reduce the effectiveness of safety measures and increase the risks to the operator.
10. Do not discard the safety instructions; give them to the operator.
11. Do not use a stripping tool if the tool has been damaged.
12. Tools shall be inspected periodically to verify that the ratings and markings required are legibly marked on the tool. The employer/user shall contact the manufacturer to obtain replacement marking labels when necessary.
13. Be aware that failure of the workpiece or accessories, itself can generate high-velocity projectiles.
14. Always wear impact-resistant eye protection during operation of the stripping tool.
15. For overhead work, wear a safety helmet.
16. Ensure that the workpiece is securely fixed.
17. Choking, scalping and/or lacerations can occur if loose clothing, personal jewellery, neck wear, hair or gloves are not kept away from the tool and its accessories.
18. Use of the tool can expose the operator's hands to hazards, including cuts and abrasions and heat. Wear suitable gloves to protect hands.
19. Operators and maintenance personnel shall be physically able to handle the bulk, weight and power of the tool.
20. Hold the tool correctly; be ready to counteract normal or sudden movements and have both hands available.
21. Maintain a balanced body position and secure footing.
22. Release the start-and-stop device in the case of an interruption of the energy supply.
23. Use only lubricants recommended by the manufacturer.
24. Personal protective safety glasses shall be used; suitable gloves and protective clothing are recommended.
25. Inspect the remove wheel before each use. Do not use if cracked or broken or if it has been dropped.
26. Avoid direct contact with the moving sanding pad in order to prevent pinching or cutting of hands or other body parts. Wear suitable gloves to protect hands.
27. Never run the tool unless abrasive is applied to the workpiece.
28. Potentially explosive atmospheres can be caused by dust and fumes resulting from stripping tool.
29. Always use dust extraction or suppression systems which are suitable for the material being processed.
30. When using a stripping tool to perform work-related activities, the operator can experience discomfort in the hands, arms, shoulders, neck or other parts of the body.
31. While using a stripping tool, the operator should adopt a comfortable posture whilst maintaining secure footing and avoiding awkward or off-balance postures. The operator should change posture during extended tasks; this can help avoid discomfort and fatigue.
32. If the operator experiences symptoms such as persistent or recurring discomfort, pain, throbbing, aching, tingling, numbness, burning sensations or stiffness, these warning signs should not be ignored. The operator should tell the employer and consult a qualified health professional.
33. Disconnect the stripping tool from the energy supply before fitting or changing the wheel or accessory.
34. Avoid direct contact with the stripping tool during and after use, as it can be hot or sharp.
35. Use only sizes and types of accessories and consumables that are recommended by the manufacturer of stripping tool; do not use other types or sizes of accessories or consumables.
36. Grinding wheels and cutting-off tools shall not be used.
37. Check that the maximum operating speed of the inserted tool (flap wheels, abrasive belts, fibre discs, backing pads, etc.), is higher than the rated speed of the stripping tool.
38. Slips, trips and falls are major causes of workplace injury. Be aware of slippery surfaces caused by use of the tool and also of trip hazards caused by the air line or hydraulic hose.
39. The stripper tool is not intended for use in potentially explosive atmospheres and is not insulated against contact with electric power.
40. Ensure that there are no electrical cables, gas pipes, etc., which can cause a hazard if damaged by use of the tool.

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41. Dust and fumes generated when using stripping tool can cause ill health (for example cancer, birth defects, asthma and/or dermatitis).
42. Operate and maintain the stripping tool as recommended in these instructions, to minimize dust or fume emissions.
43. Direct the exhaust so as to minimize disturbance of dust in a dust-filled environment.
44. Where dust or fumes are created, the priority shall be to control them at the point of emission.
45. Select, maintain and replace the consumable/inserted tool as recommended in the instruction handbook, to prevent an unnecessary increase in dust or fumes.
46. Use respiratory protection in accordance with employer's instructions and as required by occupational health and safety regulations.
47. Exposure to high noise levels can cause permanent, disabling hearing loss and other problems, such as tinnitus (ringing, buzzing, whistling or humming in the ears).
48. Appropriate controls to reduce the risk can include actions such as damping materials to prevent workpieces from "ringing".
49. Use hearing protection in accordance with employer's instructions and as required by occupational health and safety regulations.
50. Operate and maintain the stripping as recommended in the instruction handbook, to prevent an unnecessary increase in the noise level.
51. Select, maintain and replace the consumable/inserted tool as recommended in the instruction handbook, to prevent an unnecessary increase in noise.
52. If the stripping tool has a silencer, always ensure it is in place and in good working order when the tool is being operated.
53. Exposure to vibration can cause disabling damage to the nerves and blood supply of the hands and arms.
54. Wear warm clothing when working in cold conditions and keep your hands warm and dry.
55. If you experience numbness, tingling, pain or whitening of the skin in your fingers or hands, stop using the sander or polisher, tell your employer and consult a physician.
56. Operate and maintain the sander or polisher as recommended in the instruction handbook, to prevent an unnecessary increase in vibration levels.
57. Hold the tool with a light but safe grip, taking account of the required hand reaction forces, because the risk from vibration is generally greater when the grip force is higher.
58. Air under pressure can cause severe injury.
59. Always shut off air supply, drain hose of air pressure and disconnect tool from air supply when not in use, before changing accessories or when making repairs.
60. Never direct air at yourself or anyone else.
61. Whipping hoses can cause severe injury. Always check for damaged or loose hoses and fittings.
62. Whenever universal twist couplings (claw couplings) are used, lock pins shall be installed and whipcheck safety cables shall be used to safeguard against possible hose-to-tool or hose-to-hose connection failure.
63. Do not exceed the maximum air pressure stated on the tool.
64. Never carry an air tool by the hose.
65. Do not exceed the maximum relief-valve setting stated on the tool.
66. Carry out a daily check for damaged or worn hoses or hydraulic connections and replace if necessary.
67. Use only clean oil and filling equipment.
68. Power units require a free flow of air for cooling purposes and should, therefore, be positioned in a well-ventilated area free from hazardous fumes.