



Plug-in Hybrid eDrive

Zero-Emission eLift

SK487-AT3 eDrive & eLift

The most compact, fully electrically powered mobile tower crane in our product range.

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The SK487-AT3 eDrive & eLift is the most compact mobile tower crane in our product series. With a compact design of only 2.55 meters in width and a total length of just 13.08 meters, the truck is easy to maneuver.

This crane excels in urban areas and is therefore also known as the City Boy. The fully electrically powered crane, equipped with our eLift technology, delivers the same performance as a conventional crane with a diesel engine.



Manoeuvring with
remote control



All axles
are steerable



100% electric
hoisting ($\pm$ 5 hours)



100% electric
driving ($\pm$ 30 km)



IFP® outrigger
technology



Hydraulic crane
movements



3-in-1 cab



Erection in
15 minutes

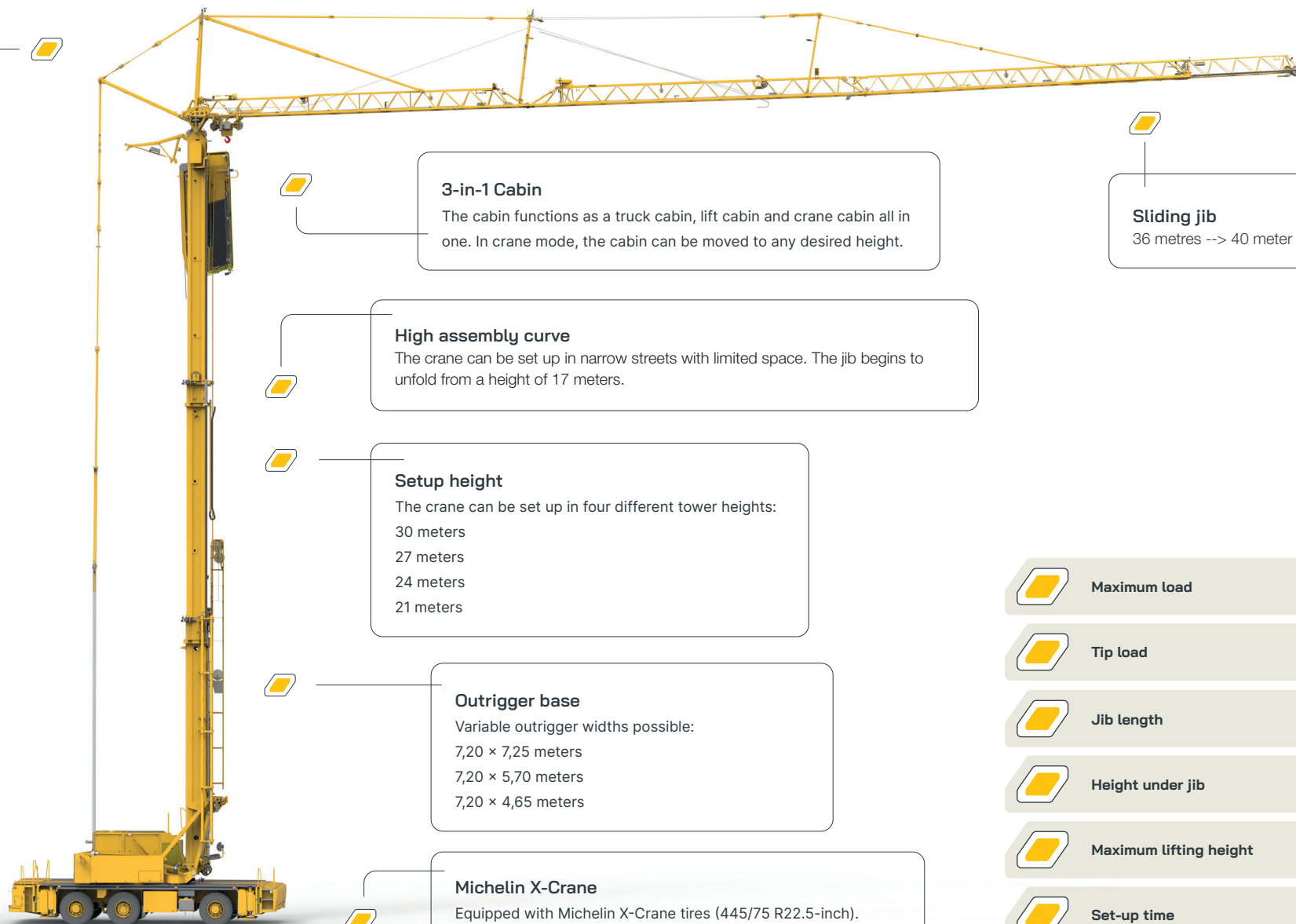


“Emission-free driving
in the green heart
of the city center.”

”

15 / 30 / 45 Degree jib angles

The jib can be angled at 15/30/45 degrees from the crane cabin or via remote control.



3-in-1 Cabin

