



February 2009

The INTERMAT Rendezvous in Paris

CIFA will be participating in the important rendezvous in Paris with a stand jointly fitted out and managed by CIFA and Zoomlion.

CIFA leading European brand in concrete machinery and leading Chinese construction equipment manufacturer combined together are creating world's largest concrete machinery manufacturer.

For the French market, there will be also the exclusive distributor for the domestic market, Palfinger France.

This year CIFA's 1000 m² exhibition area will be situated outside Hall 6 (stand E6 F040), which is the pavilion dedicated to concrete technologies and products.

The exhibition programme will be splitted between Zoomlion cranes range and Zoomlion/Cifa concrete range.

As concerns this last, particular emphasis will be given to the transport, pumping and distribution of concrete as well as displaying some of the new products developed by CIFA for international markets.

TRUCK-MIXERS

A series of technological innovations have made CIFA's truck-mixer a totally unique vehicle. The Company's production approach, aimed at overall quality, shows in the countless structural details: a variable thickness drum; blades designed with variable pitch and heights to optimise loading and unloading cycles; versatile, high-performance power units; electronic control and management systems for the machine's main functions.

From the first Italian truck-mixer produced by CIFA in 1958 to the present day, the Company has sold more than 36,000 machines in over 70 different countries.

The models on display will be the SLX 9 and an **SLA 12 ST** on semitrailer the model SLX9 is a recently designed machine, which fuses together CIFA's experience and new technologies, targets the demanding and highly competitive Ready-Mix market. For this reason the truck-mixer has been re-engineered from top to bottom as regards the materials used, the drum's volumetric capacity and the design of its principal structural and functional components. One of the aims of this project was to reduce weight to guarantee the maximum capacity for concrete without exceeding the weight limits laid down for such vehicles on public roads. The drum is built out of special ultra high-strength, wear-resistant steel to help extend its life and reduce its weight. The chassis and the rear jack supports have also been wholly redesigned, using high-resistance steel, in order to limit overall weight and simplify access for cleaning and servicing. Simplification and weight reduction have been



possible optimizing every detail such as the new hydraulic system using the latest generation of an electrically controlled CSD (Constant Speed Drive). The standard version of this truck-mixer has a water tank of 400 liters. Also available as options: different tank sizes, pressurized water tanks, special paintings and many other items to customize the mixer and meet customers'.

The model **SLA 12 ST** is a new mixer which takes advantage of semitrailer installation: maximum concrete transportation for each batching plant to worksite trip in respect of weight limits regulation, flexibility so that one truck can be coupled with different trailers (dumpers for instance). The SLA 12 ST is available both on two and 3 axles chassis and delivers optimal road behaviour thanks to the low centre of gravity obtained by a swan-neck chassis. This heavy duty solution also has the advantage of a very low height of the components from the ground, thus allowing an easy access and an effortless everyday work.

TRUCK-MOUNTED PUMPS AND DISTRIBUTION BOOMS

Lasers to cut metal sheeting, welding by robots, machining shops, special machines for automatic sanding and semi-automatic painting: this, in brief, is the technology deployed by CIFA to produce the more than 4,500 machines in service throughout the world and an annual pump output of about 300 per year.

The models on display represent CIFA's philosophy, and shows that the company is geared to the production of products specifically designed to meet the market's needs.

K20 L

This brand new model, will be launched in occasion of Intermat exhibition and will complete the wide range of Cifa booms.

The highlights of this new project are:

- 4 sections, flexible **RZ folding 20 m** boom with 125 mm hose
- compact lightweight with **assembly on 2-axle** chassis
- quick boom release system to easily detach the boom when it's not needed and gain extra payload capacity (hoses, accessories etc)
- powerful 70 cubic meters/ 90 bar pumping group
- unfolding height < 4m
- ideal for city-centre and renewal works

K31L XZ BOOM

This 5 section, 31 m boom with 125 mm hose and "Z" folding configuration has been **entirely restyled with the new lightweight version**. New technical solutions allowed to reduce the weight of this pump increasing at the same time the already well-known structural reliability and efficiency. A lower weight means an higher margin below the regulations to meet customers' requests for increased transportation capabilities.



The new design features outstanding product **reliability, simpler** maintenance and **industrialised and standardised** components.

The main design features are the **concrete hose** styled with larger radius bends to reduce possible obstructions and wear, improved structural resistance to prevent the hose passing through the sections, a single, dual section **safety valve** on the boom sections, and lastly the **base frame**, fully restyled to take advantage of the latest evolutions of the CIFA range.

The special characteristics of this machine have been retained, such as **the 360° continuous rotation** on the 5th section, the **minimum unfolding height of 5.7 metres** and the "Z" folding configuration which is vital for the specific operating requirements of this kind of boom.

The equipment can be assembled on a 3-4 axle truck.

For reasons of space, it will not be possible to present the entire range of CIFA products, which includes:

CONCRETE BATCHING AND MIXING PLANT

Over fifty years experience in the sector have led CIFA to develop concrete mixing plants that are in a class of their own in terms of their high production capacity and utmost reliability. They are produced in various versions for both ready-mix concrete producers and for construction companies.

CIFA offers a full range of standard plants and tailor-made solutions to meet all production needs:

- COMPACT AND PERSONAL horizontal batching plants for average and high production volumes
- CIFAMIX, suitable for assembly in construction sites where space is at a premium
- concrete mixing towers with aggregates stocked in vertical silos for particular needs in terms of production and image
- plants for mixed concretes, the ideal choice for use in road, railway and airport construction work.
- plants for dams, a "classic" CIFA product, as well as a sector in which the Company boasts a large number of references accumulated in over 50 years and in which it is an undisputed world leader.

FORMWORKS

Since 1928 CIFA technology has made formworks for every type of tunnel, bridge, dam and port. Thanks to our full-line experience we play a major role as designers and suppliers of formwork plants for the volumes of concrete cast for major public works. Over 3,000 forms for tunnels have been produced for the most important construction sites in the world. There are countless examples bearing witness to our wealth of experience: the colossal work of the "Three Gorges Dam" in China; civil engineering works that have earned themselves a place in history such as the



Eurotunnel connecting France and Great Britain; or exceptional work for water supply such as the dams and connecting tunnels of the reservoirs of Lesotho. And in conclusion the European high-speed railway project, the underground lines of the world's largest cities and hydroelectric catchment areas in Austria, France, Greece, Sweden and Turkey, were also built thanks to CIFA's expertise and experience.

CIFA SERVICE

The widespread servicing and original spare-parts network of CIFA is very important in both the domestic market and throughout the whole world, as also is its end-user training programmes that provide information courses on the use and maintenance of new products, with instruments of interactive simulation.

So we look forward to seeing you at INTERMAT 2009.

We await you at our stand: **Hall 6 – outside stand E6 F040.**

You will be very welcome.

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