Equipment Looking for a New Home

All of the attached equipment is from the University of Alaska Fairbanks Sitka Forest Products Program. The equipment is currently located at the UAF Matanuska Experiment Farm & Extension Center in Palmer, Alaska.

Purchasing
- If an individual or a company wants to buy any of the attached equipment, we can sell it through the Gov. Deals online auction site (see [https://www.govdeals.com/](https://www.govdeals.com/)).
- If a nonprofit organization wants any of the attached equipment, we can simply transfer it to that organization.

About the Equipment
The running condition of all items is unknown. Attached you will find a picture of the equipment along with stock pictures from the internet showing exactly what the item is.

Contact Information
We hope this equipment finds a new home where someone can use it! For more information or to purchase an item, please contact:

Jim Ericksen
(907)745-4866
Jlericksen@alaska.edu
List of Equipment

➢ 40ft. Kiln
➢ CKM Finger Joint System
➢ Metriguard Tension Proof Tester - model 403
➢ Jeffer JC-312 Profile Grinder
➢ Metriguard Bending Proof Tester - model 312
➢ 4-Sided Planer
➢ Blower
➢ Dust Collector
➢ Bridgewood 16” Planer
➢ Woods Universal Cutter Head Grinder
➢ Bridgewood 16” Planer
➢ Yates American 24” Planer - model B244
➢ Clamps
**Kiln**

**Description:** The Kiln appears to be a repurposed 40ft Connex. The condition of the Heat plant and electrical components is unknown.
Finger Joining System by CKM

**Description:** The units are CKM A-06 (Assemble Press), CKM-F-C52 (Finger Shaper), and a gluing unit. Current working conditions are unknown.
### Finger Shaper

<table>
<thead>
<tr>
<th>Model</th>
<th>F-CS1 (Left) / F-CS2 (Right)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. available width working table</td>
<td>17 21/32&quot; (450 mm)</td>
</tr>
<tr>
<td>Range of material length</td>
<td>4 1/2&quot; ~ 39 1/16&quot; (115 ~ 1000 mm)</td>
</tr>
<tr>
<td>Range of material width</td>
<td>1&quot; ~ 6 9/32&quot; (25 ~ 160 mm)</td>
</tr>
</tbody>
</table>

**Power Required**

- **For trimming saw**: 5HP (3ph), 5HP (1ph)
- **For finger cutter**: 10HP (3ph), 7 1/2HP (1ph)
- **Dust outlet diameter**: 6" x 1, 4" x 2
- **Machine dimensions (LxWxH)**: 70" x 33" x 55" (1780 x 840 x 1400 mm)
- **Packing dimensions (LxWxH)**: 74" x 37" x 61" (1860 x 940 x 1560 mm)
- **Net weight**: 740 Kgs
- **Gross weight**: 820 Kgs

### Gluing Unit

<table>
<thead>
<tr>
<th>Model</th>
<th>F-G01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. workplace width</td>
<td>6&quot; (152 mm)</td>
</tr>
</tbody>
</table>

**Power Required**

- **Overall dimension (LxWxH)**: 24" x 16 1/2" x 33" (610 x 420 x 840 mm)
- **Shipping dimension (LxWxH)**: 25 1/2" x 18 1/2" x 39 1/16" (650 x 470 x 1000 mm)
- **Net weight**: 78.5 Kgs
- **Gross weight**: 100 Kgs

### Assemble Press

<table>
<thead>
<tr>
<th>Model</th>
<th>F-A07</th>
</tr>
</thead>
<tbody>
<tr>
<td>Available length of product</td>
<td>177&quot; (4.5 M)</td>
</tr>
<tr>
<td>Available thickness of product</td>
<td>2 13/32&quot; (60 mm)</td>
</tr>
<tr>
<td>Available width of product</td>
<td>6 9/32&quot; (160 mm)</td>
</tr>
<tr>
<td>Max. assembly pressure</td>
<td>0 ~ 100 kg/cm²</td>
</tr>
<tr>
<td>Hydraulic power unit</td>
<td>5 HP (3ph), 3 HP (1ph)</td>
</tr>
</tbody>
</table>

**Power Required**

- **For cut-off saw**: 5HP (3ph), 5 HP (1ph)
- **Machine dimensions (LxWxH)**: 282" x 37 3/8" x 55" (7150 x 950 x 1400 mm)
- **Packing dimensions (LxWxH)**: 291" x 42" x 61" (7400 x 1065 x 1550 mm)
- **Net weight**: 1250 Kgs
- **Gross weight**: 1380 Kgs

Specifications and design are subject to change without notice.

- 5HP Air compressor is suggested.
- Optional equipment: F-D05 roller table.
Production Flow Chart

DIMENSIONAL DRAWING
Metriguard Tension Proof Tester - Model 403

Description: Working condition unknown.
The Model 403 Tension Proof Tester is designed for testing the tensile strength of materials. It applies a load to the sample and measures the elongation of the material. The tester is equipped with a digital readout and can accommodate samples up to 1200 mm (47.24") in length and 75 mm (2.95") in width. The maximum load capacity is 1000 kgf (2204.62 lb). The tester can be used for a variety of applications, including testing of fabrics, rubber, and plastics. It is also equipped with a digital display and a chart recorder for data recording. The tester is designed to meet the requirements of various international standards, including EN ISO 527 and ASTM D 638. The Model 403 Tension Proof Tester is an ideal tool for laboratories and industries requiring high precision and reliability in their testing processes.
Jeffer JC-312 Profile Grinder

**Description:** Used for grinding and machining, molding blades, carving blades, etc. This has a 2 Hp motor.
**Metriguard Bending Proof Tester - Model 312**

**Description:** Used for measuring modulus of elasticity and the ultimate bending strength of dimension lumber. Power requirements - 115 Vac
4-Sided Planer

**Description:** Manufacturer name unknown. This is a very heavy unit, and the working condition is unknown.
Blower

**Description:** This has a 5 h.p. Motor, 3 phase, 230/460 volts. Working conditions are unknown.
Dust Collector - Model PB-10052

**Description:** From the International Industrial Fan Inc. Operating RPM - 3550, Motor hp - 5, volts - 230/460, phase 3. Working condition unknown.
WARNING: Improper use or maintenance of this unit may result in serious personal injury, or damage. Read and follow instructions BEFORE attempting periodic lubrication and service of fan. Explosive failure may result from exceeding maximum RPM or Maximum temperature. Do not operate without guards in place. Not for use in hazardous location.

INTERNATIONAL INDUSTRIAL FAN INC.

SOUTH BOSTON VIRGINIA 24592

For maintenance and operating instructions — 24 Hours/Day — Call 800-7-FANFAX
Description: Model BW-16PV, phase 3, 3 h.p., 220 volts.
Woods Universal Cutter Head Grinder

**Description:** Used for accurately and uniformly grinding the knives of side-heads and profiler heads. Working condition unknown.
Bridgewood 16” Planer

**Description:** Model unknown. This has 2 side-cutting heads that each have a 5 hp, 220/440 volts, 3 phase motor.
Yates American 24” Planer

Description: Model B244. This has a 7 ½ hp, 220/440 volt, 3 phase motor. Working condition is unknown.
Clamps

Description: These clamps have a 7” wide end plate and a 28: opening. The box on the pallet (see below picture) is full of them and there are more on other pallets.