

SLAVE LAKE - OSB PLANT #6

The mill was originally commissioned in 1975 but has since all been upgraded excepting for metal base in press line. NOTE: Mill upgrades are such that only sixteen (16) men work force now needed per shift.

LOG DECK

(One (1) man operation from computerized control booth)

Consists of:

- Three (3) thaw ponds, all 150' long, steel lined with 1997 BARTER heaters.
- Full tree length 8' interval log slashing system.
- Complete 8' log conveyor system into enclosed wood room.
- By-pass waste conveyor system etc.
- Additionally included is outside Japanese FUJI KING Drum debarker to recover all broken ends/logs and transfer to Wood Room for prime use.

NOTE: Above System processes 410,000 M3 wood/yr

WOOD ROOM

(One man operation and all remote controlled. Nearly all new equipment from year 1997 and up, at cost of approx. CAN\$10 million)

Consists of:

- Volume scanner
- 27" NICOLSON Debarker (Average processing 1 x 8' log 4 seconds.)
- CARMAMAH STRANDER 1200HP (One (1) m3 of wood per stroke. c/w 6 metre, 44 knife, REFORM Line Grinder.)
- BROOKS Boiler 400lbs Pressure (Recently past all Canadian Government inspections.)
- 2 Dryers (c/w 42" pipe line that "sucks" chips to Production Room

PRODUCTION ROOM

(Recent up-graded at cost of approx CAN\$9 million)

- Strands arrive from 42" pipe into two dry screens then through 5000m³ dry bins (12MT/hr)
- Strands enter new two (2) 2002 COIL (Vancouver BC Manufactured) G-111 face blenders where strands are "dry" mixed with heat activated powder resin. (Complete wet line system in-place if operator prefers wet resin. Mill production manager advises powder easier to handle than liquid resin.) New blender system allows operator to "blow" powder into blenders for accurate mix-control of every strand batch.
- Press line has all been upgraded except to "cookie sheet" 4' x8" 48 sheets per cycle. "Dumb" metal base is all that remains of original press system.
- Forming heads for Orientation installed in 1986 by SCHENK
- Equipment has recovery reject system
- 24 Multi-Opening Platinum Loaders. Automated loading system – no wasted time.
- System has a unifying 3,000 constant 3,000 pressure system that provide a finished product that assures every board is exactly same desired thickness...better than even newer presses in this regard.

NOTE: After press there is a system to turn reject boards into dunnage.

- Edger Trimmer and Tongue and Groove machine.
- Older but very Solid KIMWOOD sander. (Recent Smithway CAN\$200,000 refurbishing.)
- Robotic Arm installed in 2007 at a cost of over CAN\$1 million...replaced four workmen. Machine performs wrapping, packaging, stenciling and strapping.

STAND-BY GENERATOR

Emergency power system comes with sale. 12 cylinder CAT-398T diesel engine. 1000KVA 600AMP KATO generator. Power enough to run whole plant in case of lose of main electricity source.

ELECTRICAL EQUIPMENT

All main electrical equipment throughout plant was manufactured by ALLEN BRADLEY.