

Pneumatic Bandsaw

Stainless Steel

P/N: UBS114000



Operation and Maintenance Manual

Certified for underground use



Laboratories for Materials Advanced Testing Services

NDT & Inspection
Hydrostatic testing
Weld qualification
Concrete testing

Mechanical testing
Metallurgical services
Chemical analysis & PMI
Pressure plant inspection

CHEMICAL ANALYSIS REPORT

Report Number	LW19-1900 CA Rev 1	Test Date	November 2019
Customer	Ultimate Tool Distribution	Customer Address	4/3 Mcphail Rd, Coomera, QLD, 4209
Requested By	Todd Collins	Purchase Order	4279
Accredited Laboratory	LMATSMelbourne Laboratory	Sampling	Samples supplied by the client, including identification
Job Description	Chemical analysis on 23 components of ultimate bandsaw – UBS114000 – Reporting Al, Mg, and Ti	Material Specification	Stainless steel, Carbon steel
Identification	Refer to Table 1 and photographs provided by client (Reference only)	Test Specification	Client's requirements – Report findings Al, Mg and Ti
Test Results	Total Aluminium, Magnesium and Titanium content for all 23 parts tested in Table 1 is approximately 0.542%. Elemental compositions summarized in Table 1.		



Figure 1: General photograph of ultimate bandsaw model UBS114000 - provided by client



Accreditation No. 15840

Accredited for compliance with ISO/IEC 17025- Testing
Accreditation Number 15840

This report supersedes report LW19-1900 CA
Any statements of compliance are made taking into consideration the measurement uncertainty as appropriate. Measurement uncertainty can be obtained by contacting the laboratory.

Chemical Engineer

Sakshi Kumar

21 November 2019

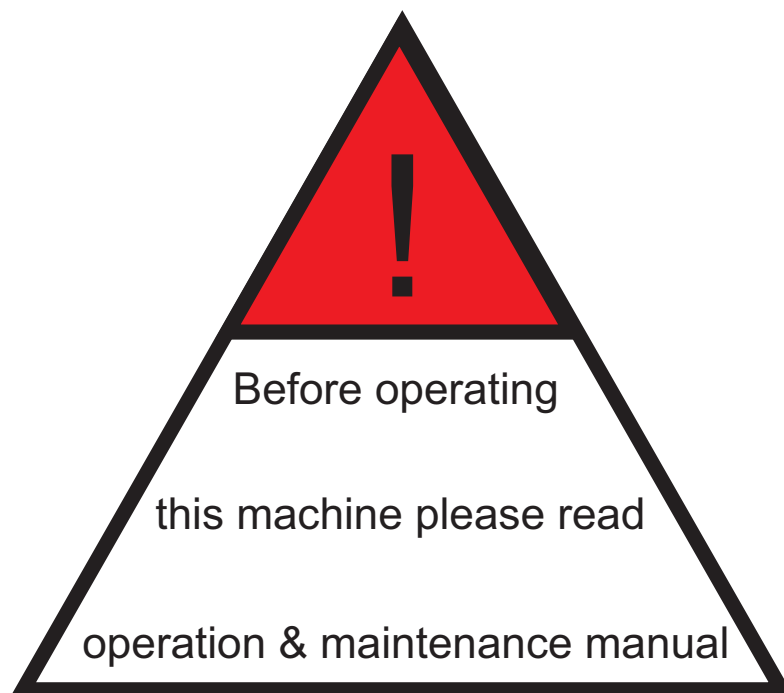
Report available on request

Safety Instruction - Workplace Hazard Prevention

WARNING - The following applies unless stated otherwise in the operation and maintenance manual. This machine is not insulated. If a power surge was to occur this machine is not protected.

CAUTION - Risk of injury. Hands may be crushed, cut or otherwise injured. Keep hands away from all rotating parts during operation.

CAUTION - Risk of Injury. Eliminate all possible hazards that could lead to, falling, tripping etc. Keep limbs away from all rotating parts during operation. Ensure work area is clear of debris and is clean and tidy.



Safety Instruction - Compressed Air Hazard Prevention

WARNING - Compressed air can cause serious injury. Before changing the machines accessories and/or commencing maintenance be sure to depressurise the unit and disconnect air supply.

Inspect all air hoses, connections and fittings regularly for any damage. When connecting and disconnecting air supply be sure not to engage the machines trigger.

The maximum recommended operating pressure must not be exceeded.

Safety Instruction - Operator Hazard Prevention

Always operate, inspect and maintain tool in accordance to regulations.

