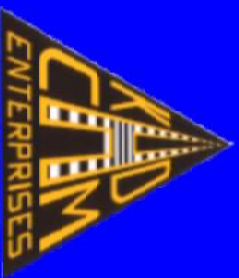


Roadmarking Computers

- In this short presentation, we want to have a look at Road Marking Computers and at how they can be utilized.
- We will also look at; how to choose the right Road Marking Computer to fulfill your requirements.
- First we start with a few questions.



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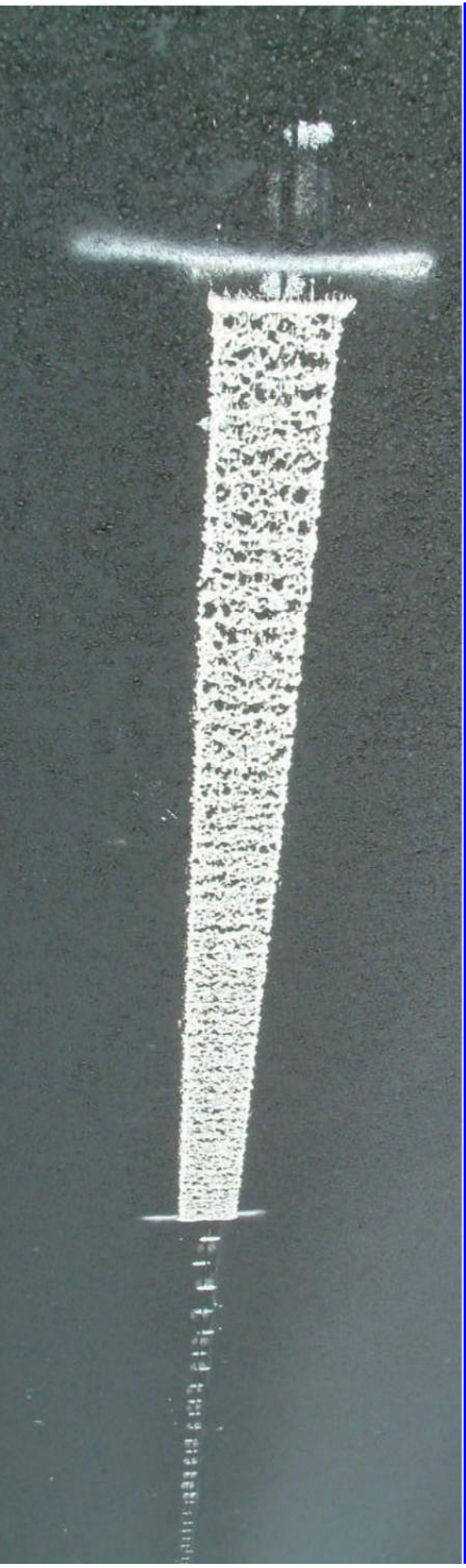
1. Road Marking Computers; Why?
2. RM Computers; tools or toys?
3. What do we expect from RM Computers?
4. Are there limitations?
5. Can we trust RM Computers?
6. How do we choose the right RM Computer?



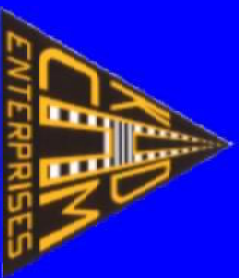
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1. Road Marking Computers; Why?



- This kind of pre-marking shows that there are road-markers around with plenty of time at hand



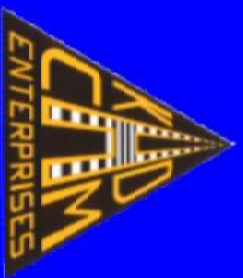
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- There is also the issue of quality



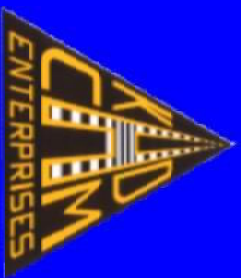
- Why RM Computers?? The above pictures says it all.



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- This is a example; of how to apply patterns without time wasting pre-marking of start and stop lines as on previous picture.



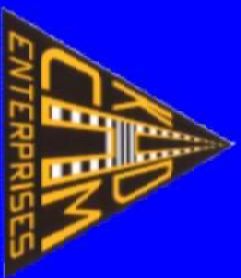
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2. *Are computers tools or toys?*

RM Computers are tools if they:

- Increase productivity
- Improve quality
- Save material
- Save time
- Reduce paperwork
- Make life easier for operator

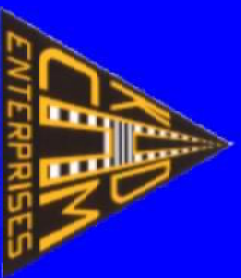


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3. What do we expect from RMI Computers?

