

# ABRASIVE TOOLS

GRINDERS

SANDERS



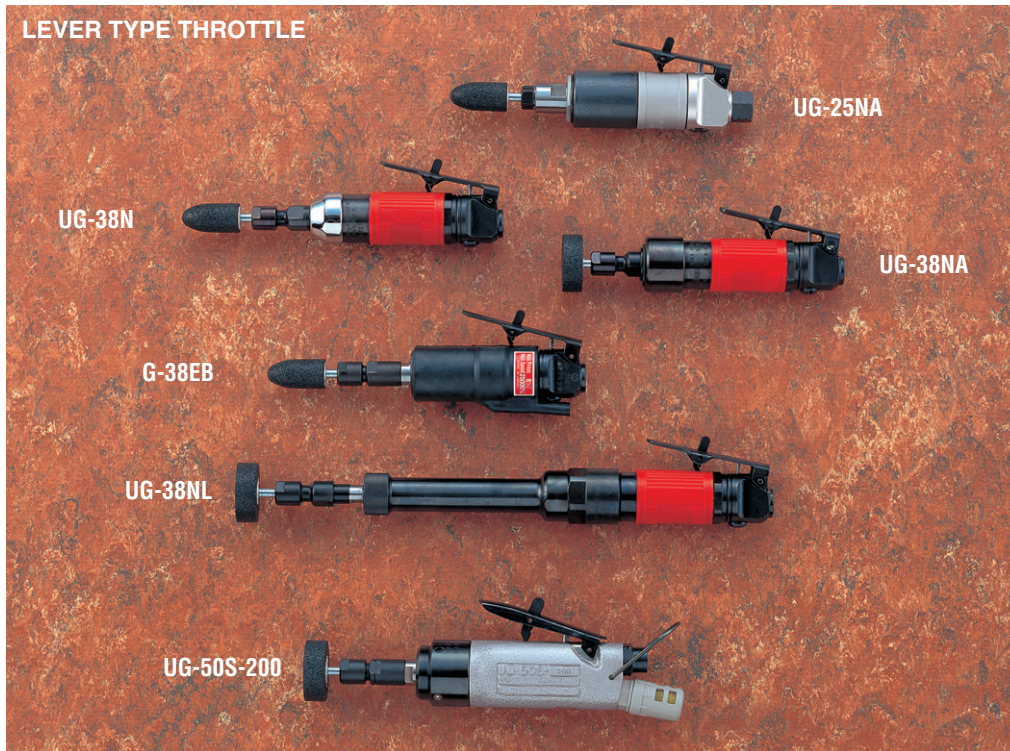
PHOTO ; MODEL NO.USG-4SU 1981  
STILL USED AT USERS



\* Sound Level measured to ISO 15744  
\* Vibration Level measured to ISO 8662

# DIE GRINDERS

URYU Die Grinders, ruggedly designed for mounted wheels and carbide burrs, are ideal for rapid metal removal or precise finishing such as weld cleaning, deburring, die contouring and repair, blending and smoothing.



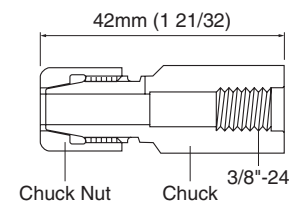
### Self-Locking Lever attachment

To prevent accidental start of motor.



### COLLET CHUCKS

G-38EB & UG-50S-200



- 923-534-0 3mm
- 923-535-0 6mm
- 923-539-0 1/8"
- 923-536-0 1/4"

## SPECIFICATIONS

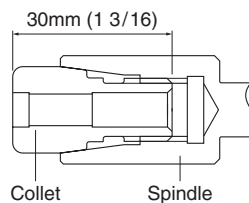
Recommended Air Pressure : 0.6MPa (85psi)

Model	Collet Chuck Size		Max.Free Speed (about)	Rated Horse Power	Overall Length (about)		Weight less wheel (about)		Air Inlet Thread (Pipe Tap)	Air Hose Size		Average Air Consumption		Noise Level	Vibration Level
	mm	in	r.p.m.	w	mm	in	kg	lb	in	mm	in	m <sup>3</sup> /min	ft <sup>3</sup> /min	dB(A)	m/sec <sup>2</sup>
UG-25NA	6	1/4	25000	210	153	6 1/32	0.53	1.17	N.P.T.1/4	9.5	3/8	0.3	10.7	82	1.3
G-38EB	6	1/4	20000	315	165	6 1/2	0.65	1.43	N.P.T.1/4	9.5	3/8	0.4	14.0	85	2.3
UG-38N	6	1/4	25000	315	164	6 15/32	0.57	1.25	N.P.T.1/4	9.5	3/8	0.3	10.7	85	2.3
UG-38NA	6	1/4	20000	315	165	6 1/2	0.65	1.43	N.P.T.1/4	9.5	3/8	0.4	14.0	75	1.0
UG-38NL	6	1/4	25000	315	330	13	0.92	2.02	N.P.T.1/4	9.5	3/8	0.3	10.7	85	2.0
UG-50S-200	6	1/4	20000	195	198	7 51/64	0.60	1.32	N.P.T.1/4	9.5	3/8	0.4	14.0	73	2.3



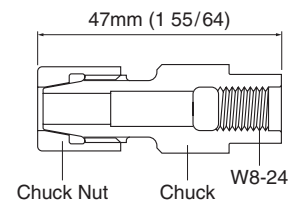
### COLLET CHUCKS

UG-25N & UG-50S-200A



- 923-001-0 3mm
- 923-003-0 6mm
- 923-005-0 1/8"
- 923-006-0 1/4"

UG-38N Series



- 923-510-0 3mm
- 923-512-0 6mm
- 923-515-0 1/8"
- 923-516-0 1/4"

