

# FTZ Engine Building

*What sets us apart from the rest?*

Our 18 years of business experience building winning motors for Micro-Sprints, Flattrack & T.T., Ice Racing, Sand & Dirt Drag, Hillclimbing, Motocross & Cross country should count for something. But we think it is the fact that we follow our own ideas; not copy everyone else's, that puts our products and services in the lead. Our innovations such as the Booster jet carb, our pipe designs, our head shapes, and our ignition systems are unlike anything else available. *It comes down to this*, we can build you a motor with superior power and the widest powerband available because of our experience, our extensive dyno testing, and our desire to see you win with it! We work hard to ensure you will not race against a superior motor!

How to do it? Call us and we can give you recommendations and options for your particular motor. We can give you a fairly accurate quote over the phone. Then just box it up and ship UPS or other carrier. A good trick is to put the motor box inside another bigger box with wadded up newspapers or styrofoam beadboard between the two boxes for cushioning.

Most people will get the porting & polishing done, have a FTZ head or domes fit, and assemble with our reed cage/intake and a new piston if needed. Adding our pipe and carb will make a matched package. Many will get the bottom end rebuilt with new bearings, seals, gaskets, etc. or one of the stroker conversions. Our turnaround varies but often takes only 2 to 3 weeks. You can use your credit card, pre-pay or we can ship COD-bank check or money order. A deposit may be required for certain jobs. Call Us!

## FTZ 250 STROKER MOTOR PACKAGES

### HONDA STROKER MOTOR PACKAGES-

Send your bottom end to us to have rebuilt as a FTZ Stroker motor! We split the cases and rebuild with our

unique "longrod" stroker crank and all new bearings, seals & gaskets. A new top end is made to fit and modified to the max. Here are a few popular packages:

*Similar work can be done on Suzuki & Kawasaki 250's*

### HONDA TRX 400R MONSTER MOTOR

**You want big? Here it is!**

We take your 250R cases, weld them up and completely remachine to fit a heavily modified Honda 400 Pilot top end. We then fit our long rod stroker crank, do the port and head-work and race assemble- ready to put in your bike. The result is just under 400cc and makes awesome power on gas or even more on alcohol.

**Monster motor work** complete with new stroker, bearings, seals, gaskets, ported & modified top end.



**This package has been replaced by the new custom CP topends-call!**

### CR/TRX "HYBRID" STROKER 250

**Big Top-End Power!!**

**-Brings the 250R Fourtrax into the 21st Century**

This is a legal 250 stroker using a cross or "Hybrid" of the new model CR250 Cylinder adapted on your welded and modified 250R cases. The modern port layout is superior for making more power.



Other advantages of the CR cylinder are realized, such as better cooling and wear characteristics of the Nikasil bore. We build this motor around our long-rod stroker crank which makes it all work out and perform.

**"Hybrid" motor work** complete with new stroker crank, bearings, seals, gaskets, ported CR cylinder and FTZ head. Base Package price.....\$call

**We can supply you with a package with everything from complete new motors to top-ends to "bolt-ons" such as carbs & pipes. Call us to find what's best for you.**

Used motors are available at times.  
Call For Prices & Details.

### STROKER TRX w/Old Style CR250 Cylinder

**A great CR stroker package at a great price**

*Uses the older style CR cylinder*

With this setup, you can take advantage of many of the benefits of running a CR cylinder, such as the nikasil bore and bigger water jackets, without the trouble and expense of welding on the bottom end. We then install our long-rod 4mm stroker crank and set up the ports & head. This is a fast and reliable motor for duning, flattrack, and drag racing.

This is a legal motor for any 250cc class.

**CR250 stroker motor work** complete with new stroker crank, bearings, seals, gaskets, ported CR250 cylinder and FTZ head. Base Package price.....\$call



**We are constantly upgrading and changing our motor setups. Call for latest details**

# 573-334-5439

**Business Hours 9:00 to 6:00 Mon - Fri**  
**24 Hour Fax 573-334-0900 www.ftzracing.com**