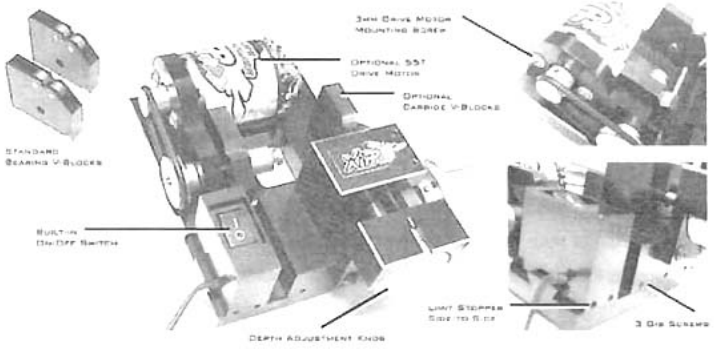
# X-MOD SUPER LATHE

**VERY IMPORTANT: READ INSTRUCTION MANUAL FIRST**

*The most accurate modified lathe developed, CAD design drastically minimize harmonic vibrations, ultra fine threads provide unsurpassed accuracy, lowest possible CG, auto alignment technology eliminate "parallel adjustment". Your new Xipp modified lathe is the smallest precision trackside lathe in the world.*

**CAUTION: YOU MUST WEAR SAFETY GLASSES OR OTHER SUITABLE EYE PROTECTION WHENEVER OPERATING THIS LATHE. *******CAUTION*********

The lathe is design for re-cutting the commutator of your racing motor. Re-cut the commutator as soon as you notice any large decrease in motor performance. Usually, 27 turns stock motor should be re-cut between 5 to 20 runs. 7 to 11 turns motor should be re-cut every 2-3 runs. 12 to 14 turns motor should be re-cut every 4-5 runs. 15 to 17 turns motor can be re-cut every 10 runs.




This machine comes standard with a carbide-cutting tool. It works well, but requires more frequent sharpening. The carbide-cutting tool will do a quality job, but it cannot match the finish of the cut or the durability you'll get from the optional diamond-cutting tool. Carbide replacement units are available from us directly. Also, we have developed a new type of diamond cutting tool (Xipp #90020) that cuts 3 times sharper than other diamond bits on the market.

If you bought a diamond cutting tool, take good care of it and it will last a long time. The diamond is extremely hard. That's what gives the commutator such an