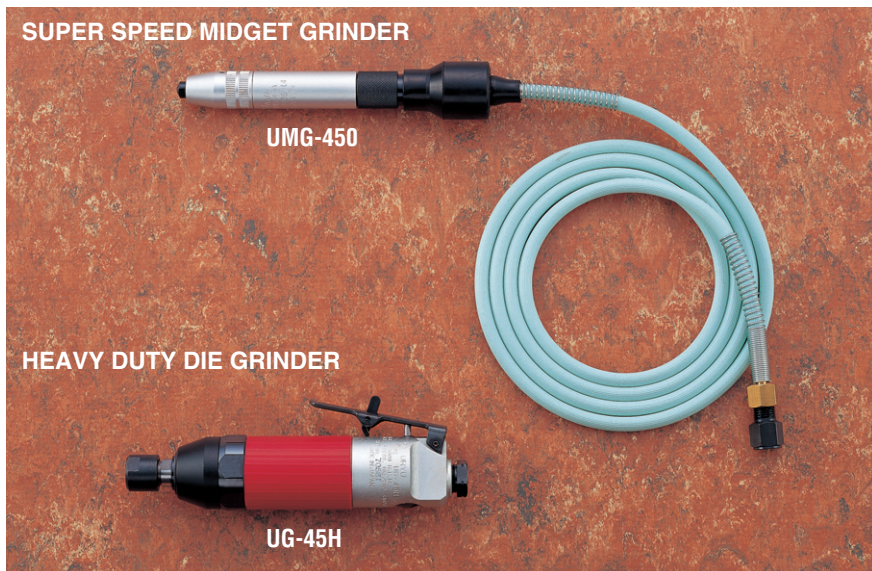
## SPECIFICATIONS

Recommended Air Pressure : 0.6MPa (85psi)

Model	Collet Chuck Size		Max.Free Speed (about)	Rated Horse Power	Overall Length (about)		Weight less wheel (about)		Air Inlet Thread (Pipe Tap)	Air Hose Size		Average Air Consumption		Noise Level	Vibration Level
	mm	in	r.p.m.	w	mm	in	kg	lb	in	mm	in	m <sup>3</sup> /min	ft <sup>3</sup> /min	dB(A)	m/sec <sup>2</sup>
UG-25NSA	6	1/4	25000	210	145	5 23/32	0.56	1.23	N.P.T.1/4	9.5	3/8	0.3	10.7	82	1.3
UG-38NS	6	1/4	25000	315	168	6 5/8	0.60	1.32	N.P.T.1/4	9.5	3/8	0.3	10.7	85	2.3
UG-38NSA	6	1/4	22000	315	174	6 54/64	0.65	1.43	N.P.T.1/4	9.5	3/8	0.3	10.7	75	1.0
UG-38NSL	6	1/4	25000	315	340	13 25/64	0.95	2.09	N.P.T.1/4	9.5	3/8	0.3	10.7	85	2.3

# DIE GRINDERS & MIDGET GRINDER

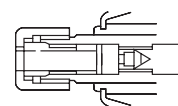
**UMG-450**, muffled by a rubber silencer to minimize sound level for operator's comfort, is a super speed model for precise grinding and polishing for die making.



Fasten the collet chuck firmly to avoid loosening of the cutting tool.

### COLLET CHUCKS

UG-45H



- 923-170-0 6mm
- 923-171-0 1/4"
- 923-172-0 8mm

### SPECIFICATIONS

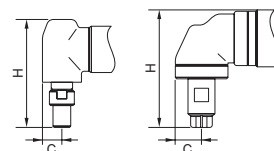
Recommended Air Pressure: 0.6MPa (85psi)

Model	Collet Chuck Size		Max.Free Speed (about)	Rated Horse Power	Overall Length (about)		Weight less wheel (about)		Air Inlet Thread (Pipe Tap)	Air Hose Size		Average Air Consumption		Noise Level	Vibration Level
	mm	in			r.p.m.	w	mm	in		kg	lb	in	mm		
UMG-450	3	1/8	45000	37	145	5 45/64	0.19	0.42	N.P.T.1/4	4.8	3/16	0.2	7.0	75	1.0
UG-45H	6	1/4	18000	375	196	7 23/62	0.80	1.76	N.P.T.1/4	9.5	3/8	0.6	22.0	76	2.3

ABRASIVE TOOLS

# MINI ANGLE GRINDERS

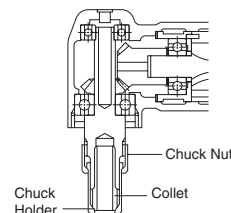
**UG-20A series** are specially designed for applications of hard-to-reach areas.



Model	C(about)	H(about)
UG-20A-200	14.5mm	80.0mm
UG-20A-120	14.5mm	80.0mm
UG-50S-200A	19.5mm	87.0mm

### ERICKSON Type COLLET CHUCKS

- UG-20A Series 923-207-0 6mm
- 923-201-0 1/4"



### SPECIFICATIONS

Recommended Air Pressure: 0.6MPa (85psi)

