

## LIEBHERR



German company Liebherr will be bringing its new 100t LTM 1100-4.2 crane to Moscow. It offers higher capacities than its predecessor the LTM 1100-4.1, most notably the fully telescopic 60m boom, which when in a steep position boasts an increase of

approximately 30%. Its boom system consists of the base and six telescopic sections and is operated by the rapid-cycle telescopic system Telematik.

Two 7m lattice sections offer an elevated hinge point for the 10.8m to 19m long swing-away jib that can be attached at an inclination of 0°, 20° and 40°. The LTM 1100-4.2 can reach a hook height of 91m and operate at a radius of 58m.

There is an optional hydraulic adjustment system available which allows the jib to be luffed under full load between 0° and 40°. Two-hook operations are also possible with an

additional 2m hoist winch and a 2.9m long assembly jib. A boom nose can also be offered.

Its compact dimensions mean that the new four-axle crane can maneuver on the tightest job sites. Its chassis is only 2.75m wide, even with 16.00 R 25 tyres. The turning radius measured over the carrier cab amounts to only 8.3m.

The tail swing of the counterweight (up to 28.2t) stays within 4.11m. With single telescopic outriggers a supporting width of 7m can be reached, but it is also possible to reduce its supporting width to 5m if required by limited site conditions.

## FASSI

The Russian dealer of Fassi, Fassi Rus, will host a 96 sq m area inside Pavilion 1, Hall 2, Stand 2/230. It will present its F290A.25 Evolution which sits on a Volvo FES280 truck, and has a maximum lifting capacity of 26.45tm and a standard reach of 14.60m. Also on show will be the Micro M30A, that has a maximum lifting capacity of 3.10tm and a standard reach starting at 2.5m (for .11 version) and 4.70m (for .13 version).

The F65A is equipped with the innovative "HO" system (hydraulic overload control). This automatically controls the load conditions of the crane and manages the lifting movements in relation to the stability conditions of the crane/truck.

It has a maximum lifting capacity of 6.65tm (for .21 version) and a standard reach starting from 5.5m (for .21 version) to 10.3m (for .24 version). Also present will be the F150A, which has a maximum

lifting capacity of 14.5tm (for .21 version) and standard reach starting from 6.35m (for .21 version) and 14.7m (for .24 version).

Also benefitting from the Fassi Evolution system is the F240B Evolution. It has a maximum lifting capacity of 22.8tm (for .22 version) and standard

reach starting from 8.05m (for .22 version) and 20.95m (for .28 version). The Evolution System comprises of the control unit, digital distributor, remote control, ADC combined by means of a CanBus transmission protocol, and coordination from the Integral Machine Control management system.

## SCHEUERLE

Heavy haulage experts Scheuerle will be present at CTT. It will be hosting an information stand which will inform visitors about modern transport technology for construction machinery. A company spokesperson revealed: "We will show the possibilities in the use of self-propelled modular transporters and we will give information about transport systems for the building of wind energy parks."



## PALFINGER

At the time of going to press, hydraulic lifting manufacturer Palfinger were still not sure which of the models it would

be taking to Moscow. Palfinger's stand will be found at Pavilion 1, Hall No. 2, Stand No. 2/240.