- Accurate and
- Reliable
- Easy to use operator friendly
- Robust
- Water-resistant
- Interchangeable to different machines
- Illuminated big readouts (operator is unable to use magnifying glasses when working)



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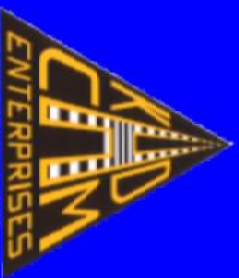
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4. Are there limitations of RM computers?

- Depending on the size of investment, almost anything is possible.

RM Computers can be as simple as:

- a Speedo
- produce simple lines and gaps
- Count meters painted



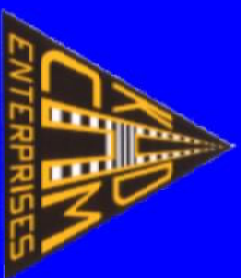
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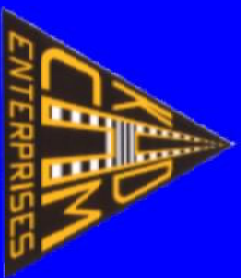
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RM Computers are also available that can store information like:

- meters painted
- paint thickness
- paint used
- This information can then be downloaded into a office computer for quality control and invoicing



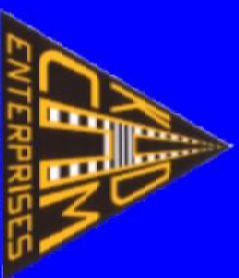
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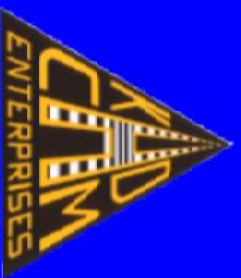
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With today's technology; almost anything is possible regarding RM Computers.

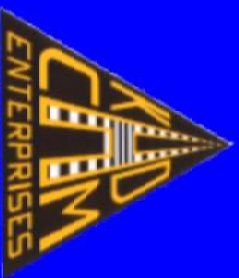
- Possibilities could be:
- Measuring beads used,
- GPS positions
- Air Temperature
- Road Temperature
- Humidity
- Application-speed



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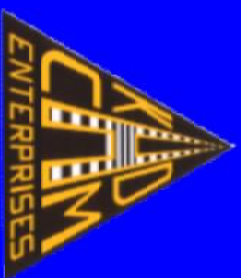
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- Wind speed and direction
- Even blood-pressure and hart-beat of the operator could be logged and downloaded to the office computer if this would be necessary for stress control. (new employment Law in NZ)
- the biggest limitation on RM Computers is the size of the investment the contractor is prepared to make.



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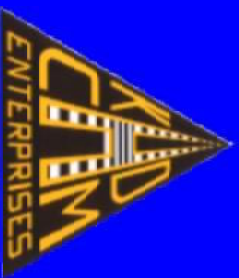


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5. Can we trust RM Computers?

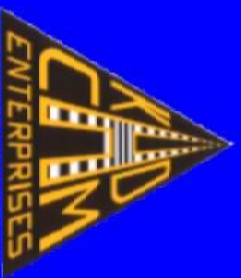
- Like any technical product RM computers work best if they are looked after:
- Routine maintenance
- Routine calibration
- Regular cleaning
- Protection from excessive heat
- Keep them out of harsh environments



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- Operators have to be trained properly; to fully understand and use all the available features of the roadmarking Computer.
- Proper training allows to fully utilize the time and money saving device.
- Accuracies of 2 mm can be achieved depending on computer model and encoder.



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6. How do we choose the right RM Computer?

- Make a list of all the requirements the RMC has to full-fill.

Do I use the RM Computer:

- As A Speedo
- For pattern spraying
- For measuring meters painted for each pattern
- For Data logging of meters painted and liters used
- For data downloaded into a PC?

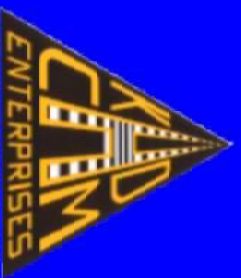


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- For profile marking?
- For different applicators
- For in cab mounting
- For outside mounting
- With fifth wheel encoder
- With gearbox encoder
- Is the RM computer user friendly
- What is the required accuracy

This are a few points that will have to be looked at.



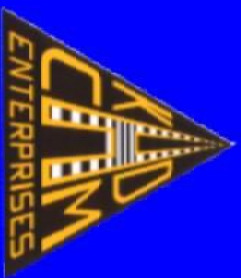
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If you have any questions please feel free to talk to us at our exhibition stand.

For people who still have not filled in the competition form at our stand, please feel free to see us and take part in it.

A Zehntner Flow Cup is to be won



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