

AIR SANDERS & POLISHERS

USG-45P is a powerful and light-in-weight sanding tool constructed with minimum number of moving parts.

The UP-80 series Polishers offer a choice of two speeds with different gear combinations but with the same air motor of UD-80 series Drills.

**MODEL
UP-80-40**
4,000 r.p.m.

Aluminum Alloy Casing

Dead Handle
(Exhaust Pipe)

Silencer

Sanding Paper(Optional Accessory)

Fiber Backing Pads (73mm and 115mm)

Handle Protector

Throttle Trigger

Spring-loaded self-releasing Thumb Throttle

Grease Plug

5" Plastic Backing Pad

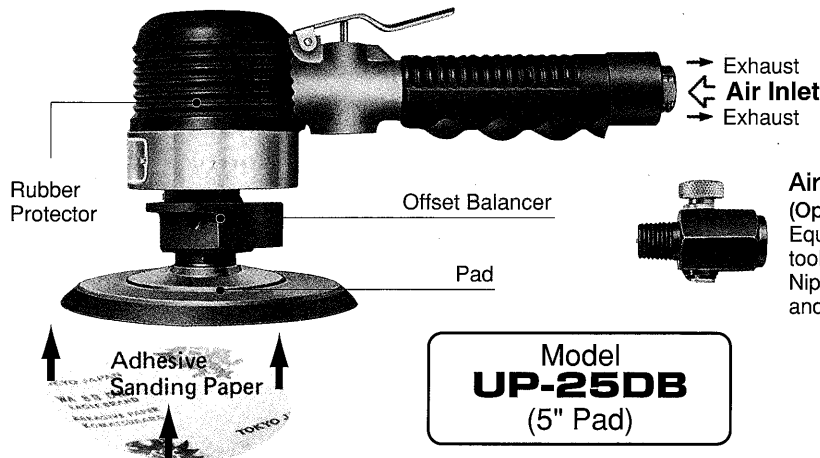
Polishing Pad with Towel Cover (Optional Accessories)

**MODEL
USG-45P**
12,000 r.p.m.

Aluminum Alloy Casing

AIR INLET

Silencer



**Model
UP-25DB**
(5" Pad)

URYU Dual Action Orbital Sanders are ideal for use by automotive repair shops, boat builders, furniture manufacturers and all industrial applications that requires fast, smooth and scratch-free sanding finish. Exceptionally well balanced design offers vibration-free operation minimizing operators' fatigue.

IMPORTANT!!

Strictly follow your local safety regulations on grinders and abrasives.

1. 0.6MPa (85psi) Air pressure is recommended for the most efficient performance. Too high air pressure will cause damage.
2. **Lubrication — For Air Motor**— Supply Turbine Oil properly through Air Inlet or Line Oilier every before and after operation (for examples, MOBIL TURBINE OIL #32, SHELL TURBINE OIL #32 and or equivalents.)
Lubrication — For Gears and Bearings —: Supply high quality grease adequately at least once every three months from the grease plug located on the Gear Box, and when the tool is overhauled Overgeasing will cause dull motion or heating. (Examples of grease : SHELL ALVANIA / NO. 2, MOBILPLEX 2, or equivalents)
3. Use sanding Paper and polishing material of suitable size, good quality and sufficient strength for the tool's speed under each local safety regulations
4. All parts on which sanding and polishing materials fit should always be well maintained
5. Drain daily, and install filter at or near the take-off point to prevent trouble from foreign matter.
6. Use Air Hose (the shorter, the better), Joints and other fittings of good condition and of proper size to avoid pressure drop.
7. Use only URYU's genuine Spare parts for replacement
8. At least once every three months regular or periodical by a competent person overhaul is needed for best performance and trouble-less operation

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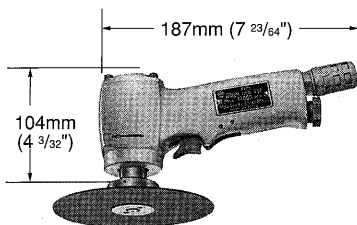


URYU SEISAKU, LTD.
Osaka, Japan

OKA-535-13-02-25-2002

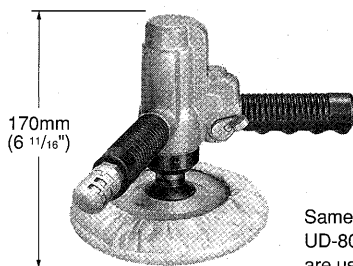
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URYU AIR SANDERS AND POLISHERS



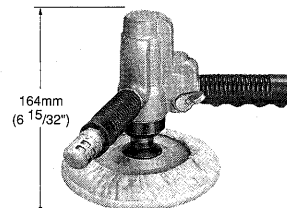
USG-45P
12,000 r.p.m.
3/8"—24 UNF Spindle

UP-80-15 (1,500 r.p.m.) *5/8"—11 Spindle



Same gears of
UD-80-12, Drill
are used.

UP-80-40
(4,000 r.p.m.)
*5/8"—11 Spindle



Standard Accessories : Air Hose Nipple, Fiber Backing Pads (73mm and 115mm), Spanners

Optional Accessories for USG-45P only : 5" Paper Guard Code No. 553-770-7

1/2"-20 Spindle is available at request (option) for UP-80-15, 40.

Standard Accessories: Air Hose Nipple, 5" plastic Backing Pad, Spanners.

