

LAGUNA

1412

Bandsaw

Operating Instructions



Producer:

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2022-04-20

151-1412 LAGUNA Bandsaw Manual EN v1.14 A Mob

EC DECLARATION OF CONFORMITY

We
(Manufacturer)

Laguna Tools Inc.
2072 Alton Parkway, Irvine, California 92606, USA

Declare that the product name: Woodworking Band Saw

Model Name : 14-twelve Bandsaw, 14bx Bandsaw, 18bx Bandsaw

Conform with the essential safety requirements of the relevant European Directive:

- Machinery Directive 2006/42/EC
- Electromagnetic Compatibility Directive 2014/30/EU

The person who compile technical file established within the EU:

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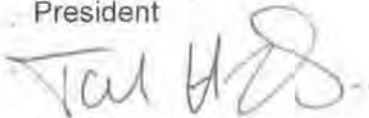
Mounting and connecting instructions defined in catalogues and technical construction files must be respected by the user.

They are based on the following standards :

- EN ISO 12100:2010 Safety of Machinery - General principles for design / Risk Assessment and Risk reduction.
- EN 1807-1:2013 Safety of woodworking machines — Band sawing machines — Part 1: Table band saws and band re- saws
- EN 60204-1:2018/ Safety of machinery – Electrical equipment of machines, part 1: General requirements.
- EN 13849-1:2015 Safety of machinery – Safety – related parts of control systems Part 1: General principles for design
- EN 50370 -1:2005 Electromagnetic compatibility (EMC) – Product family standard for machine tools – Part 1: Emission.
- EN 50370 -2:2003 Electromagnetic compatibility (EMC) – Product family standard for machine tools – Part 2: Immunity.
- EN 61000-4-2: 2009 Electrostatic (ESD)
- EN 61000-4-4: 2012 Electrical fast transient/burst requirements (EFT/Burst)
- EN 61000-4-6: 2014 Immunity to conducted disturbances, induced by radio-frequency fields (CS)

Responsible for the documentation: Head Product Management, Laguna Tools Inc.

Name : Torben Helshoj
Responsibility : President
Authorized Signature



Date : Oct. 15, 2021
Place : Laguna Tools Inc.

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Parts list

Laguna part No	Supplier part number	Item Description	Specification	Qty
Upper Wheel Assembly				
PBAND1412-175-1	1412-101	Hex Nut	M14x1.5-LH	1
PBAND1412-175-2	1412-102	Ball Bearing	6202LLU	2
PBAND1412-175-3	1412-103	C-Ring	R35	2
PBAND1412-175-4	1412-104	PU Tire		1
PBAND1412-175-5	1412-105	Upper Wheel		1
PBAND1412-175-6	1412-106	Upper Wheel Shaft		1
PBAND1412-175-7	1412-107	Upper Wheel Shaft Bracket		1
PBAND1412-175-8	1412-108	Special Nut		1
PBAND1412-175-9	1412-109	Socket Head Cap Screw	3/8-16UNCx5/8"	1
PBAND1412-175-10	1412-110	Support Bracket		1
PBAND1412-175-11	1412-111	Hex Cap Screw	M10x1.5x80mm	2
PBAND1412-175-12	1412-112	Flat Washer	3/8"	4
PBAND1412-175-13	1412-113	Upper Wheel Bracket Base		1
PBAND1412-175-14	1412-114	Nylon Inserted Lock Nut	M10x1.5	2
PBAND1412-175-15	1412-115	Pointer		1
PBAND1412-175-16	1412-116	Special Bolt		2
PBAND1412-175-17	1412-117	Spring		1
PBAND1412-175-18	1412-118	Bracket		1
PBAND1412-175-19	1412-119	Pin	Ø4x20mm	1
PBAND1412-175-20	1412-120	Adjusting Screw		1
PBAND1412-175-21	1412-121	Blade Tension Arm Assembly		1
PBAND1412-175-22	1412-122	Support Block		1
PBAND1412-175-23	1412-123	Plate		1
PBAND1412-175-24	1412-124	Handle		1
PBAND1412-175-25	1412-125	Door Hinge Set		2
PBAND1412-175-25-1	1412-125.1	Door Hinge, Left		2
PBAND1412-175-25-2	1412-125.2	Door Hinge, Right		2
PBAND1412-175-25-3	1412-125.3	Socket Head Cap Screw	M5x0.8x35	2
PBAND1412-175-25-4	1412-125.4	Nylon Inserted Lock Nut	M5x0.8	2
PBAND1412-175-26	1412-126	Screw	M3.5x10	6
PBAND1412-175-27	1412-127	Hex Nut	#10-24UNC	4
PBAND1412-175-28	1412-128	Lock Washer	#10	4
PBAND1412-175-29	1412-129	Flat Washer	#10	4
PBAND1412-175-30	1412-130	Tracking Window		2

