



## International Forest Products Limited

### WESTERN RED CEDAR DIVISION

20580 MAPLE CRESCENT, MAPLE RIDGE, B.C. CANADA V2X 1 B1

Hammond Division: (604) 465-5401 Fax (604) 465-2218

McDonald Division: (604) 882-2805 Fax (604) 882-2808

Albion Division: (604) 463-4234 Fax (604) 463-7865



Vancouver Gear Works Ltd.  
14551 Burrows Rd.  
Richmond, BC  
V6V 1K9

February 17, 2005

### **SUBJECT: ULTRATECH UNIVERSAL SAW ARBOR SYSTEM**

Sirs,

It has now been five years since we first installed the UltraTech arbor system. The improvements on deviation, maintenance and downtime that we found using the UltraTech arbor made us quickly realize that all of our other 4 sawing lines (5 lines in total) had to be converted.

These are just some of the cost savings that the mill has occurred from using the UltraTech arbor.

#### **Deviation:**

In the original test that was done on our # 1 gang edger, showed a deviation reduction of 0.015".

#### **Kerf & Target Size Reduction:**

##### **# 4 Edger**

Went from 0.120" saw plate to 0.110", also changed our kerf from 0.170" to 0.150"  
Reduction Totalling 0.020"

##### **# 1 Gang**

Went from 0.170" kerf to 0.160", and reduced target size by 0.005"  
Reduction Totalling 0.015"

##### **# 2 Gang**

Went from 0.125" kerf to 0.120", and reduced target size by 0.005"  
Reduction totalling 0.010"

#### **Arbor and Sleeve Maintenance and Consumption:**

Current results from the UltraTech arbor systems;

##### **# 1 Edger**

- ULTRATECH arbor install January 2000
- Sleeve change April 2003
- Sleeve change February 2005
- Check Mandrel for bending February 2005 (no bending issues)

##### **# 1 Gang**

- ULTRATECH arbor installed January 2001
- Relocate sleeves August 5, 2002
- Relocate sleeves October 2003
- Relocate sleeves November 2004

##### **# 2 Gang USNR**

- ULTRATECH arbor installed July 2002
- Relocate sleeves March 2003
- Relocate sleeves October 2003
- Relocate sleeves November 2004



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**Note:** The #2 Gang USNR Edger was installed in July 2002 from the OEM with the UltraTech arbor system installed.

With the old solid arbor system it took 2 men, 4 hours to reposition the arbor for a new saw running area. This procedure had to be done every 4 months for a total of 3 times before the arbor had to be replaced at a cost of approximately \$5,000.00.

Now the UltraTech allows us to use 1 man for 1 hour to relocate the sleeves. Because of the sleeves size and spacers we now have 6 saw running areas on the arbor instead of 3.

Since the UltraTech system is performing at such a high level, it is saving us time and increasing profits for the mill. The UltraTech arbor has proven itself time and time again, and we shall continue to use the UltraTech arbor system even when installing new equipment.

Yours truly,

Mike Pastorek  
Head Saw Filer

(604) 465-2255