Disconnect tool from air supply before changing accessories or performing maintenance tasks.

Before starting work make sure appropriate safety gear is worn to protect hands against cuts, abrasions and impact.

Do not operate this machine if under the influence of drugs or alcohol.

Always work in the best possible position so that you can react accordingly if any unexpected movement occurs.

The operator must be physically capable of handling the machines power and weight. Keep hands, loose clothing and long hair away from rotating parts of the machine.

Always wear hearing protection. **continued next page.**

Safety Instruction - Operator Hazard Prevention

Always use clean dry air at recommended pressure. Dust, dirt and moisture can ruin internal components of the machine lubricating daily is recommended.

Do not use damaged, frayed or deteriorated air hose or fittings.

Wear respiratory protection as required by occupational health and safety regulations . Long term exposure to dust and fumes can cause illness.

Service and Maintenance

WARNING - Maintenance and service work on pneumatic equipment can cause severe injury. Always take precautions to prevent injury to yourself or others. Repairs and service work should be performed by a qualified technician.

MAINTENANCE INSTRUCTIONS

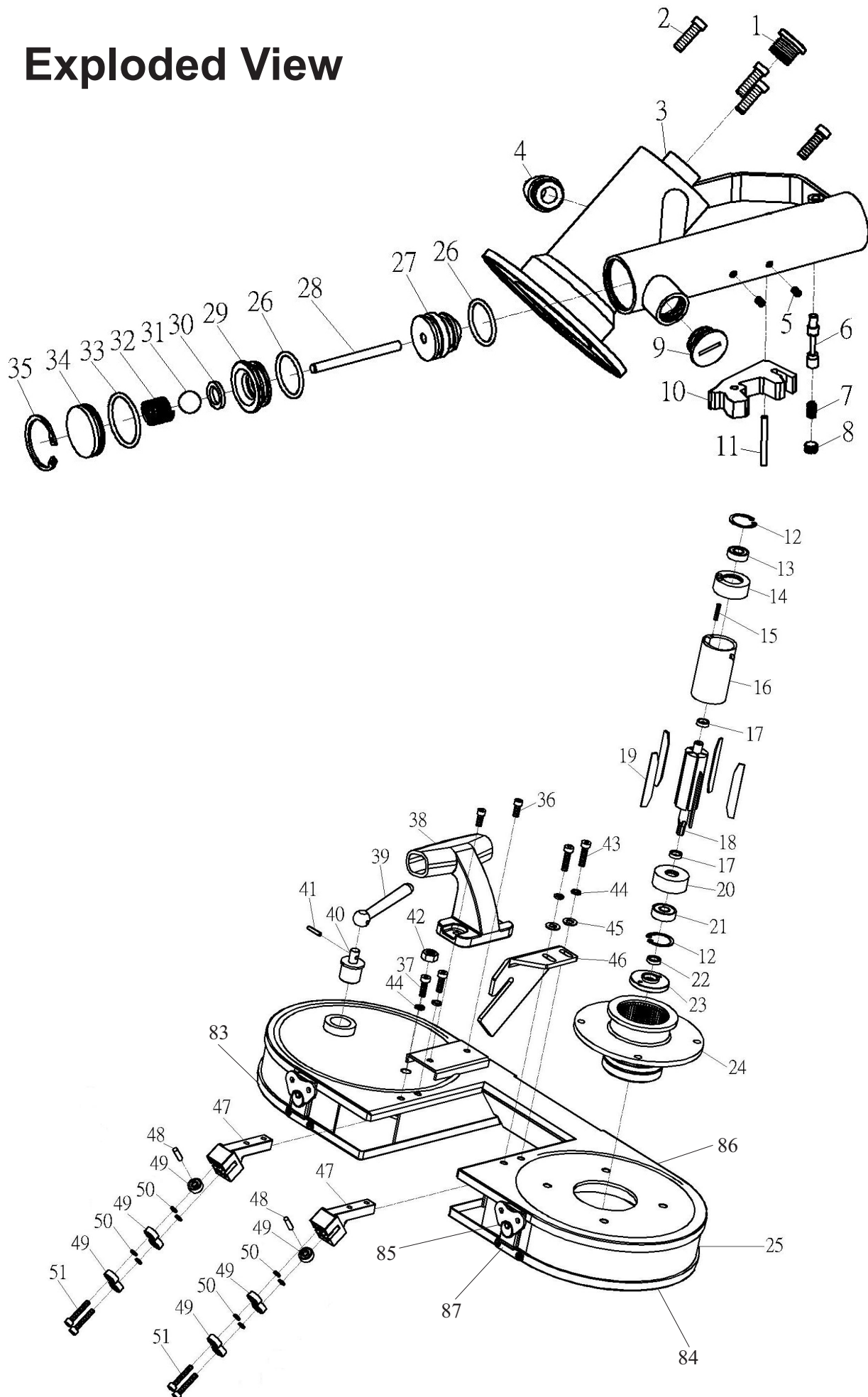
Lubrication

All Air Tools require lubrication daily. Disconnect tool from air supply depress trigger and apply 2-4 drops of air tool oil directly in to the air inlet. Regular lubrication will prolong the life of the machine. We recommend Using an inline air filter/lubricator. Do not lubricate tool with flammable or volatile liquids such as kerosene or fuel.

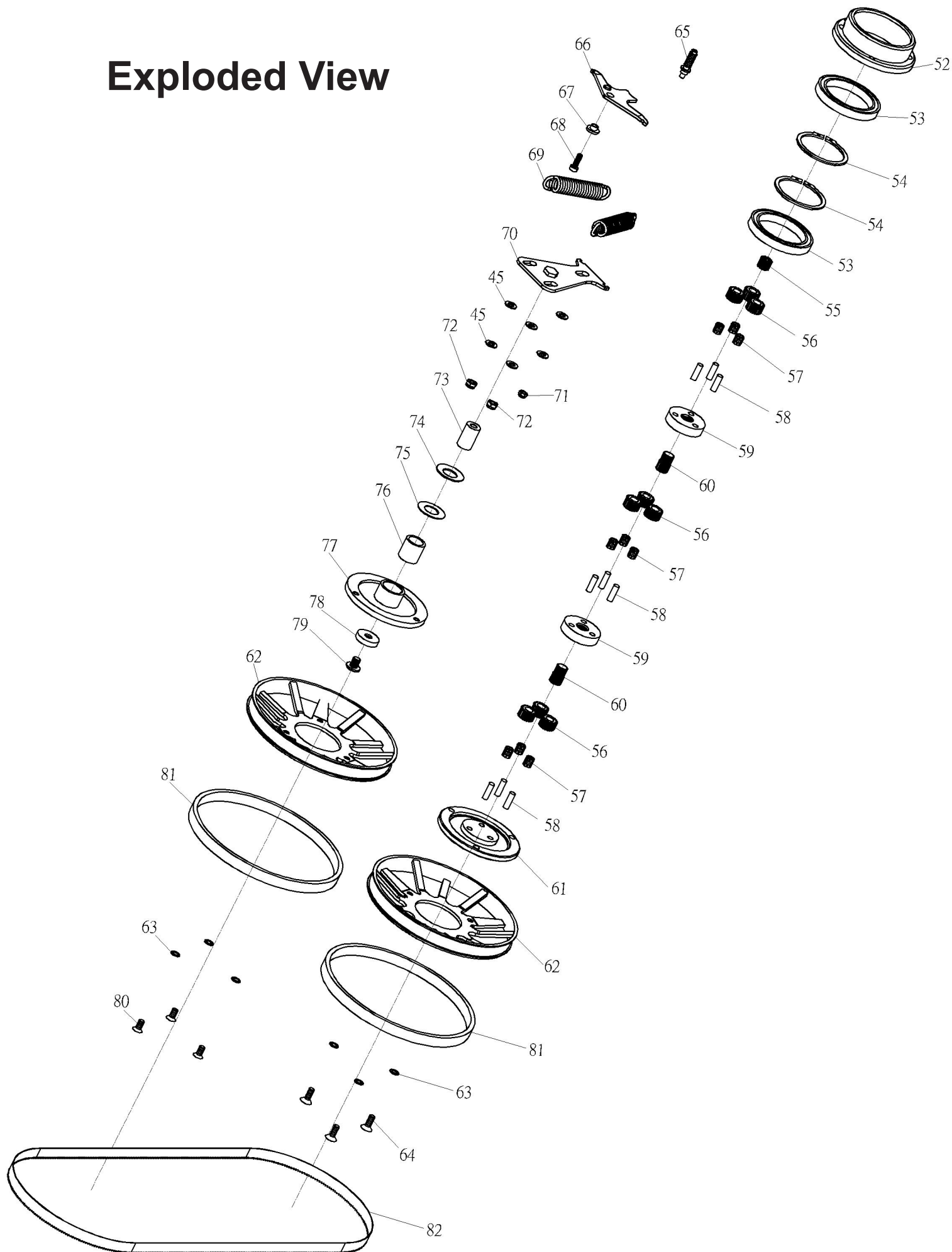
Usually if the following rules are observed the machine will have the expected life expectancy and high reliability.