PBAND1412-175-31	1412-131	Screw	#10-24UNC×1/2"	4
PBAND1412-175-32	1412-132	Hex Nut	1/4-20UNC	1
PBAND1412-175-33	1412-133	Door Stud		1
PBAND1412-175-34	1412-134	Tension Gauge		1
MBAND14BX220-250-172-UK	14BX220-250-172-UK	Connectors for Junction Boxes (not shown)		2
PBAND1412-175-36-UK	1412-136-UK	ON/ OFF Switch		1
PBAND1412-175-37	1412-137	Screw	M5x0.8x16mm	2
PBAND1412-175-39	1412-139	Washer, Lock-Int. Tooth	M5	4
PBAND1412-175-40	1412-140	Hex Nut	M5x0.8	2
PBAND1412-175-41	1412-141	Hex Cap Screw	1/4-20UNCx5/8"	4
PBAND1412-175-42	1412-142	Lock Washer	1/4"	4
PBAND1412-175-43	1412-143	Set Screw	1/4-20UNCx3/8"	2
PBAND1412-175-44	1412-144	Hand wheel		1
PBAND1412-175-45	1412-145	Screw	1/4-20UNCx3/4"	1
PBAND1412-175-46	1412-146	Lock Knob		1
PBAND1412-175-47-UK	1412-147-UK	Saw Body		1
PBAND1412-175-48	1412-148	Lock Knob		1
PBAND1412-175-49	1412-149	Adjusting Knob		1
PBAND1412-175-50	1412-150	Tension Label		1
PBAND1412-175-51-UK	1412-151-UK	Upper Door		1
PBAND1412-175-52	1412-152	Logo Label		1
PBAND1412-175-53	1412-153	Hinge Cover		1
PBAND1412-175-55	1412-155	Warning Label(not shown)		1
PBAND1412-175-2-13	1412-213	Lock Washer	5/16"	7
PBAND1412-175-2-11	1412-211	Flat Washer	5/16"	6
PBAND1412-175-3-38	1412-338	Hex Nut	5/16-18UNC	6
PBAND1412-175-59	1412-159	Carriage Bolt	5/16-18UNCx5/8"	6
PBAND1412-175-60	1412-160	Upper Wheel Bracket Left Side		1
PBAND1412-175-61	1412-161	Upper Wheel Bracket Right Side		1
PBAND1412-175-62	1412-162	Screw	M3.5x0.6x12mm	4
PBAND1412-175-63	1412-163	Screw	M4x0.7x12mm	4
PBAND1412-175-64	1412-164	Plate		3
PBAND1412-175-65	1412-165	Connect Bracket		1
PBAND1412-175-66	1412-166	Screw	M4x0.7x12mm	1
PBAND1412-175-67	1412-167	Control Panel		1
PBAND1412-175-68	1412-168	Hex Nut	M4x0.7	1

