

Metro Detroit Metalworking Club

June '08

Beginning balance	\$576.96	President	Rick Chownyk	
2007 dues income		V. President	Emil Cafarelli	
Non-dues income		Treasurer	Ken Hunt	
New balance	\$576.96	Editor/Lib	James Howard	
Expenses	-\$0.00	Publisher	John Lee	
Total on deposit	\$576.96	Webmaster	Dan Hittenmark	

DUES: \$10/yr. check to **MDMC** c/o Ken Hunt,

Macomb Community College 14500 E 12 Mile Rd, Warren, MI
Room T-142 (parking off Martin Rd East of Bunert Rd
Next meeting: June 11, 2008 (2nd Wed of every month)

President's Message

I have reviewed (many times) the plans for the club project. It is a 5 cylinder radial engine, and thank goodness Steve Huck talked me out of the gas engine! The radial will be enough of a challenge! Even the guys at work were excited about it and want to build one! I believe that the engine rotates as it runs! I am really starting to like this engine! Now this thing is a pretty good size also, with a spinning diameter of 8.5 inches and weighs in at 15+ lbs! I will have the extra sheets of prints and some material at this coming meeting for those who wish to be a part of the build team! Also, I am asking for the newer members as well as the newer machinists to get involved! There will be plenty of guidance and help available and it will be a great chance to be a part of the club mascot! Well, enough of this, we will discuss it more at the meeting!

I am running pretty thin on program ideas for the meeting...Anybody want to do a future one? Let me know.

This month's program will be cutter sharpening. I am bringing in my Darex endmill sharpener (grinder) and will explain the different parts of an endmill and what they do. I will also sharpen a few endmills. If you have a 2 or 4 flute High Speed (no carbide please) 1/2" endmill bring it in and I will show you how well this grinder works! I will bring some of mine also and sharpen them up!

If anybody would like to search out all the old engine, tractor and model show dates, I think we could post them in the newsletter. Please let me know what's going on in the Mi/Ohio/ Indiana area. Well, that about covers it, I think. See ya at the meetin' Rick

Rick's Darex endmill Sharpener ----->

MDMC Minutes of 14 April 2008

The meeting was opened by President Rick Chownyk at 7:40pm, with the introduction of a 5-year project of building a miniature machine shop by Ron Grimes. The details and hardware are from PM Research, Wellsville, NY, and require a precision tooling set, in Ron's case, by Sherline.





Ron Schmidt, demonstrated his development of a club logo formation, with graphics and metal work, assisted by Adam

Rick Chownyk requested that members with dull end mills bring them in so that he might sharpen them on a machine he will provide and demonstrate during the June meeting. He suggested also that file users use common chalk to prevent aluminum buildup on the teeth of files, rather than oil, for much easier particle removal.

Steve Huck, presented two engine choices for a club build project. One was a 5-cylinder air engine and the second was a single-cylinder engine built within a 1" plumbing tee. The membership, after discussion, voted for the 5-cylinder air engine.

James Howard, Metro Detroit Metalworking Club



Things I Miss:
\$3 / gallon gas

Robotics & Technology Club

Reminder: 1 PM on the second Saturday of the month. Location Macomb Community College South Campus T building room 142.

Contact: Donald Foren at



Karl Gross, demonstrated his finally successfully firing hit and miss engine. He started and ran it with Wal-Mart camp fuel.