

## **SLURRYTECH CURVE ENGINE**

Curve Engine is "freeware" in that there is no cost associated with its use, feel free to share this program with others. We simply ask that if someone is using Curve Engine that they send us an email so we can place them on the updates distribution list.

We have based Curve Engine in the Excel environment as this is a standard program used by engineers, it requires Windows XP and Excel 2003 or later to run on. Curve Engine is fully self contained so there is no installation process required, simply open the file and work through the entries and controls in a logical progression.

Curve Engine also contains an Information Summary sheet that allows you to copy, link to, or transfer data to other applications or even email it to us for review. Simply click on FILE > SEND TO > Mail Recipient. You can then nominate to send the worksheet or even the entire workbook to your mail recipient.

Further information and Instructions For Use can be found on our web site.

Also worth noting is that we can enter any manufactures curve parameters into Curve Engine for a nominal fee, this will allow you to compare between manufacturers and models for the best duty fit possible.

Curve Engine 1.87 contains the following upgrades and fixes.

1. Velocity Profile - Now calculates velocities for both metric and imperial units.
2. Speed Torque Curves - Now allows for 60hZ curve generation and plots outputs in lbf/ft.
3. Speed Power Curves - Now allows for 60hZ curve generation and plots outputs in HP.
4. Ceramic Impellers - Limits ceramic impeller selection to 350 micron d50 size solid.
5. Pipe Condition - Now allows user to nominate pipe condition.

6. Increment Buttons - Now allows user to make incremental increase or decrease in flow and head from within curve area.

7. Efficiency - Calculates and returns pump efficiency.

8. NPSHr - Calculates and returns pump NPSH.

9. RPM - Calculates and returns pump RPM.

10. Velocity plot - View of through pump velocities.

11. Information Summary Sheet - Allows you to copy, link to, or transfer data to other applications.

12. Email Summary Sheet - Whilst in the Information Summary Sheet simply click on FILE > SEND TO > Mail Recipient. You can then nominate to send the entire workbook or just the summary sheet to your recipient.

### Future Updates

Future updates will include Non-Newtonian rheology data fields for calculating pump performance with these types of slurries. Other features in future releases will include project based pump selections for multiple duties and performance parameters.

General information can be found here:

<http://www.slurrytech.com.au/CurveEngineINF.htm>

<blocked::http://www.slurrytech.com.au/CurveEngineINF.htm>

Instructions for use can be found here:

<http://www.slurrytech.com.au/CurveEngine.htm>

<blocked::http://www.slurrytech.com.au/CurveEngine.htm> Note: Older version which do not show updates.

Please feel free to contact us should you require any further information.

Best Regards

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