

## News release 08-02

### **STOLL presents the new front endloader ROBUST FZ 30**

Lengede, September 2008

On the STOLL stand in hall 27 No. C48, STOLL is now showing also a front loader type FZ 30 on an international exhibition at the first time. As already announced with the launch of the large FZ-loaders 60 and 80 in 180 to 300 hp class at the last Agritechnica, STOLL prepares the launch for the middle class from 90 - 180 hp. The loader FZ 30 will be shown in a demo-stand, in which all operating functions and technical advantages can be presented on site.

The technology of this new FZ-series is characterized by the Z-shaped rods running inside the loader arms - the so-called Z-kinematics - for mechanical parallel linkage, which is also documented within the name of the loader "FZ". Advantage for the user, among others, is the very good visibility to the front, because this design does not block the look in front by attached control rods. Also the front windscreen can be opened in many cases, as no upper control rods are existing.

Seen from above reasons, the loader brackets to the tractor can be located very centrally and to the middle of the tractor, what has a favourable effect to the discharge of the tractor front axle

In the "Plus" version exists an additional scooping function which makes it possible while lifting a bucket to continue scooping from an angle of 45 ° up to an angle of 69 ° degrees. This will better fill the bucket, the capacity will be fully utilized, the charge performance will be increased and trickle losses at loose solids will be avoided. A fast tipping of the tool similar to a quick dump function is also integrated.

Positive to note is the laying of hydraulic lines beneath the loader arms, which are well protected in this way, however allow accessibility for any service in a quick and easy way at any time. All bearing points are enfolded by approved DX-composite bushes for high durability and hard practice, as well as with lubrication from the outside.

For the damping of the loader, STOLL is also going a new way by using a piston accumulator, which reacts far more flexible and is largely insensitive against destruction.

Wilhelm Stoll Maschinenfabrik is going to restructure the factory for the serial production of the FZ-range and invest several million Euros for this purpose.

---

Wilhelm Stoll Maschinenfabrik GmbH  
Bahnhofstr. 21, 38268 Lengede  
Tel.: +49 5344/20-0 Fax: +49 5344/20182  
E-mail: [vkf@stoll-jf.de](mailto:vkf@stoll-jf.de)

Contact: Philipp Bako, Tel.: +49 5344/20139, Mobil: +49 171/5660-222, Fax: +49 5344/20240,  
e-Mail: [philipp.bako@stoll-jf.de](mailto:philipp.bako@stoll-jf.de)