

MAJOR TIMBER INDUSTRY CONTRACTS COMPLETED OVER THE LAST FEW YEARS

Wesbeam Pty Ltd	Complete log yard.
TASCO	Drymill including moulder and destacking facility.
Carter Holt Harvey	Optimised docking line with re-entry option.
Weyerhaeuser	Two high speed optimized docking saws.
Australian Treated Pine	Tilt hoist, stacker, twin band resaw for chipper/canter line.
Auspine	Stacking system for horizontal resaws incorporating pack handling system for strapper.
CHH Tasman Pulpmill Kawerau, New Zealand	Truck dump chip handling plant.
Claymark Sawmills Ltd Katikati, New Zealand	New automatic debarking plant includes log infeed decks and conveyors.
Weyerhaeuser Pty Ltd Caboolture, Australia	SCE/ASM multi dropsaw trimmer and 30 bay slingsorter plant.
Juken Nissho Kaitaia, New Zealand	Automatic debarking/bucking plant and short board edger.
Weyerhaeuser Pty Ltd Tumut, Australia	SCE/CAE Log Carriage, SCE/McDonough 72" band headrig, SCE/Inovec 3D Optimiser
Nelson Pine Industries Nelson, New Zealand	Log billet cutting system, log conditioning baths and 2 log handling cranes plus billet infeed system to the rotary lathe.
Carter Holt Harvey Whangarei, New Zealand	Billet handling system and veneer lay-up Whangarei feeder system for Carter Mill.
Carter Holt Harvey Tokoroa, New Zealand	Installation and commissioning of McGhee 12" double arbor gang edger, complete with infeed rollcase and transfer.
Marusumi Whangarei Ltd Whangarei, New Zealand	Short/Binwood log deck.
R H Tregoweth Te Kuiti, New Zealand	High Strain 60" SCE bandresaw plant.

MAJOR CONTRACTS COMPLETED....CONTINUED

Green Triangle Forest Products Mt Gambier, S.A., Australia	Turn key project of CAE 1436 Log Carriage with Inovec Yieldmaster optimisation system. Including hydraulic log turner loading arms and new operator control cabin.
Associated Kiln Driers	High speed 15 Bay dry mill sling sorter.
CM Timbers Colac, VIC, Australia	Moulder infeed accelerator.
CM Timbers Geelong, VIC, Australia	Moulder infeed accelerator and outfeed system.
Queensland Sawmills QLD, Australia	System TM Opti-Kap optimised docking saw.
Stillwater Lumber Stillwater, New Zealand	System TM Opti-Kap optimised docking saw
Stillwater Lumber Stillwater, New Zealand	Stenner MHS10 4 head horizontal resaw and infeed system.
Coffs Harbour Hardwoods Coffs Harbour, NSW, Australia	System TM Opti-Kap optimised docking saw.
Coffs Harbour Hardwoods Coffs Harbour, NSW, Australia	Supply Wadkin moulders and grinders and tooling.
CM Timbers Colac, VIC, Australia	System TM Opti-Kap optimised docking saw.
M&M Milling Whangarei, New Zealand	System TM Opti-Kap optimised docking saw.
TW Outdoor Timber Bayswater, VIC, Australia	Stenner MHS9 quad head horizontal resaw.
Westco Lagan Hokitika, New Zealand	Turnkey project of SCE 1 fixed and 4 moving saw reverse rotation edger with infeed, Inovec Setmaster networks and outfeeds. Inovec Setmaster resaw networks and resaw outfeed.
New Zealand Timber Processors New Zealand	Design and manufacture complete planer outfeed system including planer outfeed belt with tipping conveyor and longitudinal sorting transfer.

