

METRO DETROIT METALWORKING CLUB				AUG '05	
Beginning balance	\$193.36	President	John Osborne		
2005 dues income	\$30.00	VPresident	Emil Cafarelli		
Non-dues income	\$0.00	Treasurer	Al Campbell		
New balance	\$223.36	Editor	Brian Lawson		
Expenses	-\$25.40	Publisher	John Lee		
<b>Total on deposit</b>	<b>\$197.96</b>	Webmaster	Dan Hittenmark		
DUES: \$10/yr. check to <b>MDMC</b> c/o Al Campbell,			Macomb Community College 14500 E 12 Mile Rd, Warren, MI Room T-122 (parking off Martine Rd East of Bunert Rd <b>Next meeting: AUG 10, 2005 (2<sup>nd</sup> Wed of every month)</b>		

**President's Message:**

Greetings members. The Midwest Advanced Productivity Exposition is coming to the area. It's a free show (if you register by August 26). See machining centers, CAD/CAD, cutting tools, saws, press brakes, water jets, robot arms, punches etc. The show is September 13-15 (Tues, Wed, Thurs) at the Novi Expo Center. To register, visit [www.sme.org/midwest](http://www.sme.org/midwest) or call (800) 733-4763. I was at the last one and it's a good show. Plan on showing up when it opens at 10:00am and staying till 4:00 5:00 or 6:00 depending on the day. Parking is easy, but its also \$7 per car, so consider going in groups. I saw Adam Hermann at the last show. Perhaps I will see more of you at this one.

**Meeting Minutes July 13, 2005.** Meeting opened at 7:33 with John Osborne Chair. 16-1/2 Members, and 1 guest.

John O. gave us a nice (almost glowing) report on his trip in June to what seems sure to become an **Annual** CNC Workshop. John hit the road in enough time (he thought) to get there before dark, but a three-hour traffic jam starting at the Indiana boarder changed that. 18 miles of traffic jam. Planes and helicopters were circling. Then he spent an hour trying to find the place once he got there. At 1:00am, he slept in his van infield. The weather was **HOT HOT HOT** (98

degrees hot) all the time he was there. There was just enough breeze through the corn field at night to sleep. He was a few days late arriving at the show, but won't be late next time, for fear of missing something good. He told us the show was held in a complex that had a large pole building with lots of machinery, some of it for sale, seemingly for pretty decent prices. The other building was an old school. It was also full of machines like mills, laths, EDMs, even a waterjet. There were auctions, raffles and a barbeque. There were classes given all the time, with

subjects from basic to advanced. He learned a LOT, about people, and equipment, and CNC, and met many people that he sees or corresponds with on the internet, including two programmers that have been working together for years, and had never been face-to-face until this time!! Attendees and vendors came from all over: California, Arizona, Canada and even England. Maybe they should bill it as an international show next year. The vendors

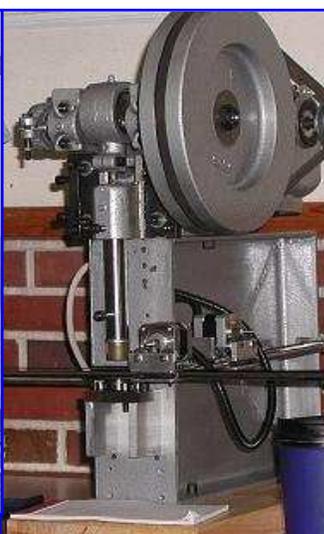
found it refreshing to see what people are doing with their offerings as the discussions on the web are mostly about problems and complaints, not successes. Rick Chownyk was there, arriving several days earlier with the famous Rick-O-Matic. He is still busy as ever, heading off to North Carolina or someplace already. Hi!! Rick, drop us a line if you get a chance! John also got to chat with people from other



*This picture shows the resourcefulness of one CNC workshop attendee. He put a lathe in a compact car!*



*Here is Rick with, of course, the Rick-O-Matic. He is giving one of his signature "cheap and free" seminars that were very well attended.*



*This is John's newest CNC metal punching machine.*

clubs like MDMC, and passed on some info as to how we do our Newsletters so they can do something similar. They were impressed with what we figured out. About 20-30 pictures are available on the following website:

[www.neme-s.org/CNC\\_Workshop/CNC\\_Workshop\\_1.htm](http://www.neme-s.org/CNC_Workshop/CNC_Workshop_1.htm)

(This needs to be typed in exactly as shown, with capitals, dash and underscores.)

Oh.... and change that to 17-1/2 Members present..... before the “business” portion was over, Jim Oleniczak joined MDMC. Business part closed at 7:50.

New members:-  
4 People paid their dues and are now members in good standing in the Detroit Metro Metalworking Club: Robert Dolando, Robert Radnick, Ronald Grimes and Jim Oleniczak. Thank you, gentlemen.

### SHOW & TELL GOOD NEWS

I was talking to Bob Lorenz the morning after the July meeting. He and Charlene have sold their house in Southfield, and moved to Mesick as planned.