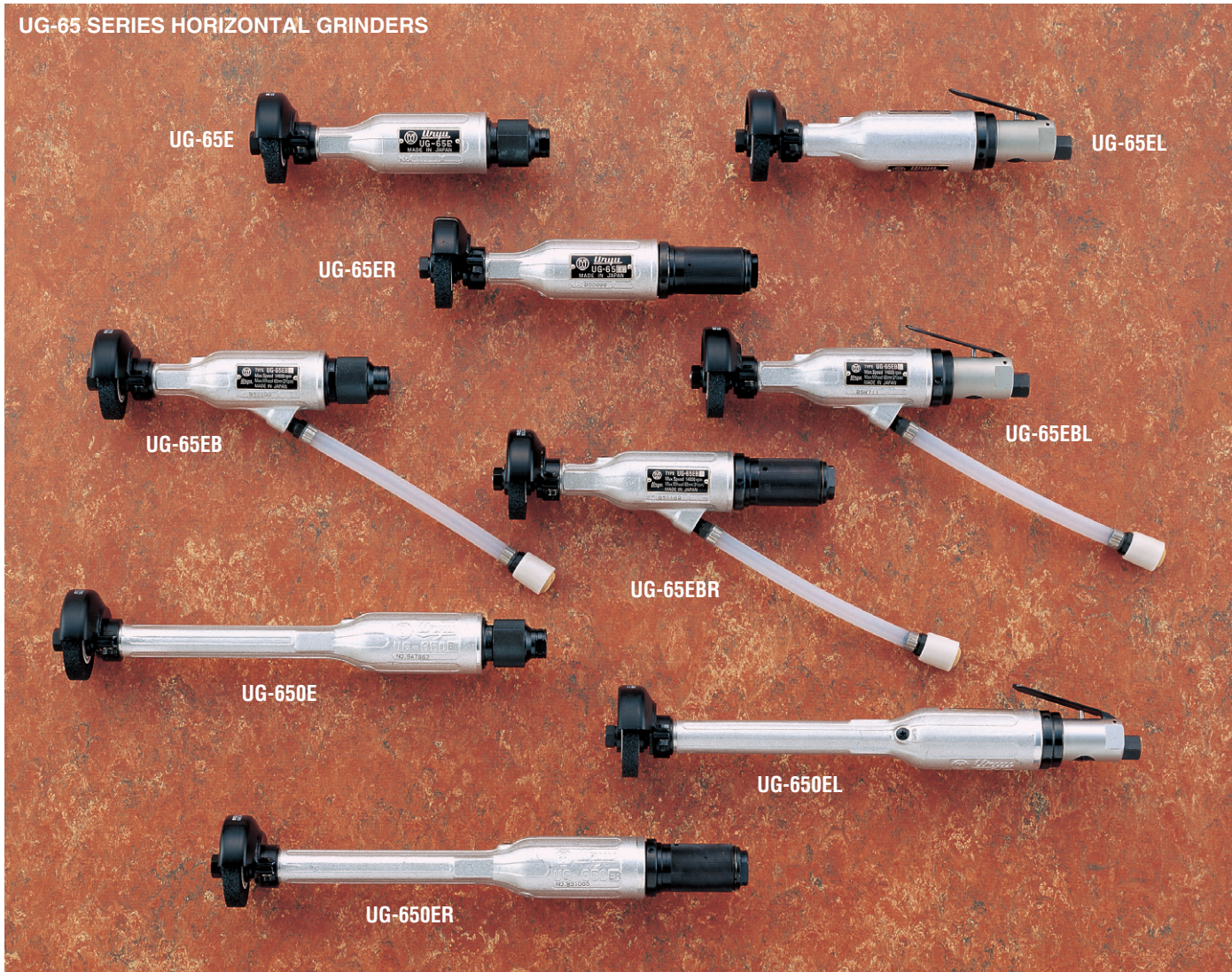
Model	Collet Chuck Size		Max.Free Speed (about)	Rated Horse Power	Overall Length (about)		Weight less wheel (about)		Air Inlet Thread (Pipe Tap)	Air Hose Size		Average Air Consumption		Noise Level	Vibration Level
	mm	in			r.p.m.	w	mm	in		kg	lb	in	mm		
UG-20A-200	6	1/4	20000	113	131	5 3/16	0.50	1.10	N.P.T.1/4	9.5	3/8	0.3	10.7	75	1.0
UG-20A-120	6	1/4	12000	113	131	5 3/16	0.50	1.10	N.P.T.1/4	9.5	3/8	0.3	10.7	76	2.3
UG-50S-200A	6	1/4	20000	195	195	7 45/64	0.90	1.98	N.P.T.1/4	9.5	3/8	0.4	14.0	75	2.3

# HORIZONTAL GRINDERS

## LIGHT TYPE UG-65 SERIES (NON-GOVERNED)

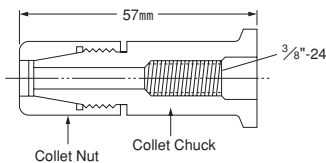
Available in 9 models with three different throttle handles, these lightweight and compact grinders are generally used in all metal working industries for every grinding and polishing job.

### UG-65 SERIES HORIZONTAL GRINDERS



Collet chucks of 6mm and 1/4" capacity are available as optional accessories for mandrel mounted abrasives, cutters and files.

	6mm	1/4"
UNF3/8-24	923-530-0	923-532-0
W3/8-16	923-523-0	923-526-0



## SPECIFICATIONS

Recommended Air Pressure: 0.6MPa (85psi)

Type	Model	Throttle Handle	Capacity (Wheel Size)		Max.Free Speed (about)	Rated Horse Power	Overall Length (about)		Weight less wheel (about)		Air Inlet Thread (Pipe Tap)	Air Hose Size		Average Air Consumption		Noise Level	Vibration Level
			mm	in			r.p.m.	w	mm	in		kg	lb	in	mm		
Standard	UG-65E	Sleeve	63.5	2 1/2	14600	412	242	9 27/32	1.25	2.75	N.P.T.1/4	9.5	3/8	0.6	22	88	1.8
	UG-65ER	Self-closing	63.5	2 1/2	14600	412	271	10 43/64	1.50	3.30	N.P.T.1/4	9.5	3/8	0.6	22	85	1.8
	UG-65EL	Lever	63.5	2 1/2	14600	412	272	10 23/32	1.40	3.08	N.P.T.1/4	9.5	3/8	0.6	22	85	1.8
Rear Exhaust	UG-65EB	Sleeve	63.5	2 1/2	*14600	412	242	9 27/32	1.25	2.75	N.P.T.1/4	9.5	3/8	0.6	22	95	1.8
	UG-65EBR	Self-closing	63.5	2 1/2	*14600	412	271	10 43/64	1.50	3.30	N.P.T.1/4	9.5	3/8	0.6	22	95	1.8
	UG-65EBL	Lever	63.5	2 1/2	*14600	412	272	10 23/32	1.40	3.08	N.P.T.1/4	9.5	3/8	0.6	22	95	1.8
Extended	UG-650E	Sleeve	63.5	2 1/2	14600	412	390	15 23/64	1.72	3.78	N.P.T.1/4	9.5	3/8	0.6	22	85	1.8
	UG-650ER	Self-closing	63.5	2 1/2	14600	412	419	16 1/2	1.97	4.33	N.P.T.1/4	9.5	3/8	0.6	22	85	1.8
	UG-650EL	Lever	63.5	2 1/2	14600	412	420	16 17/32	1.55	3.41	N.P.T.1/4	9.5	3/8	0.6	22	85	1.8

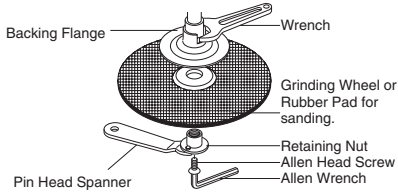
\* Speed without silencer

# ANGLE GRINDERS

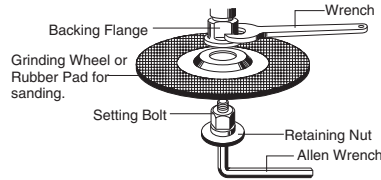
These handy angle grinders are ideally suited for close-quarter work with less operator fatigue.

The governed models are recommended for heavy-duty production grinding. Two (2) different types of wheel retainers are available for customers' choice or practice.