Lower Wheel and Motor Assembly				
PBAND1412-175-2-1	1412-101	Hex Nut	M14x1.5- LH	1
PBAND1412-175-2-2	1412-102	Ball Bearing	6202LLU	2
PBAND1412-175-2-3	1412-103	C-Ring	R35	2
PBAND1412-175-2-4	1412-104	PU Tire		1
PBAND1412-175-2-5	1412-205	Lower Wheel		1
PBAND1412-175-2-6	1412-206	Poly-V Belt		1
PBAND1412-175-2-7	1412-207	Motor Pulley		1
PBAND1412-175-2-8	1412-208	Set Screw	5/16-18UNCx3/8"	2
PBAND1412-175-2-9	1412-209	Key	6x6x40mm	1
PBAND1412-175-2-10	1412-210	Hex Cap Screw	3/8-16UNCx5/8"	1
PBAND1412-175-2-11	1412-211	Flat Washer	5/16"	4
PBAND1412-175-2-12	1412-212	Spindle Pulley		1
PBAND1412-175-2-13	1412-213	Lock Washer	5/16"	3
PBAND1412-175-2-14	1412-214	Socket Head Cap Screw	5/16-18UNCx1-1/2"	3
PBAND1412-175-2-15	1412-215	Lower Spindle		1
PBAND1412-175-2-16	1412-216	Hex Cap Screw	M5x0.8x30mm	2
PBAND1412-175-2-17	1412-129	Flat Washer	#10	6
PBAND1412-175-2-18	1412-218	Brush		1
PBAND1412-175-2-19	1412-140	Hex Nut	M5x0.8	4
PBAND1412-175-2-20	1412-220	Insert Block		1
PBAND1412-175-2-21	1412-221	Shelf		1
PBAND1412-175-2-22	1412-222	Hex Cap Screw	M5x0.8x12mm	2
PBAND1412-175-2-23	1412-162	Screw	M3.5x0.6x12mm	4
PBAND1412-175-2-24	1412-125	Door Hinge Set		2
PBAND1412-175-2-24-1	1412-125.1	Door Hinge, Left		2
PBAND1412-175-2-24-2	1412-125.2	Door Hinge, Right		2
PBAND1412-175-2-24-3	1412-125.3	Socket Head Cap Screw	M5x0.8x35mm	2
PBAND1412-175-2-24-4	1412-125.4	Nylon Inserted Lock Nut	M5x0.8	2
PBAND1412-175-2-25-UK	1412-225-UK	Lower Door		1
PBAND1412-175-2-26	1412-226	Lock Knob		2
PBAND1412-175-2-27-UK	1412-227-UK	Lower Blade Guard		1
PBAND1412-175-2-28	1412-228	Screw	1/4-20UNCx3/4"	1
PBAND1412-175-2-29	1412-229	Plate		1
PBAND1412-175-2-30	1412-132	Hex Nut	1/4-20UNC	1
PBAND1412-175-2-31	1412-133	Door Stud		1
PBAND1412-175-2-32	1412-232	Flat Washer	1/4"	1

PBAND1412-175-2-33	1412-233	Nylon Inserted Lock Nut	1/4-20UNC	1
PBAND1412-175-2-34	1412-146	Lock Knob		1
PBAND1412-175-2-35	1412-145	Screw	1/4-20UNCx3/4"	1
PBAND1412-175-2-36-UK	1412-236-UK	Plate		1
PBAND1412-175-2-37	1412-237	Screw	#10-24UNCx3/8"	2
PBAND1412-175-2-38-UK	1412-238-UK	Strain Relief	PG-13.5	2
PBAND1412-175-2-39-UK	1412-239-UK	Motor Cord		1
PBAND1412-175-2-40-UK	1412-240-UK	Power Cord		1
PBAND1412-175-2-41	1412-241	Hex Cap Screw	3/8-16UNCx1"	1
PBAND1412-175-2-42	1412-242	Flat Washer	3/8"	2
PBAND1412-175-2-43	1412-243	Lock Washer	3/8"	5
PBAND1412-175-2-44	1412-244	Hex Nut	M14x1.5	1
PBAND1412-175-2-45-UK	1412-245-UK	Motor		1
PBAND1412-175-2-45MF	1412-245MF	Motor Fan (not shown)		1
PBAND1412-175-2-45MFC-UK	1412-245MFC-UK	Motor Fan Cover (not shown)		1
PBAND1412-175-2-45JB-UK	1412-245JB-UK	Junction Box (not shown)		1
PBAND1412-175-2-45JBC	1412-245JBC	Junction Box Cover (not shown)		1
PBAND1412-175-2-45MB	1412-245MB	Motor Break (not shown)		1
PBAND1412-175-2-45RR	1412-245RR	Rectifier (not shown)		1
PBAND1412-175-2-45MB	1412-245MB	Motor Break (not shown)		1
PBAND1412-175-2-45RR	1412-245RR	Rectifier (not shown)		1
PBAND1412-175-2-45SC-UK	1412-245SC	Start Capacitor (not shown)	100MF 250VAC	1
PBAND1412-175-2-45RC-UK	1412-245RC	Running Capacitor (not shown)	20uF 350VAC	1
PBAND1412-175-2-46	1412-246	Spindle Holder		1
PBAND1412-175-2-47	1412-247	Adjusting Screw		4
PBAND1412-175-2-48	1412-248	Hex Cap Screw	3/8-16UNCx1-3/4"	4
PBAND1412-175-2-49	1412-249	Flat Washer	3/4"	1
PBAND1412-175-2-50	1412-250	Strain Relief	PG-11	1
PBAND1412-175-2-51	1412-163	Screw	M4x0.7x12mm	4
PBAND1412-175-2-52	1412-164	Plate		3
PBAND1412-175-2-53	1412-166	Screw	M4x0.7x12mm	1
PBAND1412-175-2-54	1412-254	Plate		1
PBAND1412-175-2-55	1412-126	Screw	M3.5x0.6x10mm	2
PBAND1412-175-2-56	1412-256	Strain Relief	PG-9	1
PBAND1412-175-2-57	1412-257	Safety Interlock Switch Cord		1