- Clean filtered air supply free from dust, dirt and moisture
- Lubrication and maintenance schedules

Exploded View



Exploded View



Spare Parts Listing

	Part No.	Description	Qty	Ref.	Part No.	Description	Qty
1	UBS1140001	Screw	1	42	UBS1140042	Hexagonal Nut	1
2	UBS1140002	Fillister-Head Screw	4	43	UBS1140043	Fillister-Head Screw	2
3	UBS1140003	Housing	1	44	UBS1140044	Stop Washer	4
4	UBS1140004	Sintered Metal Silencer	1	45	UBS1140045	Washer	8
5	UBS1140005	Set Screw	2	46	UBS1140046	Work Stopp	1
6	UBS1140006	Lock Bold	1	47	UBS1140047	Guide Holder	2
7	UBS1140007	Compression Spring	1	48	UBS1140048	Pin	2
8	UBS1140008	Screw Plug	1	49	UBS1140049	Ball Bearing	10
9	UBS1140009	Air Inlet Propepor	1	50	UBS1140050	Spring Washer	8
10	UBS1140010	Pusher	1	51	UBS1140051	Fillister-Head Screw	4
11	UBS1140011	Notched Pin	1	52	UBS1140052	Bearing Ring	1
12	UBS1140012	Snap Ring	2	53	UBS1140053	Ball Bearing	2
13	UBS1140013	Ball Bearing	1	54	UBS1140054	Snap Ring	2
14	UBS1140014	Rear End Plate	1	55	UBS1140055	Idler Gear	1
15	UBS1140015	Pin	1	56	UBS1140056	Idler Gear	9
16	UBS1140016	Cylinder	1	57	UBS1140057	Needle Cage	9
17	UBS1140017	Spacer	2	58	UBS1140058	Idler Gear Pin	9
18	UBS1140018	Rotor	1	59	UBS1140059	Idler Spindle	2
19	UBS1140019	Rotor Blade	5	60	UBS1140060	Pinion	2
20	UBS1140020	Front End Plate	1	61	UBS1140061	Planet Carrier,Assy	1
21	UBS1140021	Ball Bearing	1	62	UBS1140062	Drive Pulley	2
22	UBS1140022	Sealing Ring	1	63	UBS1140063	Stop Washer	6
23	UBS1140023	Tension Ring	1	64	UBS1140064	Counter-Sunk Screw	3
24	UBS1140024	Rim Of The Gear	1	65	UBS1140065	Threaded Pin	1
25	UBS1140025	Gearbox	1	66	UBS1140066	Yoke	1
26	UBS1140026	O-Ring	2	67	UBS1140067	Washer	1
27	UBS1140027	Guiding	1	68	UBS1140068	Fillister-Head Screw	1
28	UBS1140028	Cylindrical Pin	1	69	UBS1140069	Tension Spring	2
29	UBS1140029	Valve Lisert	1	70	UBS1140070	Pulley	1
30	UBS1140030	Sealing Ring	1	71	UBS1140071	Hexagonal Nut	1
31	UBS1140031	Ball	1	72	UBS1140072	Hexagonal Nut	2
32	UBS1140032	Compression Spring	1	73	UBS1140073	Counter-Sunk Screw	1
33	UBS1140033	O-Ring	1	74	UBS1140074	Washer	1
34	UBS1140034	Screw Plug	1	75	UBS1140075	Washer	1
35	UBS1140035	Snap Ring	1	76	UBS1140076	Needle Bearing	1
36	UBS1140036	Screw	2	77	UBS1140077	Bearing Ring	1
37	UBS1140037	Fillister-Head Screw	2	78	UBS1140078	Washer	1
38	UBS1140038	Dead Handle	1	79	UBS1140079	Flat-Head Screw	1
39	UBS1140039	Tension Lever	1	80	UBS1140080	Counter-Sunk Screw	3
40	UBS1140040	Tension Shaft	1	81	UBS1140081	Belt	2
41	UBS1140041	Pin	1	82	UBS1140082	Band Saw Blade	1
				83	UBS1147230	Cover Front	1
				84	UBS1147120	Cover Back	1
				85	UBS1140100	Protected link lock	2
				86	UBS1147080	Hinge Plate	4
				87	UBS1140110	Counterpiece	2



P/N: 925060020
14TPI Bandsaw Blade

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