"OUT" type :  
3/8"-24 Spindle with large FLANGE

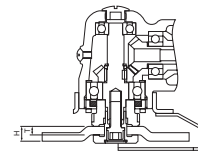


"IN" type :  
URYU special Spindle with small FLANGE



WHEEL SIZE

Model Name	Thickness	Height
AG-50 Series	3-5mm	9mm
AG-100 Series	4-6mm	10mm
USG-4S	4-6mm	10mm
USG-7S	6-8mm	13mm
USG-L180D	6-8mm	13mm



## ANGLE GRINDERS



ABRASIVE TOOLS

## SPECIFICATIONS

Recommended Air Pressure: 0.6MPa (85psi)

Model	Capacity (Wheel size)		Max.Free Speed (about)	Rated Horse Power	Overall Length (about)		Overall Height (about)		Weight less wheel (about)		Type of Spindle	Air Inlet Thread (Pipe Tap)	Air Hose Size		Average Air Consumption		Noise Level	Vibration Level
	mm	in			r.p.m.	w	mm	in	mm	in			kg	lb	in	mm		
AG-50(OUT)	50	2	15000	337	147	5 25/32	54	2 1/2	0.63	1.40	OUT	N.P.T.1/4	9.5	3/8	0.45	16.0	80	2.0
AG-50L(OUT)	50	2	15000	337	140	5 34/64	54	2 1/2	0.63	1.40	OUT	N.P.T.1/4	9.5	3/8	0.45	16.0	80	2.0
AG-100(IN)	100	4	13500	315	175	6 57/64	68	2 43/64	0.95	2.10	IN	N.P.T.1/4	9.5	3/8	0.50	18.0	80	2.3
AG-100L(IN)	100	4	13500	315	179	7 3/64	68	2 43/64	1.05	2.30	IN	N.P.T.1/4	9.5	3/8	0.50	18.0	80	2.3
AG-100(OUT)	100	4	13500	315	175	6 57/64	68	2 43/64	0.95	2.10	OUT	N.P.T.1/4	9.5	3/8	0.50	18.0	80	2.3
AG-100L(OUT)	100	4	13500	315	179	7 3/64	68	2 43/64	1.05	2.30	OUT	N.P.T.1/4	9.5	3/8	0.50	18.0	80	2.3
AG-100S(IN)	100	4	13500	315	175	6 57/64	68	2 43/64	1.00	2.20	IN	N.P.T.1/4	9.5	3/8	0.50	18.0	80	2.3
AG-100SL(IN)	100	4	13500	315	179	7 3/64	68	2 43/64	1.10	2.40	IN	N.P.T.1/4	9.5	3/8	0.50	18.0	80	2.3
AG-100S(OUT)	100	4	13500	315	179	6 57/64	68	2 43/64	1.00	2.20	OUT	N.P.T.1/4	9.5	3/8	0.50	18.0	80	2.3
AG-100SL(OUT)	100	4	13500	315	179	7 3/64	68	2 43/64	1.10	2.40	OUT	N.P.T.1/4	9.5	3/8	0.50	18.0	80	2.3
USG-4S	100	4	13500	450	232	9 9/64	94	3 45/64	1.65	3.60	IN	N.P.T.1/4	9.5	3/8	0.60	22.0	80	2.3
USG-7S	180	7	7600	962	296	11 21/32	120	4 47/54	3.00	6.60	IN	N.P.T.3/8	12.7	1/2	1.30	46.0	85	2.5
USG-L180D	180	7	7600	888	267	9 1/2	92	3 5/8	2.70	5.90	IN	N.P.T.3/8	12.7	1/2	1.00	36.0	85	2.5

# VERTICAL GRINDERS

## 100mm(4") & 125mm(5") Type

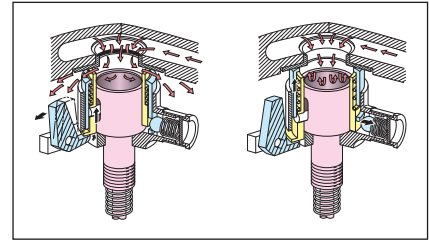
USG series \* These gear-less vertical grinders of simple non-governed design offer powerful and trouble free operation.

## 150mm(6") ~ 230mm(9") Type

VG series \* VG grinder can be converted into another type of VG by changing wheel guard and spring tension of speed governor.

\* Simple design with one-piece housing.

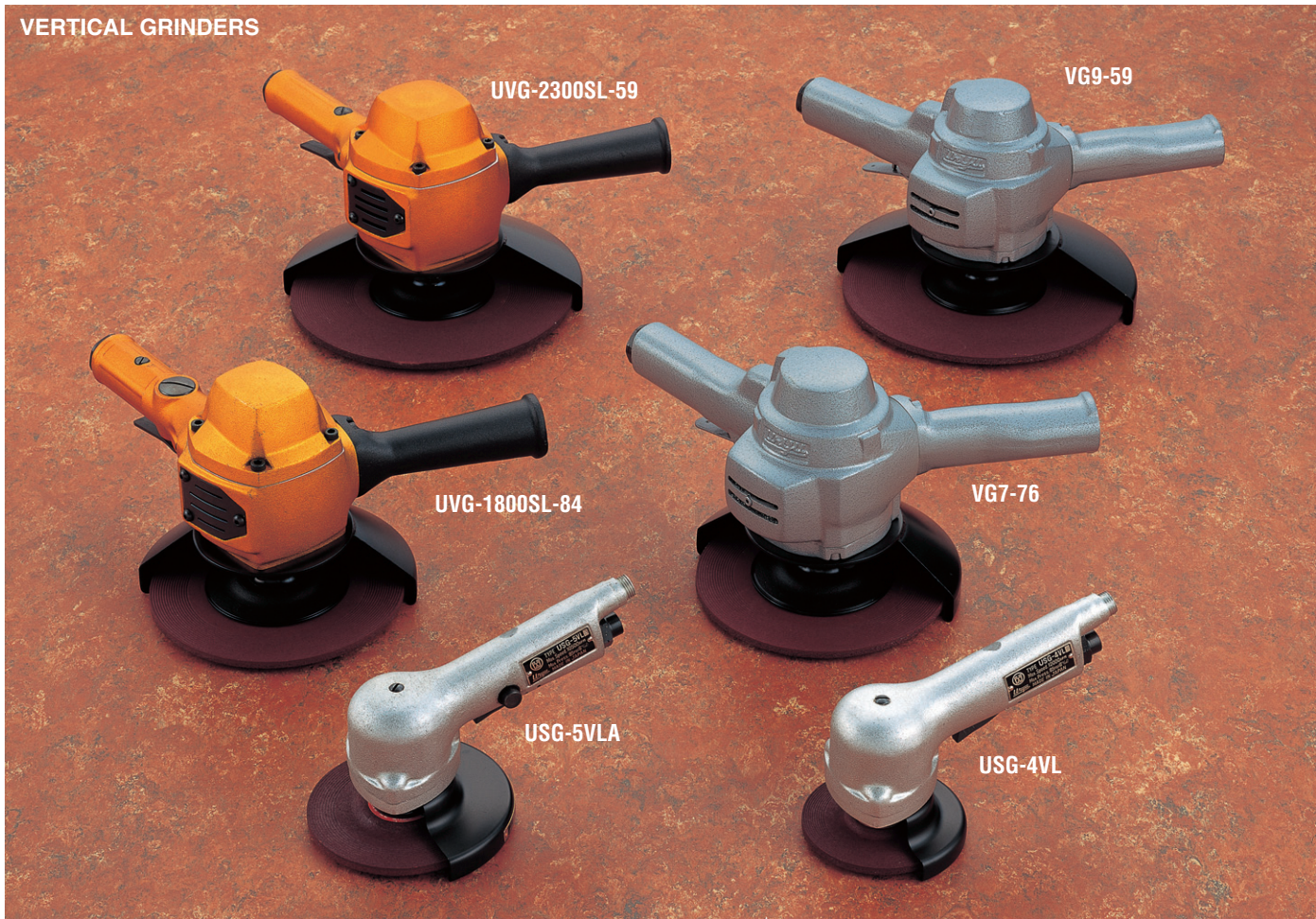
UVG series \* Non-friction speed control governor incorporated with over-speed sensing device. This special governor contributes to power compensation also especially when grinding resistance gets strong causing slow speed.  
\* Three different speeds are available for UVG-1800.  
\* UVG-2300 series is equipped with Dual and Consecutive action Speed Piston Valve for smooth valve opening.