The cabin functions as a truck cabin, lift cabin and crane cabin all in one. In crane mode, the cabin can be moved to any desired height.

Sliding jib

36 metres --> 40 meter

High assembly curve

The crane can be set up in narrow streets with limited space. The jib begins to unfold from a height of 17 meters.

Setup height

The crane can be set up in four different tower heights:

30 meters
27 meters
24 meters
21 meters

Outrigger base

Variable outrigger widths possible:

7,20 × 7,25 meters
7,20 × 5,70 meters
7,20 × 4,65 meters

Michelin X-Crane

Equipped with Michelin X-Crane tires (445/75 R22.5-inch).

	Maximum load	7000 kg (up to 11,96 m)
	Tip load	1700 kg
	Jib length	40 m
	Height under jib	32 m
	Maximum lifting height	55,45 m (45° luffed jib)
	Set-up time	15 min

Crane options

Standard equipped with



Crane cabin equipped with air-conditioning



A trolley camera



Side view camera



4 fiberglass pads



Outrigger pressure read-out system



Michelin X-Crane tires | 445/75 R22.5 inch tire



Charging cable 30 meters

Available options



Clear coat on upper crane and truck, excluding chassis



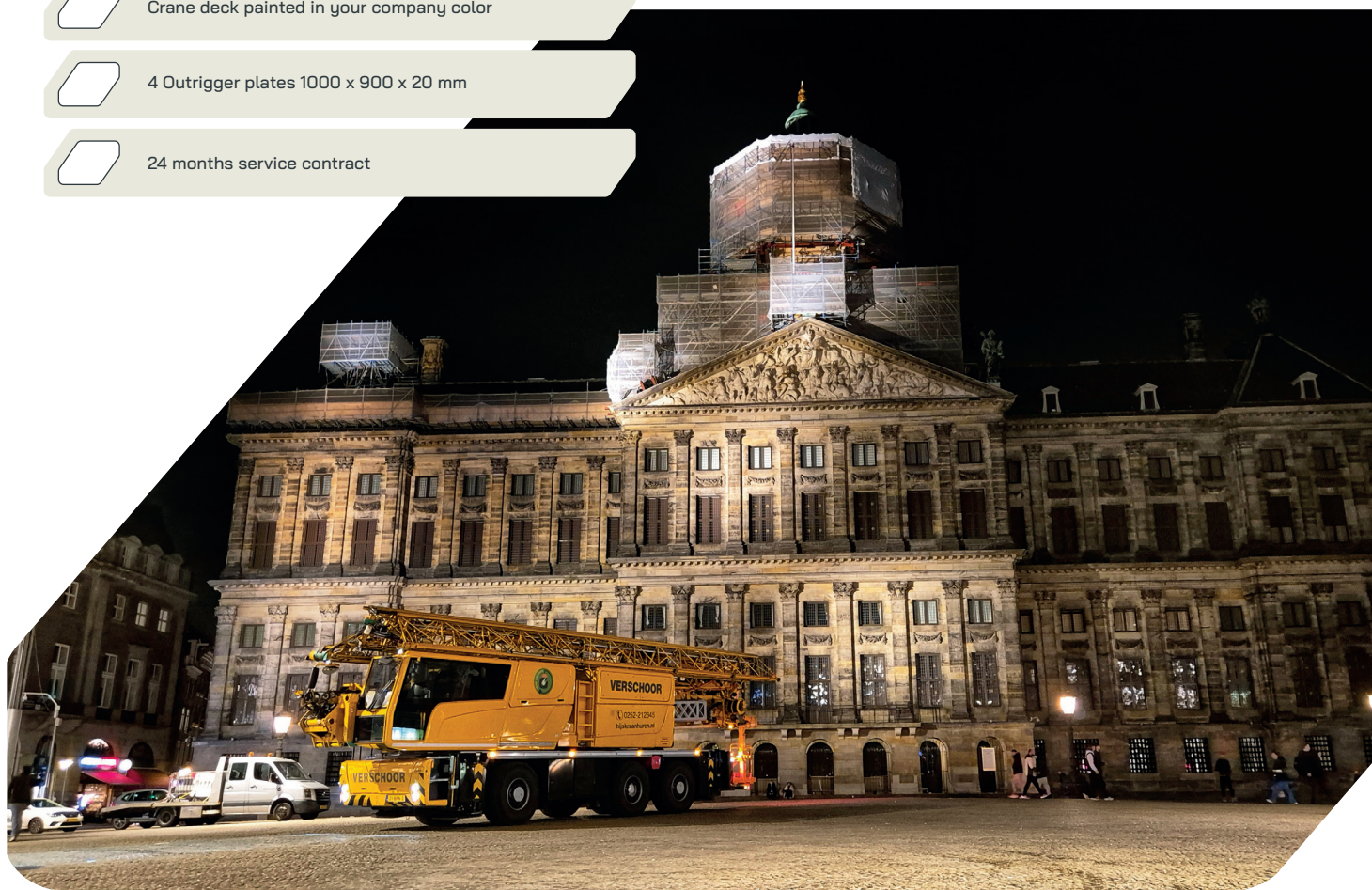
Crane deck painted in your company color



