

Sawmill Equipment

Bright Wood NZ Ltd, Otautau (Western Southland) has terminated operations and is offering the mill's equipment for sale, where-is, as-is:

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| Debarker | Complete system: Salem 43+ring debarker, infeed and outfeed decks and controls. |
| Primary Breakdown | 4-strand infeed deck 900mm Wilson 3-knee servo hydraulic 5-axle carriage A&E setworks controls 75 hp carriage drive winch with like-new (100 hrs use) VF drive unit Pneumatic log turner and push arms 6-knife servo-hydraulic slab chipper with carbide saw faceplate, 7qKlamath R/H single-cut air strain bandmill |
| Secondary Breakdown | Kokums 5qR/H horizontal resaw 3-way (edger, return to resaw, waste) inertia sorter, transfers, rollcases, and conveyors |
| | Ukiah 6x48 top arbor (#3 spline) gang edger with 26+saws 6M capacity infeed and outfeed systems, clean-out sawdust conveyor |
| | Schurman 6TA48 (6+depth of cut) 4-saw board edger w/ 26+collared saws A&E servo-hydraulic setworks and controls. 6M capacity Infeed and outfeed systems |
| Chip System | Precision Husky 66+disk chipper, horizontal feed and bottom discharge Vibrating conveyor to feed chipper. Jaymore metal detector 8x8q3-deck shaker screen and associated conveyors Long tube-belt conveyor to transport slab chipper chips to the chip screen. Tube-belt chip conveyor to transport screened chip to bin. Large silo-type chip storage bin with belt discharge to load truck. Stores approx 30 tn RP chip Klockner horizontal feed drum chipper (rebuilt 2016) Infeed belt and auger conveyor discharge system. |
| Waste handling systems | Multiple conveyors and troughing belts discharging sawdust from breakdown machines out of mill Windsor HP pneumatic waste handling system with shaker screen/surge bin feeding rotary valve and into 8+HP line running overhead to green fuel building (boiler fuel) |
| Air compressors | Atlas-Copco GA75 (750 CFM) Atlas-Copco GA50 (500 CFM) |
| Sawshop | #4 and #6 Armstrong R/H bandsaw grinders, air swage Alligator automatic leveller Two manual levelling bench blocks Full carbide shop: Wright Top/Face grinder, dual side grinder, and tipping equipment Vertical end mill for surfacing bandsaw cartridge guides Full compliment of babbit guide casting and milling tooling |
| Green Sorting | Heavy duty spiral rollcase w/ VF drive to even-end lumber discharging from docking system 4-strand pull chain with roller-back chain on both outside strands 10 dead-roll rollcases Green Chain building: 6-truss roof approximately 55m x 20m |
| Motor Controls | Wide array of motor starters, electrical disconnects panels, and VF drive units for mill equipment. |
| Boiler | Easteel 7.5MW waste-fired hot water boiler, nitrogen pressure system, 75kw Gould hot water circulation pump, backed-up by Hatz air-cooled diesel emergency power. System features dual cyclone hot air pre-drying loop for green fuel, green fuel reclaim equipment and conveyors, separate dry fuel (planer shavings) system, and multiple VF drive units to modulate software-driven fan and conveyor speeds to control combustion and heat output. |
| Fillet Machine | LSI 6M timber stacker, S-drive infeed deck, unscrambler, and electrical/hydraulic automatic stacker and S-drive outfeed deck. Can also be used to stack timber without filleting or de-fillet dry timber into solid packages. Atlas-Copco GA5 (50 CFM) rotary air compressor, A-B PLC controlled Kiln fillet sticks: tens of thousands of hardwood sticks 20mm x 30mm x 1370mm |
| Dry Kilns | 3-Wellons 32M double-track medium temperature kilns, controls, and VF drives for 10 fans/kiln 200-250M ³ /charge, thickness dependent. Kiln weights: 32mm x 1200mm x 5000mm steel plate |

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| | Kiln trolleys: 1830mm ga., 4850mm x 2770mm, 8-200mm cast wheels per trolley |
| Planer | Diehl 5-head moulder, 300mm width, all tooling Hydraulic scissor-lift Weinig knife grinder: grinds knives while in heads. Noise enclosure and blowpiping. Atlas-Copco GA22 rotary compressor (needs O/H) |
| Pull Chain | 4-strand 78 chain sorting chain with side dead-rolls. 14-sort capacity. |
| Misc Equipment | Small precision double-end 2-saw docking adjustable length of cut up to 2.4M length capacity Two 15cm width-of-cut chop/jump saws 25cm width-of-cut chop/jump saw Wadkin straight-line 25hp rip saw, dip-chain type feed, large enough to rip plywood/MDF sheets |
| Pneumatic waste system | Low pressure pneumatic waste system: large primary fan evacuated planer shavings (planer sent to USA) into two small high-efficiency cyclones that discharged into infeed of booster fan inlet that blew shavings approx 100M into cyclone atop dry shavings building that stored dry boiler fuel. |
| Strapping Tools | Signode 32mm pneumatic seal-less banding tool Two Signode 19mm pneumatic seal-less banding tool Multiple seal-less hand banding tools, 19mm and 32mm |
| Rolling Stock | 2003 Kawasaki Z90, Ensign forks, 25,000 hours 2016 Crown 5T cab, duals, fork positioners 1,400 hrs Fiat-Allis front-end loader, approx 1.5M bucket capacity Massey Ferguson diesel wheel tractor with hydraulic rotary broom attachment Bedford petrol flatbed tipper |
| Machine Shop & Workshop | Complete mechanical and electrical workshops and shop supplies Lathe: Tos Trencin SV 18 RA, 175 CH, 1300 BC, 3&4-jaw chucks and tooling Lathe: Colchester Triumph 175 CH, 1100 BC, 3&4-jaw chucks & face plate End Mill: Lindeteves-Jacoberg. 1200 x 300 table, 12-speed 40-2000 RPM, tooling |
| Portable buildings | Portacom-type office building, 2900mm x 4800mm 20q container converted to smoko room with small toilet/basin in one end, benchtops and zip 40qHC container converted into two office suites and one storage room on door end, wired for single phase, phone, and ADSL. |
| Uninstalled miscellaneous equipment | 60x10cm Esterer bottom arbor edger Breast bench w/ powered rolls and stacked air networks Breast bench w/ manual feed and turret-type networks Small Ferrari twin tilting-table resaw (reman type machine) Large, heavy sawmill setting linebar system for secondary sawmill breakdown resaw Several belt and chain conveyors of various sizes Like-new double-end docking system and clean-out belt. Large 50hp double circle scragg mill designed to produce two flat sides on peeled posts. 2.5M dip tank, used to boron treat peeler cores and studs Large Stihl chainsaw set-up to work like an Alaska sawmill used here to reduce over-sized logs into a size we could get into the mill and under the saw guide. |

For more information:

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