

## SAVE YOUR SHAFT!!

Why buy when you can **repair**?

The repair process used by  
**Hamilton's Industrial Machine Shop**  
is used worldwide and is recognized  
by industry leaders such as Komatsu.

## STATE OF THE ART CRANKSHAFT REPAIR



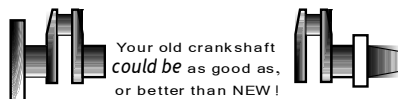
HAMILTON'S INDUSTRIAL  
MACHINE SHOP LTD.

*"Your partner in Jamaica's Industrial Development"*

Is *this* how your crankshaft looks?



**WE CAN HELP!**



**HAMILTON'S INDUSTRIAL MACHINE SHOP**

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**CALL :**  
**( 8 7 6 ) 9 7 9 - 7 6 1 0**

## HIMS CRANKSHAFT REPAIR

Our **Crankshaft Rebuilding Process** is a positive and reliable process for the rebuilding of crankshafts for **automotive and heavy diesel engines**, with the capability to handle industrial straight shafts as well.

This rebuilding process should not be confused with metallizing which was previously available but had an excessively high failure rate on most applications.

This is **state of the art** submerged arc welding technology that uses an exclusive combination of unique welding materials and special application methods to fuse special alloys to the damaged journals.



Controlled rebuilding of a crankshaft

### IT'S RELIABLE

It is suitable for the most demanding heavy equipment induction hardened crankshafts on the market, such as **Caterpillar, Komatsu, Detroit, Diesel and Cummins**.

If the crankshaft is bent, the journals worn out excessively or the hardness burnt out, it will be no problem to **straighten AND rebuild** to original OEM specs or better.

Generally, **wearability** of the journal surfaces, **flexibility** of the radius areas and **overall strength of the rebuilt crankshaft will exceed** manufacturers' specifications.

The process has the ability to deliver a perfect finish without pits and cracks for the crank radius journal and thrust areas.



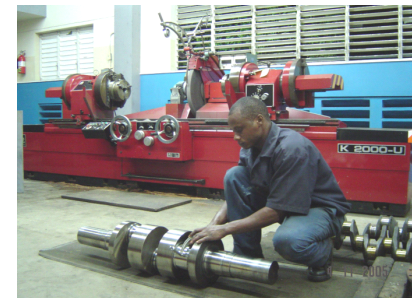
Accurate straightening of a crankshaft with compound bends



High-precision grinding of main and conrod journals

### IT'S COST EFFECTIVE

The cost of a new or used crankshaft can't compete with the price you pay to get your shaft **better than new!**



Refurbished crankshaft that is no longer available from the manufacturer

### HIMS

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