

INSTRUCTION MANUAL

< PSHIO PLATE SHEAR >

ADDITIONAL SAFETY RULES

1. Hold the tool firmly your hand.
2. Keep hands away from moving parts.
3. Eye protection must be used or safety glasses worn.



NOISE GENERATION

The noise generated by this machine may pass 85dB(A) during operation. In this case, soundproof device and ear protector should be used to protect operator from the noise. The noise generated by this machine is measured according to IEC Pub123, DIN45634, BS3489.

HOW TO USE

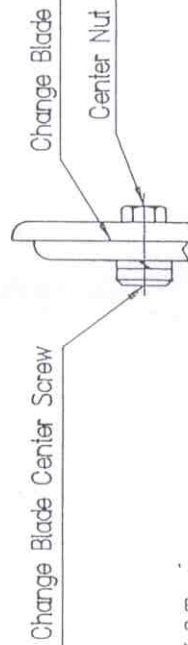
1. Supply air from the air source.
2. Push slightly the lever. (No.5) (Only the upper blade is operated.)
3. Use the air pressure of 0.54±0.04MPa. (78-92psi)
4. Use an oiler.
5. Adjust the air flow by turning the regulator. (No.44)

REPLACEMENT OF CHANGE BLADE

1. Tighten the screw pin nut. (No.34)
2. Remove the screw pin. (No.27)
3. Remove the change blade. (No.50)
4. Replace the change blades with new ones by reversing the procedure shown above. Simultaneously, match the cam outer ring (No.28) to the groove of the change blade (No.50)

For a thin blade (below 0.8mm), tighten completely the change blade center screw and then turn it back by 180°.

For a thick blade (0.8mm or more), turn it back by 270°.



Change Blade Center Screw

Change Blade

Center Nut

PARTS LIST

No.	DESCRIPTION	QTY	No.	DESCRIPTION	QTY	No.	DESCRIPTION	QTY
1	Blade set body	1	19	Front cap bearing	1	36	Cap bolt	2
2	Cam	1	20	Air pin	1	37	Cap bolt	1
3	Gear case	1	21-A	O Ring	1	38	Muffler	1
4-A	Regulator cap	1	22	O Ring	1	39	Ring	1
5	Lever	1	23	Spring	1	40-A	E Ring	2
6-A	Front cap	1	24	Idle gear pin	2	41-A	Hose nipple	2
7-A	Cylinder	1	25	Roll pin	1	42-A	Urethane form	1
8	Rotor A	1	26	Hook	1	43-A	Air hose	1
9-A	Rotor case	1	27	Screw pin	2	44	Regulator	1
10-A	Rear cap	1	28	Cam outer ring	1	45	O Ring	1
11	Air valve	1	29	Washer	1			
12	Rotor collar	1	30	Screw	1			
13	Rotor vane	5	31-A	Hose nipple	1			
14	Internal gear bearing	2	31-B	Hose nipple	1	50	Change blade	1
15	Internal gear	1	32	Change blade holder	2	51	Center bolt for blade	1
16	Idle gear	2	33	Needle bearing	1	52	Center nut for blade	1
17	Gear support	1	34	Screw pin nut	2	53	Spring washer for blade	1
18	Rear cap bearing	1	35	Screw pin washer	2			