PBAND1412-175-2-58	1412-258	Screw	M4x0.7x6mm	6
PBAND1412-175-2-59	1412-259	Safety Interlock Switch Pin Support Bracket		1
PBAND1412-175-2-60	1412-260	Safety Interlock Switch Pin		1
PBAND1412-175-2-61	1412-261	Screw	M4x0.7x30mm	2
PBAND1412-175-2-62	1412-262	Safety Interlock Switch	QKS8	1
PBAND1412-175-2-63	1412-263	Safety Interlock Switch Support Bracket		1
PBAND1412-175-2-64	1412-168	Hex Nut	M4x0.7	1
Table And Fence Assembly				
PBAND1412-175-3-1	1412-301	Aluminum Fence		1
PBAND1412-175-3-2	1412-302	Plastic Adjusting Screw		1
PBAND1412-175-3-3	1412-303	Fence Body		1
PBAND1412-175-3-4	1412-304	Lock Knob		2
PBAND1412-175-3-5	1412-305	Socket Head Cap Screw	5/16-18UNCx3/4"	3
PBAND1412-175-3-6	1412-213	Lock Washer	5/16"	10
PBAND1412-175-3-7	1412-307	Fence Head		1
PBAND1412-175-3-8	1412-308	Lock Knob		1
PBAND1412-175-3-9	1412-309	Lock Bar		1
PBAND1412-175-3-10	1412-310	Set Screw	M4x0.7x4mm	4
PBAND1412-175-3-11	1412-311	Table Insert		1
PBAND1412-175-3-12	1412-312	Table		1
PBAND1412-175-3-13	1412-313	Scale		1
PBAND1412-175-3-14	1412-314	Scale Plate		1
PBAND1412-175-3-15	1412-315	Hex Cap Screw	M5x0.8x10mm	2
PBAND1412-175-3-16	1412-129	Flat Washer	#10	2
PBAND1412-175-3-17	1412-317	Bushing		2
PBAND1412-175-3-18	1412-318	Socket Head Cap Screw	5/16-18UNCx2"	2
PBAND1412-175-3-19	1412-319	Steel Tube		1
PBAND1412-175-3-20	1412-320	Scale		1
PBAND1412-175-3-21	1412-321	Trunnion		2
PBAND1412-175-3-22	1412-322	Hex Cap Screw	M10x1.5x50mm	2
PBAND1412-175-3-23	1412-323	Slide Block		2
PBAND1412-175-3-24	1412-324	Flat Washer	1/4"	6
PBAND1412-175-3-25	1412-142	Lock Washer	1/4"	6
PBAND1412-175-3-26	1412-326	Socket Head Cap Screw	M6x1.0x16mm	6
PBAND1412-175-3-27	1412-327	Pointer		1
PBAND1412-175-3-28	1412-328	Screw	M5x0.8x8mm	1

