



## 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



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

Subject: Ultra-Tech Universal Saw Arbor System

Sirs,

I would like to share some of the benefits that we have had with the Ultra-Tech Universal Arbor System.

We were first approached in 1999 to do some field-testing on the Ultra-Tech Arbor. The results were most positive. In our economic analysis from January to August 2000, it was determined that there was an increase in profits of \$147,725.00, this was do to increased recovery of the lumber and chips and did not include maintenance labour and saw reduction savings.

Because of increased saw stabilization due to the Ultra-Tech Arbor, we have seen a great reduction of saw eye wear. This reduction of saw eye wear was due to the controlled backlash clearance between the arbor and saw eye. Also with this saw stabilization there was less wear on the guides and an increase in saw blade life, resulting in a decreased yearly saw blade consumption.

The benefit of the Ultra-Tech Sleeves was that we were able to adjust (relocate the sleeves on the mandrel shaft to allow the saw to run on a new surface that had not been worn out by the saw), instead of moving the entire arbor. This meant that there was a decrease in labour, as it took 6 hours to readjust the solid arbor compared to 1 hour to move the sleeves. Two more items to note: 1) We could only adjust the solid arbor for a maximum of 3 times and the Ultra-Tech Sleeved Arbor we could adjust it 6 times. This in itself doubled the life of the system on just moves alone. 2) Because of the Ultra-Tech Arbor design we have noticed that the wear rate of the Ultra-Tech Sleeves, seem to be at a much slower rate.

Since the initial installation of the test Ultra-Tech Arbor we have now changed all of our sawing lines over (total of 6). We will continue to use the Ultra-Tech Arbor and make it a must for any new saw line equipment

Yours truly,

Mike Pastorek  
Head Saw Filer