New Member Jim Oleniczak. Retired 4 weeks ago as a Warren shop teacher and wants to do stuff with his Acer 12X36 lathe and Jet mill.



Emil Caffarelli’s neat and simple DTI holder to clamp on the lathe bed. Photo doesn’t show the superb “frosted” finish on the base. Another beauty for Emil!



Ronald Grimes watches his very nice little first project engine running, a PM# 3 horizontal, shown below.



And that was it for Show & Tell this month. Not enough you say?? Well then **YOU** bring something next meeting!! You can see we like all kinds of “stuff”, so don’t be shy! If it’s yours, we want you to share.

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**BIG ANNOUNCEMENT**

**Field trip to Brigden on Sunday, Aug 21, 2005**

< <http://www.steamthresher.com/>>

The umpteenth billionth (OK OK OK, so maybe I exaggerate a bit..it's the 48<sup>th</sup> Annual) Western Ontario Steam Threshers Association annual show in Brigden, Ontario, will be held August 19 thru 21 this year. Features lots of local stuff and steam stuff and hit&miss stuff and farm stuff and...well just lot's of stuff. If anyone would care to attend the show there on the **Sunday (21<sup>st</sup>)**, and then after the show drive on down to Brian Lawson's for a late afternoon **BBQ**, that would be nice. From the Canadian Customs at the Bluewater Bridge, Brigden is about 15 miles south-east AS THE CROW FLIES, but it's about 1/2 hour, 21 miles all on excellent roads, to drive there. Or if you are more adventurous, the ferry from Marine City to Sombra, then on Bentpath Line (Lambton County Rd 2) east to Brigden Rd, and north to Brigden. Brigden is well known in the area, and is located at the junction of Courtland Rd. (Highway 80) and Brigden Rd.

Brian lives a further 36 miles, at 337 Walnut E., in Bothwell, Ontario. Bothwell is at the south end of Highway 79, near the water tower you can see as you approach town.

Anyone wants to go via 401 to get to Brigden (instead of through Port Huron), or anyone wants to just come to Brian's for the BBQ, please let me know, and I'll supply different directions for you. Email at

[lawson@ciaccess.com](mailto:lawson@ciaccess.com)

or phone number is 1-519-695-2799, and a call ahead would be appreciated but not necessary. You can either retrace your steps to get home, or take the 401 about 70 miles, almost 1-1/2 hours to Windsor, to get back into Detroit. Ladies welcome too, of course.

*Just lemme know.*

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**MODEL ENGINES Magazine.**

There was some conversation about the magazine that it is hoped will replace "Strictly IC". It is published by Mike Rhemus, and is called "Model Engines". It is getting ready to send the third issue. I have subscribed, and while it is not exactly "my bag" (I'm a steam guy), it is very slick, and well done, and a different form usual feature is that the initial copy of any project includes ALL the drawings for the project, and they are separate from the magazine, some as large as 11 X 15. Unique to them idea I think. Their web site is:

< <http://www.modelenginebuilder.com>>

**Tip for the Month.....Pipe Sizes**

**Schedule 40** pipe data (Standard pipe)

<u>Size</u>	<u>ID</u>	<u>OD</u>	<u>Wall</u>	<u>Weight/Foot</u>	<u>"Nesting clearance"</u>
1/8"	0.269	0.405	0.068	0.24	
1/4"	0.364	0.540	0.088	0.42	-0.041
3/8"	0.493	0.675	0.091	0.56	-0.047
1/2"	0.622	0.840	0.109	0.85	-0.053
3/4"	0.824	1.050	0.113	1.13	-0.016
1"	1.049	1.315	0.133	1.67	-0.001
1-1/4"	1.380	1.660	0.140	2.27	-0.065
1-1/2"	1.610	1.900	0.145	2.71	-0.050
2"	2.067	2.375	0.154	3.65	-0.167

**Schedule 80** pipe data (Heavy Duty or Heavy Walled)  
(You can bury this stuff in-ground)

<u>Size</u>	<u>ID</u>	<u>OD</u>	<u>Wall</u>	<u>Weight/Foot</u>	<u>"Nesting clearance"</u>
1/8"	0.215	0.405	0.095	0.31	
1/4"	0.302	0.540	0.119	0.53	-0.103
3/8"	0.423	0.675	0.126	0.73	-0.117
1/2"	0.546	0.840	0.147	1.08	-0.129
3/4"	0.742	1.050	0.154	1.47	-0.098
1"	0.957	1.315	0.179	2.17	-0.093
1-1/4"	1.278	1.660	0.191	2.99	-0.037
1-1/2"	1.500	1.900	0.200	3.63	-0.160
2"	1.939	2.375	0.218	5.02	-0.039

NOTE: "Nesting clearance" is the ID of one pipe minus the OD of the next smaller size

NOTE: All data from "Pocket Ref" 2nd Edition, Thomas J. Glover

All for this month. Gotta run.