MAJOR CONTRACTS COMPLETED....CONTINUED

Carter Holt Harvey Putaruru, New Zealand	Manufacture sapstain dipping plant including packet infeed deck, infeed conveyors, dipping tank with oscillating motion control, outfeed conveyor and packet drain transfers.
Southpine Nelson Nelson	Manufacture and install McDonough automated resaw infeed system, linebar resaw with twin hobs and resaw outfeed system.
Fletcher Challenge Forests Kaiangaroa Log Merchandising Plant Kaiangaroa, New Zealand	Manufacture and install log infeed conveyor, side transfer conveyors, 3 high speed log cutoff saws and outfeed singulating conveyor
New Zealand Moulding Company Mosgiel, New Zealand	Design, manufacture and commission a planer moulder infeed and outfeed handling system to run short lengths up to 100m/min.
Fletcher Challenge Forests Mt Maunganui, New Zealand	Design and manufacture of sapstain spray plant and equipment.
New Zealand Timber Processors New Zealand	Design and manufacture complete planer outfeed system including planer outfeed belt with tipping conveyor and longitudinal sorting transfer.
Kiwi Lumber Company Limited New Zealand	SCE 150 x 900 splined arbor edger combined with moving saw gang with high speed infeed table with spotting chains, line bar and feed hob.
Juken Nissho New Zealand	Manufacture new secondary log yard equipment including log infeed decks, twin chain cutoff saws and outfeed sorting transfers.
Carter Holt Harvey Nelson, New Zealand	Manufacture planer infeed and outfeed system including infeed transfer, high speed feed table, outfeed transfer system.
Pan Pac Napier, New Zealand	Manufacture sapstain dipping plant including packet infeed deck, infeed conveyors, dipping tank with oscillating motion control, outfeed conveyor and packet drain transfers.
CSR Pine Mouldings Mt Gambier, S.A., Australia	Planer outfeed, vacuum stacker. Grecon Colour Grade Scanning System and component sorting distribution system.
Tachikawa Forest Products Rotorua, New Zealand	Design and manufacture SCE 70 x 900 multi saw edger. Edger infeed and outfeed installation of twin board resaw and centre cut bandsaw.

MAJOR CONTRACTS COMPLETED....CONTINUED

Fletcher Challenge Forests Kawerau	Design and manufacture complete remanufacturing plant, including new Planer Line, Finger Jointer Line, Defecting Saw Line and Ferrari Twin Resaw Line.
Blue Mountain Lumber Gore, New Zealand	Manufacture, install and commission CAE 1436 4 headblock log carriage and Inovec scanning system.
Tongariro Timber Co. Limited	Manufacture, install and commission 3 headblock SCE log carriage complete with INOVEC Tapermaster Setworks, 72" bandmill, feedworks winch.
Claymark Industries Katikati Sawmill Katikati, New Zealand	Sawmill upgrade including SCE 215x1400 splined arbor edger complete with Infeed and outfeed system, conveyors and transfers and waste system.
Taranaki Sawmills Ltd	Manufacture, install and commission SCE 4 headblock SCE log carriage complete with Inovec Yieldmaster scanning system & CAE Ahlstrom PH700 headrig slabber.
Kopara Sawmilling Co	Manufacture and install SCE Edger 150 x 900 complete with Infeed, outfeed & waste systems.
McAlpines Rangiora Limited Rangiora, New Zealand	Manufacture, install and commission 4 headblock SCE log carriage complete with INOVEC Yieldmaster scanning system and CAE Ahlstrom PH700 headrig slabber.
Carter Holt Harvey Kinleith, New Zealand	Overhaul Brunette log debarker. Design, manufacture, install and commission log infeed and outfeed conveyors complete with log cutoff saws, bark waste conveyors, walkways and handrails.
Juken Nissho Ltd Kaitaia, New Zealand	Design, manufacture, install and commission complete log infeed, log debarking & log outfeed handling system complete with log cutoff saws, log clamps and log conveyors.
Juken Nissho Ltd Gisborne, New Zealand	Manufacture and supply NRB1150 Fuji/SCE log debarker & Fuji Shredders including handling conveyors and site installation.
Juken Nissho Ltd Masterton, New Zealand	Design and manufacture log infeed and singulator, modify core stacker complete with miscellaneous lift transfers, packet transfers, table lifters and rollcases, trim saws, waste belts etc.

MAJOR CONTRACTS COMPLETED....CONTINUED

Tachikawa Forest Products Rotorua, New Zealand	Design, manufacture and install complete log infeed system comprising of log deck, log singulator, debarker infeed, Fuji/SCE 770 ring debarker, debarker outfeed, bark waste conveyors, horizontal infeed rollcase, horizontal outfeed rollcase, combination edger 185x1500mm complete with infeed and outfeed systems.
McAlpines Rotorua Ltd, Rotorua, New Zealand	Design, manufacture and install complete front end of sawmill comprising of log infeed system, 4 headblock SCE carriage complete with Inovec Yieldmaster scanning, carriage rails, feedworks winch, CAE 72" bandmill.
Baigent Forest Industries	Manufacture and install CAE centering roll sharp chain, chain feed system and CAE/Ahlstrom PH700 chipper canter.
McAlpines Rotorua Ltd Rotorua, New Zealand	Manufacture and install SCE 150 x 900 splined arbor edger combined moving saw gang saw machine.
Juken Nissho Ltd Masterton, New Zealand	Design, manufacture and install log debarking complex comprising of Fuji NRB950, ring debarker, log infeed decks, log inhaul chain, 2 Log kickoffs with decks, log distribution conveyor, log and waste wood chippers, veneer and bark shredders, multi saw edgers, timber handling conveyors including rollcases, transfers and scissor lifts.
Blue Mountain Lumber, Gore, New Zealand	Design, manufacture and install Valley Trimmer system.
Forestry Corporation (NZ) Waipa Sawmill Waipa, New Zealand	Manufacture and install CAE 84" slant bandmill, slant log carriage with INOVEC full optimising scanning networks, PH700 rise and fall headrig slabber.
ACI Timbers Ltd Australia	72" slant bandmill, slant log carriage with headrig slabber.