PBAND1412-175-3-29	1412-329	Bracket		1
PBAND1412-175-3-30	1412-242	Flat Washer	3/8"	2
PBAND1412-175-3-31	1412-331	Lock Handle		2
PBAND1412-175-3-32	1412-332	Hex Cap Screw	5/16-18UNCx1-1/4"	3
PBAND1412-175-3-33	1412-333	Set Screw	5/16-18UNCx5/8"	2
PBAND1412-175-3-34	1412-334	Hex Cap Screw	5/16-18UNCx1-3/4"	3
PBAND1412-175-3-35	1412-335	Hex Cap Screw	3/8-16UNCx2"	1
PBAND1412-175-3-36	1412-336	Hex Nut	3/8-16UNC	1
PBAND1412-175-3-37	1412-337	Phillips Flat Head Screw	M4x0.7x8mm	1
PBAND1412-175-3-38	1412-338	Hex Nut	5/16-18UNC	1
PBAND1412-175-3-39	1412-211	Flat Washer	5/16"	1
PBAND1412-175-3-40	1412-340	Lock Handle		1
Upper And Lower Blade Guides Assembly				
PBAND1412-175-4-1	1412-401	Lock Knob		1
PBAND1412-175-4-2	1412-208	Set Screw	5/16-18UNCx3/8"	2
PBAND1412-175-4-3	1412-143	Set Screw	1/4-20UNCx3/8"	1
PBAND1412-175-4-4	1412-404	Hand wheel		1
PBAND1412-175-4-5	1412-405	Handle		1
PBAND1412-175-4-6	1412-406	Pointer		1
PBAND1412-175-4-7	1412-407	Screw	1/4-20UNCx3/8"	1
PBAND1412-175-4-8-UK	1412-408-UK	Upper Blade Guard		1
PBAND1412-175-4-9	1412-409	Height Scale		1
PBAND1412-175-4-10	1412-410	Magnet		1
PBAND1412-175-4-11	1412-411	Guide Bar Bracket		1
PBAND1412-175-4-12	1412-412	Socket Head Cap Screw	5/16-18UNCx1-1/4"	2
PBAND1412-175-4-13	1412-413	C-Ring	S12	1
PBAND1412-175-4-14	1412-414	Worm		1
PBAND1412-175-4-15	1412-415	E-Ring	E8	2
PBAND1412-175-4-16	1412-416	Gear Base		1
PBAND1412-175-4-17	1412-417	Bushing		1
PBAND1412-175-4-18-UK	1412-418-UK	Shaft		1
PBAND1412-175-4-19	1412-419	Gear		1
PBAND1412-175-4-20	1412-420	Plate		1
PBAND1412-175-4-21-UK	1412-421-UK	Special Screw		4
PBAND1412-175-4-22	1412-422	Guide Bar		1