4 Outrigger plates 1000 x 900 x 20 mm



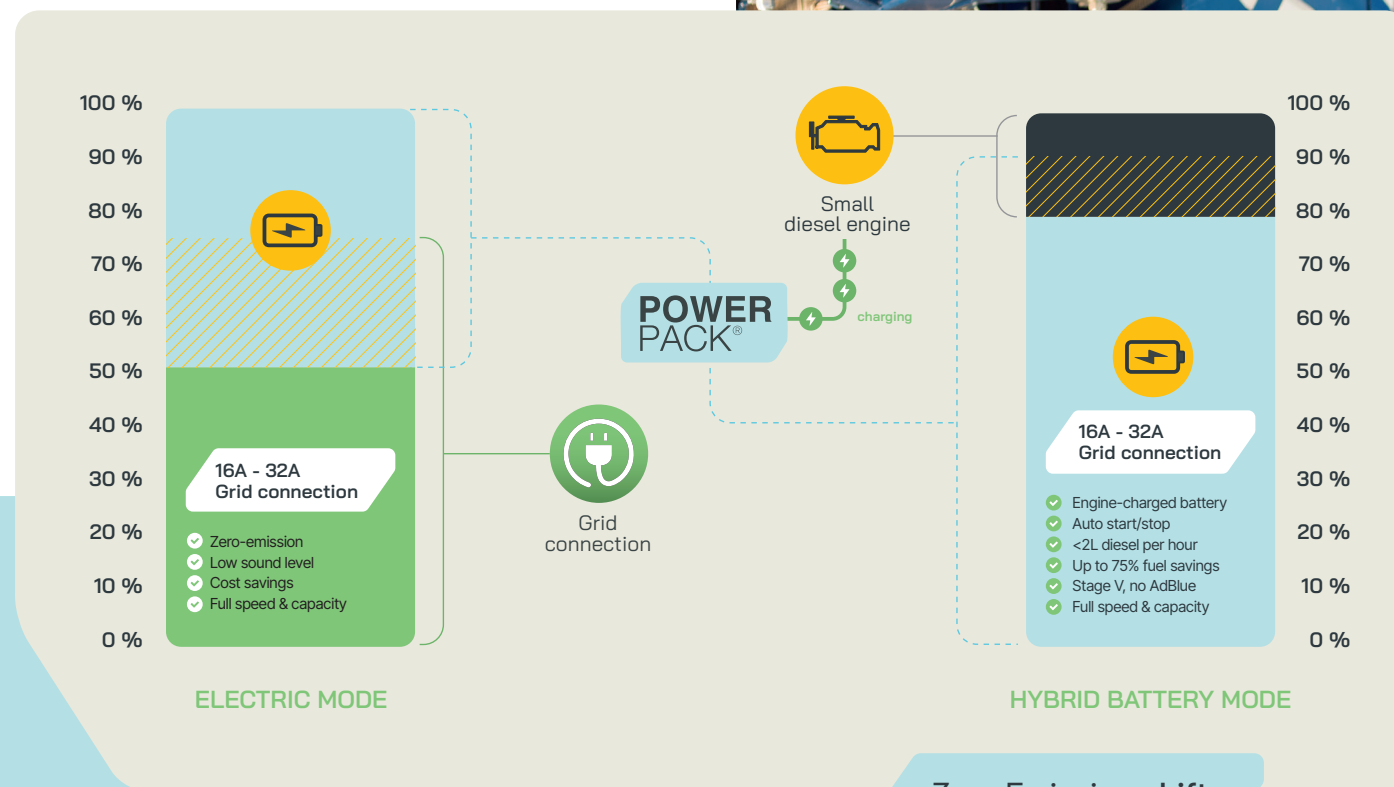
24 months service contract



Unlimited electric lifting

All our cranes are equipped with eLift technology, which offers numerous advantages. With eLift, you can work 100% emission-free with a small power connection of 16A or 32A (electrical mode). If no power connection is available, the crane can operate stand-alone on battery power (hybrid mode). With eLift, you can save up to 85% fuel and still operate at full capacity and speed.