### UVG SERIES

NON-FRICTION SPEED CONTROL GOVERNOR incorporated in OVERSPEED SENSING DEVICE (Patente P.)

## VERTICAL GRINDERS



## SPECIFICATIONS

Recommended Air Pressure: 0.6MPa (85psi)

Model	Capacity (Wheel size)		Max.Free Speed (about)	Rated Horse Power	Overall Length (about)		Overall Height (about)		Weight less wheel (about)		Type of Spindle	Air Inlet Thread (Pipe Tap)	Air Hose Size		Average Air Consumption		Noise Level	Vibration Level
	mm	in			r.p.m.	w	mm	in	mm	in			kg	lb	mm	in		
USG-4VL	100	4	12000	435	220	8 21/32	97	3 13/16	1.40	3.09	IN	N.P.T.1/4	9.5	3/8	0.85	30.0	88	2.0
USG-5VLA	125	5	10500	375	220	8 21/32	97	3 13/16	1.48	3.26	IN	N.P.T.1/4	9.5	3/8	0.85	30.0	88	2.0
VG6-45	150	6	4500	2250	-	-	196	7 23/32	4.60	10.10	OUT	N.P.T.1/2	19.0	3/4	2.20	77.7	89	1.6
VG6-59	150	6	5900	2250	-	-	196	7 23/32	4.60	10.10	OUT	N.P.T.1/2	19.0	3/4	2.20	77.7	89	1.6
VG7-59	180	7	5900	2250	-	-	179	7 3/64	4.30	9.50	OUT	N.P.T.1/2	19.0	3/4	2.30	81.0	89	1.6
VG7-76	180	7	7600	2250	-	-	179	7 3/64	4.30	9.50	OUT	N.P.T.1/2	19.0	3/4	2.30	81.0	89	1.6
VG9-59	230	9	5900	2250	-	-	179	7 3/64	4.60	10.10	OUT	N.P.T.1/2	19.0	3/4	2.30	81.0	87	1.8
UVG-1500SL-76	180	7	7600	1200	-	-	162	6 3/8	3.30	7.26	OUT	N.P.T.3/8	12.7	1/2	1.40	49.0	78	2.5
UVG-1500SL-84	180	7	8400	1200	-	-	162	6 3/8	3.30	7.26	OUT	N.P.T.3/8	12.7	1/2	1.40	49.0	78	2.5
UVG-1800SL-59	230	9	5900	1575	-	-	175	6 7/8	4.00	8.80	OUT	N.P.T.3/8	12.7	1/2	1.90	67.0	78	2.5
UVG-1800SL-76	180	7	7600	1650	-	-	175	6 7/8	4.00	8.80	OUT	N.P.T.3/8	12.7	1/2	2.00	70.0	78	2.5
UVG-1800SL-84	180	7	8400	1650	-	-	175	6 7/8	4.00	8.80	OUT	N.P.T.3/8	12.7	1/2	2.00	70.0	78	2.5
UVG-2300SL-59	230	9	5900	2550	-	-	182	7 5/32	4.80	10.56	OUT	N.P.T.1/2	19.0	3/4	2.50	80.0	82	2.5

# ANGLE GRINDERS

100mm-230mm(4"-9") Wheel Dia.

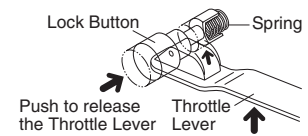
URYU offers UAG-series Angle Grinders of 100mm(4"), 125mm(5"), 180mm(7") and 230mm(9") capacity. These governed lightweight and compact grinders deliver high power to weight ratio and feature :-

- Non-friction Speed Governor for most efficient grinding performance.
- Unique spring-loaded Exhaust Valve for noise-less trouble free operation.
- Vibration absorbent Dead Handle for less Operator fatigue.



### LOCK BUTTON

Push the spring-loaded Lock Button to release the Throttle Lever for operation. When released the Lever is locked automatically.



### ROLL TYPE THROTTLE HANDLE



UAG-○○SB series  
 UAG-○○SC series

### Spring-loaded EXHAUST VALVE

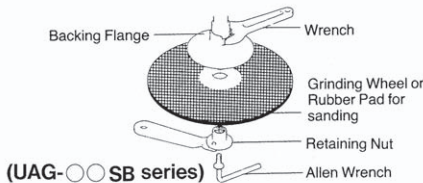
This exhaust hole is kept closed off-operation but is opened upon triggering.