PBAND1412-175-4-23	1412-423	Socket Head Cap Screw	1/4-20UNCx5/8"	4
PBAND1412-175-4-24	1412-142	Lock Washer	1/4"	2
PBAND1412-175-4-25	1412-425	Lock Knob		4
PBAND1412-175-4-26	1412-426	Ceramic Guide		8
PBAND1412-175-4-27	1412-427	Adjusting Block		4
PBAND1412-175-4-28	1412-428	Fixed Block		2
PBAND1412-175-4-29	1412-429	Lock Knob		1
PBAND1412-175-4-30	1412-430	Ceramic Guide		2
PBAND1412-175-4-31	1412-431	Support Shaft		1
PBAND1412-175-4-32	1412-432	Guide Bracket		1
PBAND1412-175-4-33	1412-433	Lock Handle		1
PBAND1412-175-4-34	1412-434	Support Shaft		1
PBAND1412-175-4-35	1412-435	Lock Knob		1
PBAND1412-175-4-36	1412-436	Socket Head Button Screw	1/4-20UNCx1/2"	2
PBAND1412-175-4-37	1412-437	Base		1
PBAND1412-175-4-38	1412-438	Lock Knob		2
PBAND1412-175-4-39	1412-439	Steel Ball		1
PBAND1412-175-4-40	1412-440	Hex Cap Screw	5/16-18UNCx1"	4
PBAND1412-175-4-41	1412-213	Lock Washer	5/16"	4
PBAND1412-175-4-42	1412-211	Flat Washer	5/16"	4
PBAND1412-175-4-43	1412-443	Guide plate		1
PBAND1412-175-16	1412-116	Special Bolt		2
PBAND1412-175-4-45	1412-445	slide Guard		1
PBAND1412-175-4-46	1412-446	Screw	M4x0.7x8mm	2
Stand Assembly				
PBAND1412-175-5-1	1412-501	Hex Cap Screw	3/8-16UNCx1-1/2"	4
PBAND1412-175-5-2	1412-112	Flat Washer	3/8"	4
PBAND1412-175-5-3	1412-503	Side Panel		2
PBAND1412-175-5-4	1412-504	Front/ Rear Panel		2
PBAND1412-175-5-5	1412-505	Hex Cap Screw	5/16-18UNCx1/2"	8
PBAND1412-175-5-6	1412-211	Flat Washer	5/16"	8
PBAND1412-175-5-7	1412-507	Socket Head Button Screw	3/8-16UNCx1"	4
PBAND1412-175-5-8	1412-508	Rubber Pad		4
PBAND1412-175-5-9	1412-242	Flat Washer	3/8"	4
Wheel System: Optional				
PBAND1412-175-6-1	1412-601	Rod		1

PBAND1412-175-6-2	1412-232	Flat Washer	1/4"	6
PBAND1412-175-6-3	1412-603	Socket Head Cap Screw	1/4-20UNCx1-3/4"	2
PBAND1412-175-6-4	1412-421	Socket Head Button Screw	5/16-18UNCx1/2"	2
PBAND1412-175-6-5	1412-605	Flat Washer	5/16"	11
PBAND1412-175-6-6	1412-606	Nylon Inserted Lock Nut	1/4-20UNC	2
PBAND1412-175-6-7	1412-607	Fixed Plate		1
PBAND1412-175-6-8	1412-608	Wheel Bracket		1
PBAND1412-175-6-9	1412-609	DU Bearing	MB1620DU	1
PBAND1412-175-6-10	1412-610	Spring		1
PBAND1412-175-6-11	1412-611	Caster		1
PBAND1412-175-6-12	1412-612	Spacer		2
PBAND1412-175-6-13	1412-613	Flat Washer	M5	1
PBAND1412-175-6-14	1412-614	Screw	M5x0.8x20mm	1
PBAND1412-175-6-15	1412-615	Connecting Plate		2
PBAND1412-175-6-16	1412-616	Foot Pedal		1
PBAND1412-175-6-17	1412-617	Socket Head Button Screw	1/4-20UNCx3/8"	2
PBAND1412-175-6-18	1412-618	Plate		1
PBAND1412-175-6-19	1412-619	Spacer		2
PBAND1412-175-6-20	1412-620	Support Plate		1
PBAND1412-175-6-21	1412-621	Support Plate		1
PBAND1412-175-6-22	1412-622	Rod		1
PBAND1412-175-6-23	1412-623	Wheel		2
PBAND1412-175-6-24	1412-624	Retaining Pin	R8	2
PBAND1412-175-6-25	1412-125D	Nylon Inserted Lock Nut	M5x0.8	1
PBAND1412-175-6-26	1412-626	Bushing		2
PBAND1412-175-6-27	1412-627	Socket Head Button Screw	5/16-18UNCx3/4"	7
PBAND1412-175-6-28	1412-628	Knob		1
PBAND1412-175-6-29	1412-629	Support Plate		1
PBAND1412-175-6-30	1412-630	Hex Cap Screw	M8x1.25x70mm	1
Industrial Work Light: Optional				
PBAND1412-175-7-1	1412-701	Work Light		1
PBAND1412-175-7-2	1412-702	Screw	M4x0.7x20mm	4
PBAND1412-175-7-3	1412-703	Flat Washer	M4	4
PBAND1412-175-7-4	1412-704	Hex Nut	M4x0.7	4
PBAND1412-175-7-5	1412-705	Cable Clamp(not shown)		3