※The uncertainty in the sound levels is 3dB(A).

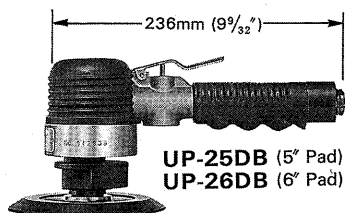
SPECIFICATIONS

Model	Capacity (Sanding Paper)		Free Speed (about)	Weight less sanding and polishing material (about)		Average Air Consumption (about)		Sound Pressure Level (L _{PA})	Sound Power Level (L _{WA})	Vibration Total Value (A _{hd})	Vibration Uncertainty (K)
	in	mm		lb	kg	ft ³ /min.	m ³ /min.				
USG 45P	5"	125	12,000	1.91	0.87	20.0	0.55	81	92	<2.5	0.6
UP-80-15	6 3/8	160	1,500	3.96	1.8	28	0.8	82	93	<2.5	0.6
UP-80-40	6 3/8	160	4,000	3.96	1.8	28	0.8	84	95	<2.5	0.6

Standard Accessories : Air Hose Nipple, Tools for setting Balancer.

Air Inlet Thread (Pipe Tap) : N.P.T.1/4 **Air Hose Size :** 9.5mm (3/8") **Air Pressure :** 0.6MPa (85psi)

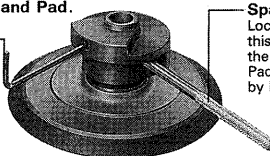
DUAL ACTION ORBITAL SANDERS



UP-25DB (5" Pad)
UP-26DB (6" Pad)

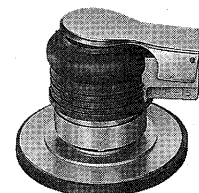
**Setting and removing
Balancer and Pad.**

Allen Wrench
Set the Balancer to the
Spindle and lock them
together by the screw
put in the groove
on the Spindle.
(Be sure to use screw
lockite for firm setting.)



Spanner
Lock the Balancer by
this spanner through
the hole and turn the
Pad to fasten or loosen
by hand.

PALM-GRIP TYPE



Model UP-15

※The uncertainty in the sound levels is 3dB(A).

SPECIFICATIONS

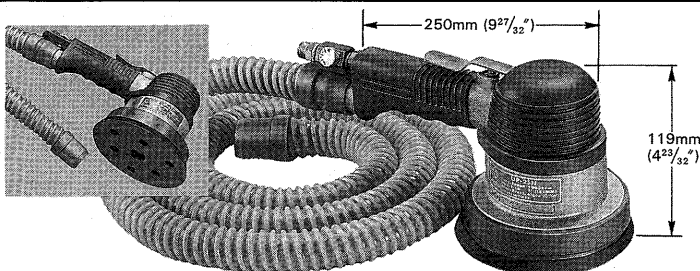
Model	Pad Diameter		Free Speed (about)	Overall Height (about)		Weight (about)		Average Air Consumption (about)		Sound Pressure Level (L _{PA})	Sound Power Level (L _{WA})	Vibration Total Value (A _{hd})	Vibration Uncertainty (K)
	mm	in		mm	in	kg	lb	m ³ /min.	ft ³ /min.				
UP-25DB	125	5	9,000	120	4 3/4	1.70	3.74	0.20	7.0	73	—	5.5	0.9
UP-26DB	150	6	8,000	120	4 3/4	1.78	3.92	0.20	7.0	74	—	5.8	0.9
UP-15	125	5	8,000	-	-	1.20	2.64	0.45	16.0	87	98	5.8	0.9

Standard Accessories : Air Hose Nipple, Tools for setting Balancer.

Air Inlet Thread (Pipe Tap) : N.P.T.1/4 **Air Hose Size :** UP-25DB&UP-26DB—6.4mm (1/4"), UP-15—6.35mm (1/4")

SELF-SUCTION TYPE with holded pads

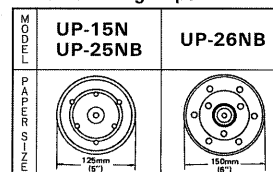
(No Powered vacuum cleaner is needed)



UP-25NB (5" Pad)
UP-26NB (6" Pad)

Sanded residue is sucked directly through the holes of
the pads and corresponding holed sanding papers.

Holed Sanding Paper



SPECIFICATIONS

※The uncertainty in the sound levels is 3dB(A).

Model	Pad Size		Free Speed (about)	Weight (about)		Average Air Consumption (about)		Sound Pressure Level (L _{PA})	Sound Power Level (L _{WA})	Vibration Total Value (A _{hd})	Vibration Uncertainty (K)
	mm	in		kg	lb	m ³ /min.	ft ³ /min.				
UP-15N	125	5	9,000	1.50	3.30	0.45	16.0	94	105	6.4	1.0
UP-25NB	125	5	9,000	1.77	3.90	0.60	21.2	97	108	5.9	0.9
UP-26NB	150	6	9,000	1.95	4.30	0.60	21.2	98	109	6	1.0

Standard Accessories : Air Hose Nipple, Tools for disassembly.

Air Inlet Thread (Pipe Tap) : N.P.T.1/4 **Air Hose Size :** UP-15N—6.35mm (1/4"), UP-25NB & UP-26NB—9.5mm (3/8")