This unique exhaust valve features:

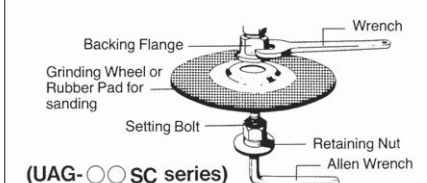
- Cutting exhaust noise especially when air is shut off.
- Preventing foreign matters inhalation into the tool.



### "B" type Spindle with large Flange



### "C" type URYU unique Spindle with small Flange



## SPECIFICATIONS

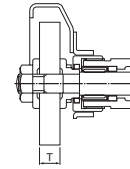
Recommended Air Pressure: 0.6MPa (85psi)

Model	Capacity (Wheel size)		Max.Free Speed (about)	Rated Horse Power	Overall Length (about)		Overall Height (about)		Weight less wheel (about)		Type of Spindle	Air Inlet Thread (Pipe Tap)	Air Hose Size		Average Air Consumption		Noise Level	Vibration Level
	mm	in			r.p.m.	w	mm	in	mm	in			kg	lb	mm	in		
UAG-40SB-136	100	4	13600	712	208	8 3/16	76	3	1.5	3.3	OUT	N.P.T.1/4	9.5	3/8	0.95	34.0	84	3.2
UAG-40SBL-136	100	4	13600	712	246	9 11/16	76	3	1.3	2.9	OUT	N.P.T.1/4	9.5	3/8	0.95	34.0	84	3.2
UAG-40SC-136	100	4	13600	712	208	8 3/16	76	3	1.5	3.3	IN	N.P.T.1/4	9.5	3/8	0.95	34.0	84	3.2
UAG-40SCL-136	100	4	13600	712	246	9 11/16	76	3	1.3	2.9	IN	N.P.T.1/4	9.5	3/8	0.95	34.0	84	3.2
UAG-50SBL-120	125	5	12000	712	246	9 11/16	76	3	1.4	3.1	OUT	N.P.T.1/4	9.5	3/8	0.95	34.0	82	3.2
UAG-50SCL-120	125	5	12000	712	246	9 11/16	76	3	1.4	3.1	IN	N.P.T.1/4	9.5	3/8	0.95	34.0	82	3.2
UAG-50SB-120	125	5	12000	712	246	9 11/16	76	3	1.6	3.5	OUT	N.P.T.1/4	9.5	3/8	0.95	34.0	82	3.2
UAG-50SC-120	125	5	12000	712	246	9 11/16	76	3	1.6	3.5	IN	N.P.T.1/4	9.5	3/8	0.95	34.0	82	3.2
UAG-50SB-109	125	5	10900	712	246	9 11/16	76	3	1.6	3.5	OUT	N.P.T.1/4	9.5	3/8	0.95	34.0	82	3.2
UAG-50SBL-109	125	5	10900	712	246	9 11/16	76	3	1.4	3.1	OUT	N.P.T.1/4	9.5	3/8	0.95	34.0	82	3.2
UAG-70SBL-76	180	7	7600	1500	300	11 13/16	98	3 55/64	2.9	6.4	OUT	N.P.T.3/8	12.7	1/2	1.60	57.0	83	5.6
UAG-70SB-76	180	7	7600	1500	253	10	87	3 27/64	3.0	6.6	OUT	N.P.T.3/8	12.7	1/2	1.60	57.0	83	5.6
UAG-70SC-76	180	7	7600	1500	253	10	87	3 27/64	3.0	6.6	IN	N.P.T.3/8	12.7	1/2	1.60	57.0	83	5.6
UAG-70SCL-76	180	7	7600	1500	300	11 13/16	87	3 27/64	2.8	6.2	IN	N.P.T.3/8	12.7	1/2	1.60	57.0	83	5.6
UAG-90SBL-59	230	9	5900	1875	308	12 1/8	98	3 55/64	3.3	7.3	OUT	N.P.T.3/8	12.7	1/2	1.90	67.0	88	7.4

# HORIZONTAL GRINDERS

Heavy-Duty Type (Governed)

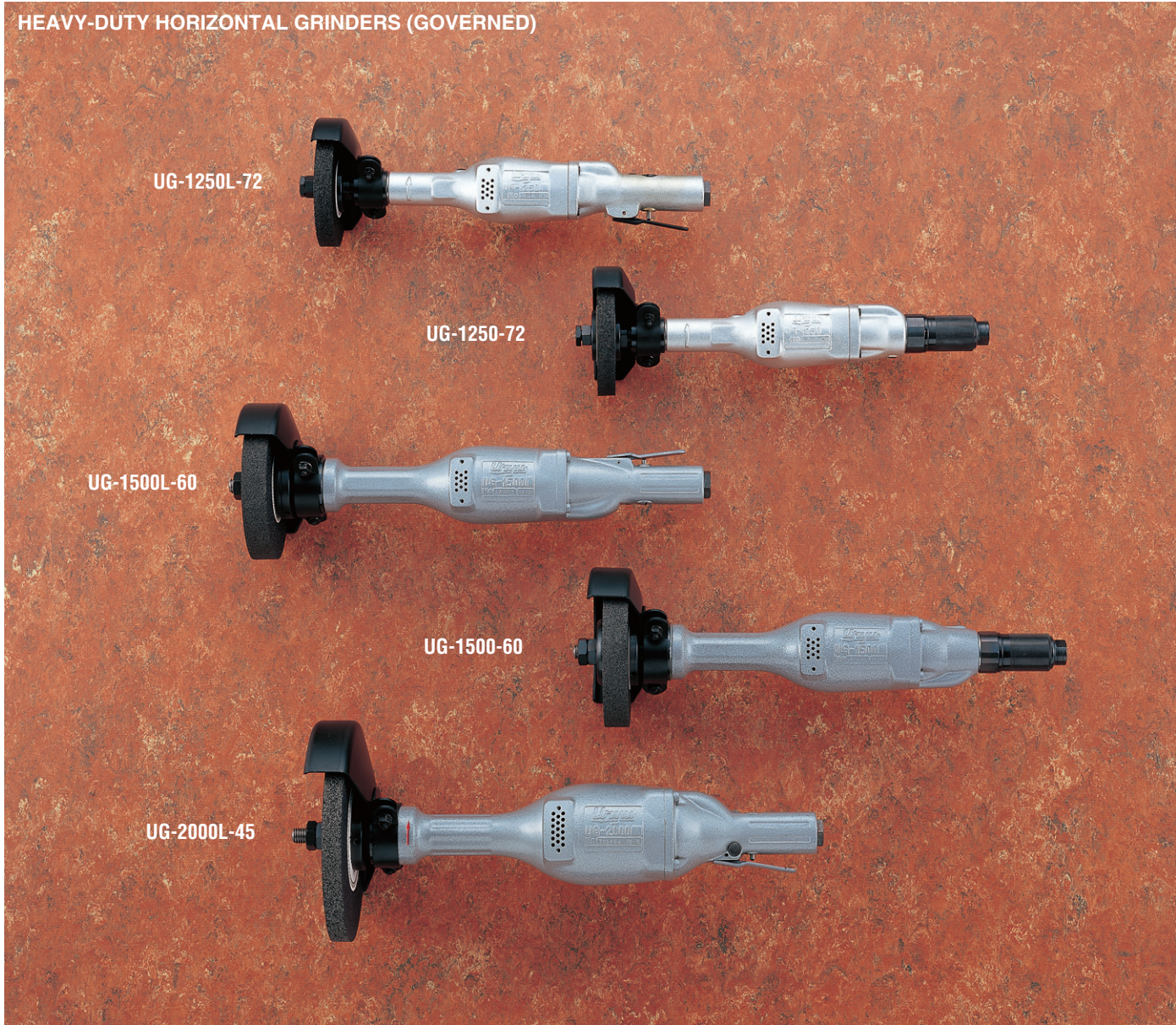
- Two speeds are available for UG-1500 and UG-2000 series.  
(Higher speed for resinoid wheels and lower speed for vitrified wheels)
- Two different Throttle Handles are available for every model.
- Lever and Roll type Throttle Handles are recommended for safer operation.



