



PRESS RELEASE

Innovation Days at EPSILON

- ◆ Flood of visitors in Elsbethen
- ◆ Impressive product presentations
- ◆ New EPSOLUTION S class: Performance class from 20 to 30 meter tonnes for heavy tree length and scrap metal use

Elsbethen, March 4th 2010

Over 500 visitors including well-known dealers and customers from all over Europe took up EPSILON's invitation to attend the Innovation Days held in Elsbethen on 26 and 27 February 2010. Dedicated entirely to the performance of the revolutionary EPSOLUTION series, the company showcased over 20 different timber and recycling cranes in total. It was also an opportunity for the first models from the brand new S class to celebrate their debut.

The event highlights were an impressive show featuring products from the new S series with spotlights, music and artificial fog, and demonstrations in the action park. Here an M120Z timber crane and a recycling truck were demonstrated using the clamshell bucket with a Q130Z 95TR TripleZ. There was a live world premiere presentation of the "Easy Fold" system on this crane which created a huge buzz among the visitors. This system facilitates automatic folding and unfolding of Z cranes. Tree length loaders of the new S class, cab models and the widest variety of recycling and off-road models could be admired in the outdoor area.

With its EPSOLUTION crane series developed entirely with efficiency gains, ease of servicing and maintenance in mind, EPSILON makes its customers significantly more successful in their job.

Following the introduction of the M and Q class, EPSILON is now populating the performance class from 20 to 30 meter tonnes with the new S series for heavy tree length and scrap metal use.

S class, L cranes	S class, Z cranes
S220L / S240L HPLS (single linkage system)	
S260L / S290L HPLS (single linkage system)	S260Z / S290Z HPLS
S270L / S300L HPLS (double linkage system)	
QS200L107 (special model for scrap metal use with overhead knuckle-boom cylinder)	

The cranes are typically available as L or Z boom loaders. There is a choice between single and double telescope versions with outreaches from 8.2 m to 13 m, equipped with a single or double linkage system as required. In the HPLS (high power lifting system) version, the cranes have an increased lifting torque with simultaneous

reduction in the working speed due to an increase in pressure - a function which comes into its own during the occasional manipulation of very heavy loads.

Lightweight for cost-efficient tree length use. With the S220L and S240L HPLS EPSILON is launching a new crane model in the tree length product range that is some 200 kg lighter in weight. The substantial weight reduction makes this model particularly interesting for hauliers who have to cover large distances with their tree length truck combinations.

Special model for heavy scrap metal use. The QS200L completes the new class. Concealed behind this badge is a truck-mounted crane with an outreach of 10.7 m for heavy scrap metal use. With an overhead knuckle-boom cylinder - a feature of the long-established Q series - the crane can also be folded down comfortably to within the loading area of semi-trailers. The new S class provides the strong base frame.

Anything that starts with “EPS” will have a happy ending for your business.

As the name "EPSOLUTION" clearly indicates, the new cranes are characterised by numerous solution-oriented features, which make the crane operator's job easier and provide him with maximum comfort. The new crane generation also features EPSCOPE and EPSLINK as part of the standard equipment for this series.

EPSCOPE - Patented double telescope system with extension cylinder and protected hose routing. The newly revamped and optimised boom system by EPSILON cranes results in maximum efficiency and ease of maintenance. Consistent design engineering has been applied throughout from the extension boom, crane boom tip and load attachment to the rotator and internally routed hoses, making the system a pioneering development in this sector.

The “enclosed” system prevents branches from getting caught making damaged hoses a thing of the past. If, however, a hose needs to be changed on site at some point, then simply removing the covers makes this child's play. Specially developed hoses ensure a correspondingly long service life.

A chain drive for extreme loads, maintenance-free ball-bearing guide rollers and a lubrication system for the retraction chain reduce maintenance costs to a minimum.

EPSLINK - Patented link-rotator combination. The newly developed EPSLINK load slings, which intelligently bridges the sensitive interface between crane boom tip and rotator due to its internally routed hoses, is considerably stronger than conventional load slings. The robust 4-eye cast iron link prevents any play in the bearing surfaces due to its compact construction. This means no “deflection” even under the most severe conditions. The highly wear-resistant hoses, which are internally routed for protection, have an impressively long service life and are exceptionally easy to maintain.

The cranes are equipped as standard with **elevating cylinder and knuckle-boom cylinder protection.**

EPSILON offers two further highlights when it comes to comfort in the shape of **EPSHOOD**, a pneumatically-driven folding operator protection hood, and **working spotlights with LED technology**.

Unmatched in quality, performance, convenience, safety and variety of equipment, EPSILON continues to extend its overall lead with its new "EPSOLUTION" generation and remains far and away the number one in Europe.

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