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Jekko shows new electric truck mounted crane



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3 min read



Jekko's new TRX80 could be described as a big crane on a small truck

A fully electric truck mounted mini crane new from manufacturer Jekko promises to deliver the goods in complex operating environments where space in limited.

The Italian crane maker expands its range with the new TRX80, an electric mini crane mounted on a small two axle truck. Capacity is 8 tonnes and maximum outreach is 27.2 metres.

It is designed so the crane fits within the footprint of the truck without overhang. With a weight of under 8 tonnes operation is then possible on less resilient surfaces and where space is restricted.

Onboard power is from a 48 Volt lithium battery designed to be large enough to operate for a day on a charge. Recharging can be done via a PTO on the truck to drive a generator or via a mains cable to a grid connection (single- or three-phase).

Flexibility and capability

For stable operation there are adjustable outriggers with an infinitely adjustable extension footprint to maximise capability even in an asymmetric space. The maximum base is 4.6 x 4.6 metres.

On main boom-only the reach is 20 metres while a jib extends that to 27.2 metres and gives a maximum working radius of 24.3 metres. There is a 3.5 tonne runner (short jib) and a 1.5 tonne hydraulically adjustable jib. It can be set at negative angles down to

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Control is via a proportional radio remote transmitter with a 7″ (175 mm) touchscreen. The operator can see the load chart in real time and the stability area is dynamically recalculating as the crane is operating.





A 7 inch touchscreen on the radio remote transmitter can display a full range of operating parameters and more in real time

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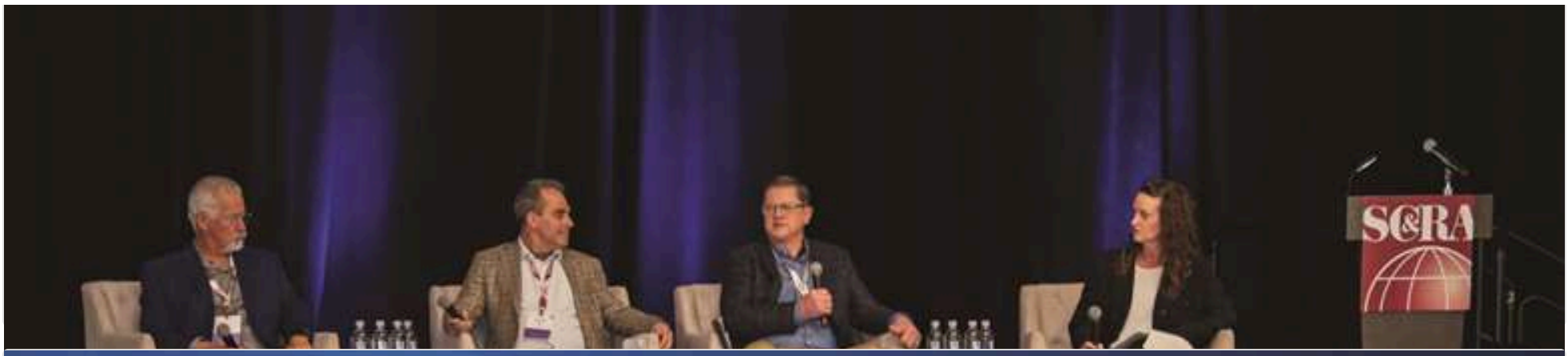
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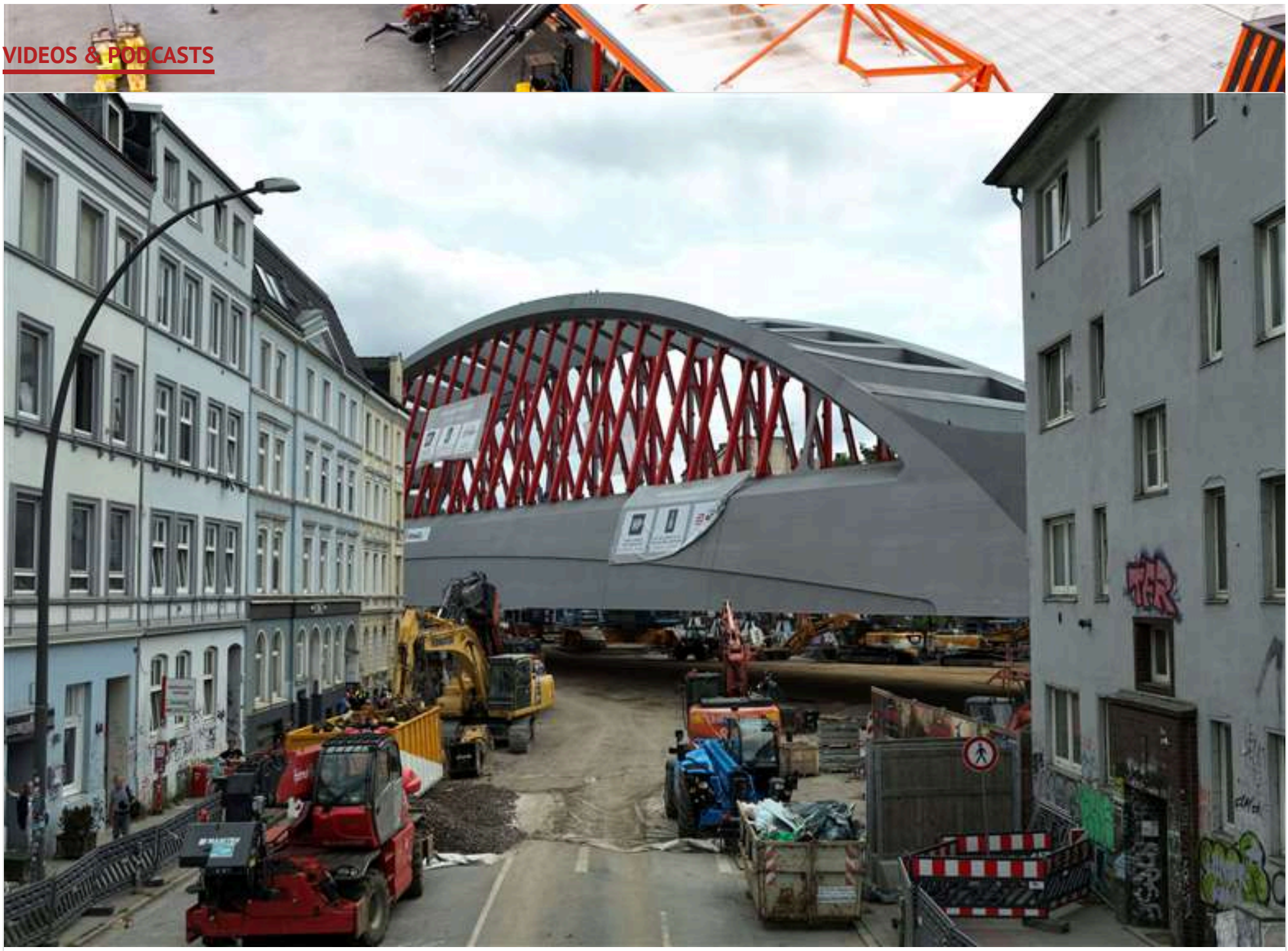
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