**WHEEL SIZE**

Model Name	Thickness
UG-1200 Series	13-19mm
UG-1500 Series	13-25mm
UG-2000 Series	19-25mm

**HEAVY-DUTY HORIZONTAL GRINDERS (GOVERNED)**



ABRASIVE TOOLS

**SPECIFICATIONS**

Recommended Air Pressure: 0.6MPa (85psi)

Model	Capacity (Wheel Size)		Max.Free Speed (about) r.p.m.	Rated Horse Power w	Overall Length (about)		Weight less wheel (about)		Spindle Size in-thr'd	Air Inlet Thread (Pipe Tap) in	Air Hose Size		Average Air Consumption		Noise Level dB(A)	Vibration Level m/sec <sup>2</sup>
	mm	in			mm	in	kg	lb			mm	in	m <sup>3</sup> /min	ft <sup>3</sup> /min		
UG-1250-72	125	5	7200	750	436	17 11/64	3.20	7.04	1/2-13	N.P.T.3/8	12.7	1/2	0.90	32.7	88	1.8
UG-1250L-72	125	5	7200	750	436	17 11/64	2.80	6.16	1/2-13	N.P.T.3/8	12.7	1/2	0.90	32.7	88	1.8
UG-1500-60	150	6	6000	1320	497	19 9/16	4.88	10.74	5/8-11	N.P.T.3/8	12.7	1/2	1.30	45.9	88	2.5
UG-1500L-41	150	6	4100	975	497	19 9/16	4.88	10.74	5/8-11	N.P.T.3/8	12.7	1/2	1.30	45.9	88	2.5
UG-1500L-60	150	6	6000	1320	495	19 31/64	4.62	10.16	5/8-11	N.P.T.3/8	12.7	1/2	1.30	45.9	88	2.5
UG-1500L-41	150	6	4100	975	495	19 31/64	4.62	10.16	5/8-11	N.P.T.3/8	12.7	1/2	1.30	45.9	88	2.5
UG-2000L-45	200	8	4500	1500	520	20 15/32	5.30	10.16	5/8-11	N.P.T.3/8	12.7	1/2	1.55	54.7	90	2.5
UG-2000L-31	200	8	3100	1260	520	20 15/32	5.30	11.62	5/8-11	N.P.T.3/8	12.7	1/2	1.55	54.7	90	2.5

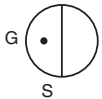
\* Do not use vitrified wheels with higher speed type of each model.



## ABRASIVE TOOLS

# SANDERS, POLISHERS & ORBITAL SANDERS

AG-180W



Standard type  
Self-suction type

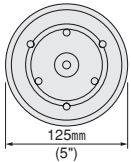
\* Two different speeds available: 4,500rpm for sanding and polishing and 7,000rpm for grinding. AG-180W comes with sanding/polishing speed setting 4,500rpm with relevant accessories as standard. AG-180W can be converted into grinder model by changing speed regulator to G position and mounting wheel guard.

\* Well-balanced orbital action achieves smooth scratch-free finish on any type of material.

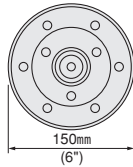
\* As well as being the same well-balanced orbital action, following UP-15N, UP-25NB and UP-26NB have built-in type direct sanded-residue suction device. Sanded residue is sucked directly through the holes of the pads and corresponding holed sanding papers, keeping working environment clean.

\* No additional dust cover system enables operators to watch the edge of paper directly, giving comfort and efficient operation.

UP-15N/25NB PAD



UP-26NB PAD



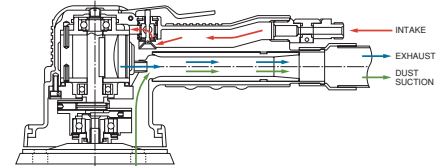
HOLED PAD



Dust collection bag  
For UP-15N, 25NB&26NB



Cut view of UP-25NB



## SANDERS / POLISHERS



ABRASIVE TOOLS

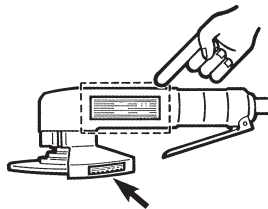
## SPECIFICATIONS

Recommended Air Pressure: 0.6MPa (85psi)