OTHER PROJECTS

Port Otago Dunedin, New Zealand	Raise two container cranes 6m.
New Zealand Aluminium Smelter Invercargill, New Zealand	135T SWL mobile overhead travelling crane.
Marusumi Whangarei, New Zealand	Woodchip Stockpiling and Shiploading Complex. 760 tonnes per hour at Whangarei Port, design and build.
Steel & Tube Auckland, New Zealand	Thirteen high speed 25 meter span 28 and 12 tonne overhead Konecranes for the Steel & Tube Auckland Warehouse.
NZ Aluminium Smelter Invercargill, New Zealand	18/5 twin hoist x 30m span overhead remote control crane.
NZ Aluminium Smelter Invercargill, New Zealand	48 Busbar and Anode Beams, 1000 tonnes of heavy aluminium fabrication and jig.
Winstone Wallboards Christchurch, New Zealand	Design, manufacture and install board transfer conveyor, board bundler, board feeder, automatic feed system, pallet hoists, extraction system, air reticulation and design engineering.
Genesis Power Ltd Tokaanu, New Zealand	Screen Cleaner Upgrade – Tokaanu Power Station
Skellerup Base Isolation New Zealand	2000T Seismic Bearing Test Press.
FDI New Zealand	Muck Conveyor - 830 tonnes per hour, 270m long complete with 100m span bridge.
FDI New Zealand	Overhead Cranes - 2 x 20 Tonne, 1 x 10 Tonne Twin Girder.
ECNZ	Automatic Screen Cleaner for Aratiatia Power Station.
ECNZ	Automatic Screen Cleaner for Ohakuri Power Station.

OTHER CONTRACTS COMPLETED....CONTINUED

ECNZ	Automatic Screen Cleaner for Wairehu Canal.
Marusumi Whangarei, New Zealand	Woodchip Stockpiling and Shiploading Complex. 760 tonnes per hour at Whangarei Port, design and build.
Marusumi Whangarei, New Zealand	SCE/Progress 100TPH Chipmill Plant.
Centre Port	Container Crane 'B' Upgrade.
NZ Aluminium Smelter	Liquid Pitch Monorail Beam, 1.9 kilometres long all galvanised.
NZ Antarctic Project	Sea Bed Core Sampling Drilling Rig.
Lyttelton Port Company	Alterations and extensions to Coal Handling Conveyor System.
Roxburgh Power Project	Stoplog Gate Replacement Running Gear.
Steel & Tube	10 and 6 tonne Overhead Travelling Cranes.
Comalco Carter Holt, Auckland	Aluminium Remelt Plant.
Doppelmayr Lifts (NZ) Ltd Ruapehu, New Zealand	Ski Tow Terminal Stations and Towers.
Museum of New Zealand	Earthquakes Bearings, Plate Fabrications.
Waste Technology Hamilton/London	Waste Incinerator
Shell Oil NZ Ltd	6 Holding tanks including Support Structures, Pipework and Installation.
Winstone Wallboards (Auckland)	Board Line.
Christchurch Readymix Concrete	Cement Silo Support Structure, Screw Conveyors, Walkways and Ladders.
Works & Consultancy	Antarctic Telecom Satellite Dome Base Frame.
Waste Technology	Waste Incinerators Auckland/Wellington/Australia.
Doppelmayr Lifts (NI) Ltd	Quad Ski Lift for Mt Hutt.

OTHER CONTRACTS COMPLETED....CONTINUED

Powerbuild NZ Ltd	HVDC Transmission Line Refurbishment.
M Cables NZ Ltd Golden Bay Cement	Rotary Payoff Machine. 500 tonne Cement Silo Installation.
Milburn NZ Ltd New Zealand	5000 tonne Cement Silo and Cement Supply Pipeline at Lyttelton.
Taylors Lime New Zealand	430/70 Tonne Silo.
Taylors Lime New Zealand	Stainless Steel Kiln Liners.