



KUT--KWIK UNDERCUTTER MODEL KK350 INSTRUCTIONS & PARTS LIST

AIR MOTOR:

Connect to an air supply with line pressure of approximately 90 p.s.i. A Martindale Automatic Filter-Lubricator must be used to keep the motor adequately lubricated. Failure to do so will void warranty.

DIAMOND PLATED WHEELS:

This special 35,000 RPM Kut-Kwik Undercutter is designed for use with 3/4" dia. and 7/8" dia. x 5/16" hole Diamond Coated Cutting Wheels. These wheels are available in thicknesses, as shown in the Martindale Products Catalog or on line at www.martindaleco.com.

SAFETY:

Under no circumstances should H.S.S. or Tungsten-Carbide saws or "V" Cutters be used with this air tool. There is a serious risk of explosive breakage at high speed.

OPERATION:

The Cutting Wheel Arbor is held in a collet. The collet is opened and closed by using a 5/16" open end wrench on the hexagon spindle and a 6 mm. wrench on the Collet flats. Open the collet, insert the arbor shank into the collet, tighten the collet as described, DO NOT OVERTIGHTEN.

Position a Diamond Plated Wheel onto the locating shoulder of the arbor, the Diamond Wheel is clamped using the front flange and a 6-32 x 1/4" long countersunk flat head screw. DO NOT OVERTIGHTEN this screw.

Air is introduced into the air motor by using the straight knurled rotary throttle located below the hand grip. When the Diamond Plated Wheel is positioned and secured, Rotate the throttle fully open and check for true running of the arbor and Diamond Wheel.

There is an eccentric Nylon Depth Gage attached to the cutting head. This can be rotated to allow the desired depth of cut.

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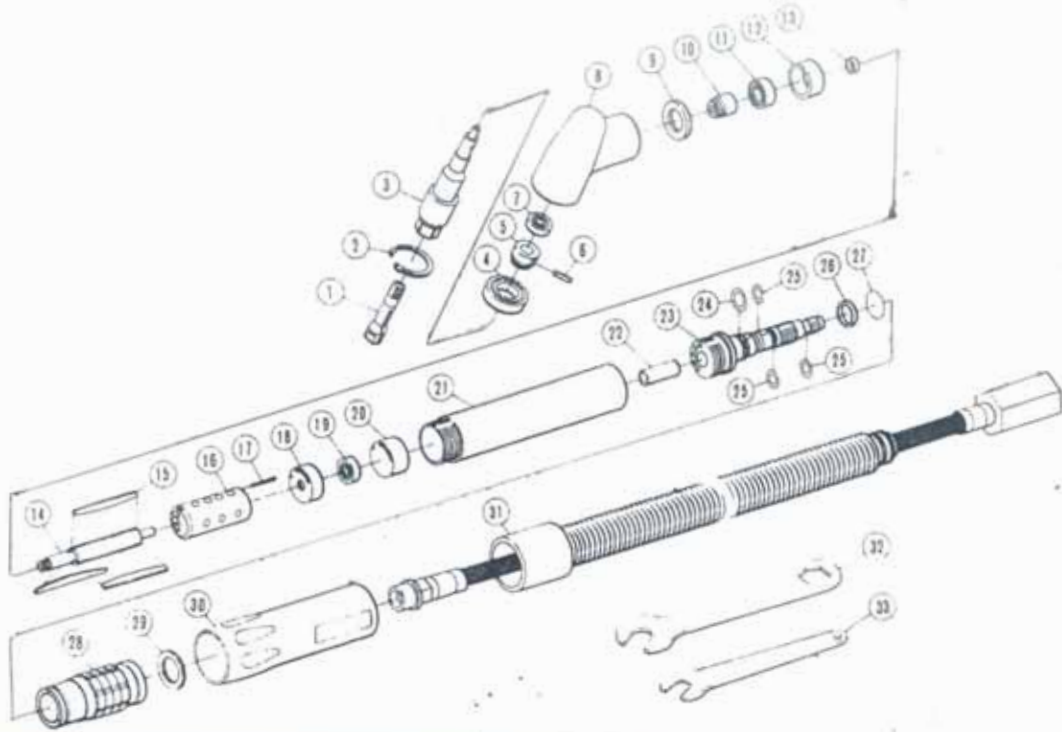
This Air Motor has a geared head drive which transmits more torque than the usual vane type air motor. However, care should be used in using the tool so as not to unduly load the small gear assembly. Experience will show the operator the best cutting rate. Cutting should begin at the riser and the tool drawn back toward the operator.

It is recommended that a Protective Mask and Eyeshield be worn when undercutting to insure operator safety and comfort.



MARTINDALE

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Index No.	EDP No.	Description	Number Required	Index No.	EDP No.	Description	Number Required
1	810701	Chuck 3, Collet	1	26	810726	Cover, O-Ring	1
2	810702	Snap Ring IRTW-17	1	27	810727	O-Ring S0-006-18	1
3	810703	Collet	1	28	810728	Throttle	1
4	810704	Bearing 689ZZ, Ball	1	29	810729	Filter	1
5	810705	Gear, Collet	1	30	810730	Cushion Grip, Rear	3
6	810706	Pin SP2 x 8, Gear	1	31	810731	Air Hose Set (Inlet-1.5m / Outlet-0.6m)	1
7	810707	Bearing R2ZZ, Ball	1	32	810732	Spanner A/F 9mm	1
8	810708	Housing, Angle Head	1	33	810733	Spanner A/F 5mm	1
9	810709	Shim, Adjustment	1				
10	810710	Gear, Bevel	1				
<11>	810711	Bearing 685ZZ, Ball (Installed No.12)	1				
12	810712	Endplate w/ BB, Front	1				
13	810713	Bushing	1				
14	810714	Rotor	1				
15	810715	Blade, Rotor	3				
16	810716	Cylinder w/ Dowel	1				
<17>	810717	Dowel SP1.2x12, Cylinder (Installed No.16)	1				
18	810718	Endplate w/ BB, Rear	1				
<19>	810719	Bearing R2ZZ, Ball (Installed No.18)	1				
20	810720	Shim	1				
21	810721	Housing, Main	1				
22	810722	Pipe, Air Inlet	1				
23	810723	Valve, Adjustment	1				
24	810724	O-Ring S7HS90	1				
25	810725	O-Ring S5HS90	3				

Items Not Pictured:

- Arbor, Saw - 45M-2
- Flange, Saw Retaining - 45M-3
- Screw, Flange, 6-32 CSK
- Gage, Depth, Delrin - 45M-1
- Screw, Depth Gage, 5-40x1/8

Parts with < > marked shall not be supplied individually even if ordered since it is an integrate component.