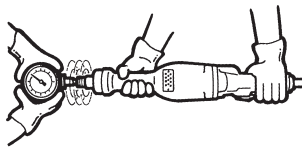
Model	Capacity (Wheel size)		Max.Free Speed (about)	Rated Horse Power	Overall Length (about)		Overall Height (about)		Weight less wheel (about)		Spindle Size	Air Inlet Thread (Pipe Tap)		Air Hose Size		Average Air Consumption		Noise Level	Vibration Level
	mm	in			r.p.m.	mm	in	mm	in	kg		lb	in	in	mm	in	m <sup>3</sup> /min		
USG-45P	125	5	12000	225	187	7 23/64	104	4 3/32	0.87	1.91	3/8-24	N.P.T.1/4	9.5	3/8	0.55	20.0	81	2.1	
AG-180W	180	7	7000	690	315	12 13/32	111	4 3/8	2.80	6.16	5/8-11	N.P.T.1/4	9.5	3/8	0.90	32.0	86	2.5	
UP-80-15	180	7	1500	337	-	-	170	6 11/16	1.80	3.96	5/8-11	N.P.T.1/4	9.5	3/8	0.80	28.0	82	1.0	
UP-80-40	180	7	4000	337	-	-	164	6 15/32	1.80	3.96	5/8-11	N.P.T.1/4	9.5	3/8	0.80	28.0	84	1.0	
UP-80-60	160	6 3/8	6000	337	-	-	170	6 7/8	1.80	3.96	5/8-11	N.P.T.1/4	9.5	3/8	0.80	28.0	85	1.0	
UP-15	125	5	8000	210	112	4 13/32	93	3 21/32	1.20	2.64	-	N.P.T.1/4	6.35	1/4	0.45	16.0	87	7.0	
UP-25DB	125	5	9000	262	212	8 11/32	120	4 3/4	1.70	3.74	-	N.P.T.1/4	6.35	1/4	0.20	7.0	73	5.6	
UP-26DB	150	6	8000	225	212	8 11/32	120	4 3/4	1.78	3.92	-	N.P.T.1/4	6.35	1/4	0.20	7.0	74	5.6	
UP-15N	125	5	9000	225	175	6 57/64	103	4 1/16	1.50	3.30	-	N.P.T.1/4	6.35	1/4	0.45	16.0	94	7.0	
UP-25NB	125	5	9000	300	250	9 23/64	119	4 23/32	1.77	3.90	-	N.P.T.1/4	9.5	3/8	0.60	21.0	97	5.6	
UP-26NB	150	6	9000	300	263	10 23/64	119	4 23/32	1.95	4.30	-	N.P.T.1/4	9.5	3/8	0.60	21.0	98	5.6	

# [WARNING FOR SAFETY USE]

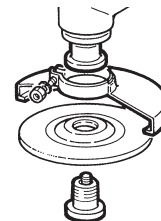
Firstly, follow your local safety regulations strictly on grinders and abrasives. Following are basically required.



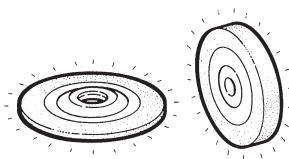
1) Before mounting to the Grinder, make sure that the Grinding Wheels or other Abrasives are of suitable size, shape, quality and strength to the rated speed (RPM) stamped on the name plate or tool housing.



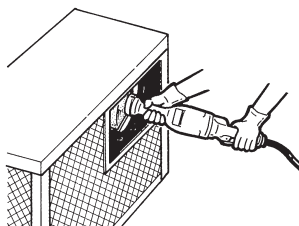
2) The Wheel Spindle speed should be regularly checked with a tachometer to make sure whether normal speed is maintained. The governed grinders must be checked to be sure governor mechanism is functioning properly.



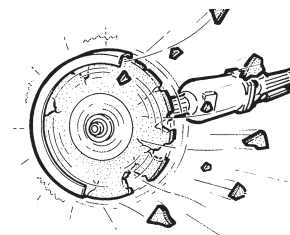
3) Make sure before operation that the the abrasive Wheel should be mounted carefully and sufficiently with flanges and nuts of proper size and shape by use of the Spanners.



4) All Grinding Wheels should be closely inspected before installation and use. If cracks, nicks, or chips are found, do not use the Wheel in question.



5) Before installing a grinding Wheel, after all Grinders repair and whenever the Grinder is issued for use, test run the Grinder by a competent person for a while under a protected area.

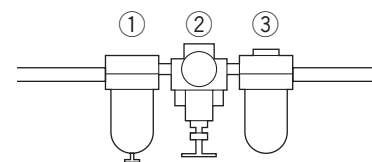
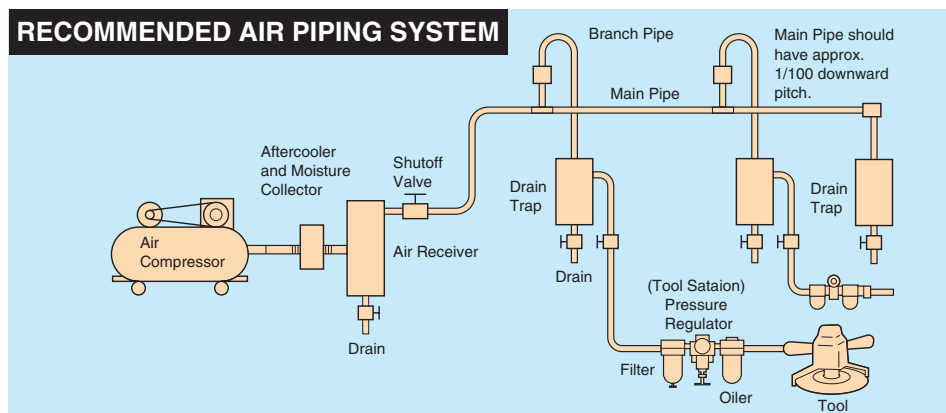


6) Never exceed maximum speed of the abrasive Wheel to avoid dangerous breakage. Fragments from the Wheel can cause serious injury or death. Do not operate without wearing eye protector and gloves.

## RUBBER PAD, FIBER PAD & POLISHING PAD

PAD	MODEL	SIZE	CODE NOS.
RUBBER PAD	AG-100 series	80mm	554-406-1
	USG-4V series	125mm	892-006-1
	USG-5V series		
FIBER PAD	UP-80 series	170mm	566-406-1
	UAG-70 series		
	UVG-1500 series		
	UVG-1800 series		
POLISHING PAD	AG-180W		
	USG-45P	73 φ	553-415-1
		115 φ	553-416-1
		120 φ	585-415-1
AG-180W	174 φ	585-416-1	
	UP-80-15 & 60	6"	998-510-0
UP-80-40		7"	998-513-0

## RECOMMENDED AIR PIPING SYSTEM



- ① **Air Filter :**  
removes water and dirt particles out of compressed air.
- ② **Pressure Regulator :**  
gives steady and dependable regulation at 0.6MPa (85psi).
- ③ **Air Oiler (Lubricator) :**  
assures longer and more dependable tool life.