

Welcome to the ninth edition of the Turolla quarterly Newsletter. Approaching the Year-end calls for some reflections over the recent months of great activities. Not only have you witnessed a complete re-organization of the way Turolla approaches the market, but also had the opportunity to discover new product launches at the recent exhibitions, Bauma and Agritechnica. Thus new branding campaign and new products - the latest, our quiet shhark series, pioneering the standard of silent efficiency – sends a clear signal emphasizing Turolla's re-vitalization in the market place.

In this edition you will find news related to our web-site, an open invitation to take advantage of our system application knowledge and recent expansion of our European Partner Network. Further, this edition's topic highlights our new pump technology following the sound trend of getting more output for less input.

Finally, as always, your continuous feedback about scale and digestive content is very much appreciated and welcomed – without your active reading and commenting there would be no interesting Newsletter to publish. In other words: your opinion matters!

So, for the next five "reading-minutes" – enjoy!

Best regards, Ulrik Krag - Manager Partner Companies Europe

**New site including Twitter & LinkedIn**

You may already have noticed the complete "make-over" our WEB site is undergoing these days.



Beside product & application news and documentation two recent features have been added namely Twitter and LinkedIn.

Both social networks can be directly accessed through our WEB site by clicking on one of the two icons in the top right corner.



Beside real-time news and event relevant information more features and user-friendly tools can be expected in early 2014.

So keep an eye on our site:

[www.turollaocg.com](http://www.turollaocg.com)



Best regards, Barbara Giatti - Global Marketing & Communication

**Support aimed at our European Partners**

Allow us to highlight our special Fan Drive Application Team and their proven knowledge aimed at supporting your business.

Should you have a project, whether internal driven or end-customer driven, our Fan Drive Application Team can assist you on topics like circuit design, machine diagnostics and/or define areas for system optimization.

We both invite and encourage you to utilize the advantages of our application team as an important benefit of our Network. Your local Turolla contact person will be happy to assist you further.  
 Best regards, Ulrik Krag - Manager Partner Companies Europe

**Topic: New technology for Fan Drives**

In order to offer more productivity with less energy/fuel consumption for Fan Drive applications, Turolla has developed a new hydraulic pump technology which called "Quadra-Flow Selectable Displacement Pump".



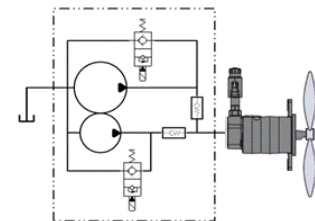
This technology offers numerous benefits regarding machine efficiency and overall installation cost of the system(s) like:

- Fan Drive
- Open Circuit Motor Drive
- Multiple Section Valve controlled

From above mentioned systems the trade-off between efficiency and cost with respect to fixed versus variable displacement pumps calls for attention.

For hydraulic modulating fan drive systems, the Quadra-Flow Selectable Displacement Pump can provide efficient performance

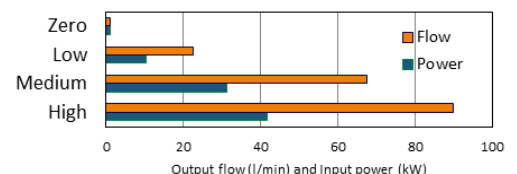
**Topic: New technology for Fan Drives - continued**



comparable to that of a variable displacement pump system due to features like:

- Integrated dual unloading valves match pump flow to machine cooling demand
- Excess flow recirculated to pump inlet at low pressure reducing pump load
- Rugged cast iron construction for applications requiring maximum performance and long life in severe operating conditions

**Quadra-Flow - Flow vs. Input Power**



If you would like to know more about our Fan Drive Program or our System Application Task force team capabilities to help you, please contact your local Turolla contact for further assistance and arrangement.

Best regards, Juraj Hanusovsky - Fan Drive Application Leader

**New Partner Distributors in Spain and Ukraine.**

Spain – Bibus S.L. has just been welcome into our strong Partner Network in Spain. Together with our current Partners, Cohimur, Equibertma and TriSehico, their inclusion will contribute to a denser coverage of the Spanish market.

Ukraine – from January 2014 BIBUS Ukraine TOV will represent Turolla in Ukraine. Being established in 2005, Bibus Ukraine TOV has a strong proven competence base within the field of hydraulics and have already demonstrated a dedicated and successful approach in covering the local market.

Best regards, Ulrik Krag - Manager Partner Companies Europe