



Press Release 2009-01

Stoll front loader FZ now available from size 10 to 80 **New Stoll front loader Robust FZ – the complete range will become a serial production**

Lengede, im März 2009

On the occasion of the latest Agritechnica, Stoll has shown the new Stoll front loaders of the FZ series to the wide public. At first only the models FZ 60 and FZ 80 for bigger tractors ranging from 150 – 300 HP were available. Now also the smaller series from 70 HP on can be supplied with the designation FZ 10, FZ 20, FZ 30, FZ 40 and FZ 50. Starting from FZ 30, there are also available extra wide loaders for tractors with wide bonnets.

Additionally to the FZ series with mechanical parallel linkage via a Z-cinematics, Stoll now offers also a new serie with the designation FS. Those FS loaders do not have a parallel linkage.

The new FZ loaders have many innovative solutions in the design. Most significant is the mechanical parallel linkage – the Z-cinematics – where the guiding rod for the parallel linkage is placed inside the handlebars. This results in some advantages: on the one hand this solution offers a better visibility for the driver of the tractor and on the other hand this space achieved can be used to open the front screen. Another advantage is, that the loader can be placed futher to the centre of the tractor which relieves the front axle significantly. Stoll also offers those FZ loaders with a „PLUS-function“ With this additional press-button function the standard crowding angle from 45° can be increased by a further 24° for the implement. Using this angle of 69° the bucket will be filled easier and the loss of loose bulk cargo will be reduced. Similar to the fast- gear function, an additional press-button function can discharge the bucket abruptly.

Further news come from the laying of the hydraulic pipes. Those are laid below the loader arms – not inside. With this solution they are protected but also easily accessible in case of leakages or maintenance works. By means of using solid DX composite bushings at any bearing and large diametres of bolts, a high suitability for daily use is achieved. Another important improvement can be found in the damping

system which is now located inside the cross tube. No rubber membranes are used any more. Instead, a ram accumulator is used which operates more smoothly at peak pressures.

Stoll strives for an increase of market shares, especially by enlarging the world-wide export activities.



FZ 20



FZ 30

Wilhelm Stoll Maschinenfabrik GmbH
Bahnhofstr. 21, 38268 Lengede
Tel.: 05344/20-0 Fax: 05344/20182
E-mail: vkf@stoll-jf.de

Rückfragen: Philipp Bako, Tel.: 05344/20139, Mobil: 0171/5660-222, Fax: 05344/20240,
e-Mail: philipp.bako@stoll-jf.de