When the battery is low, the generator automatically starts charging the battery. With the automatic start/stop system, fuel consumption is reduced to less than 2 litres per hour, compared to 7 litres per hour for a conventional crane. By combining operation in 40% electric mode and 60% hybrid mode, the new eLift achieves up to 85% fuel savings. This equates to a reduction of 200,000+ kg of CO2 and offsets 17,000+ trees within 10 years.



Zero-Emission eLift



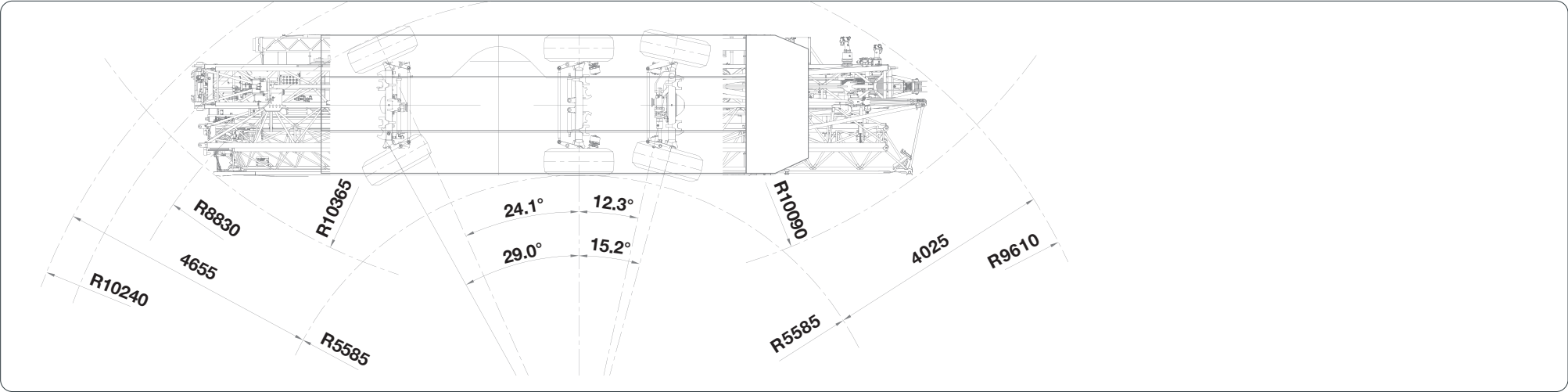
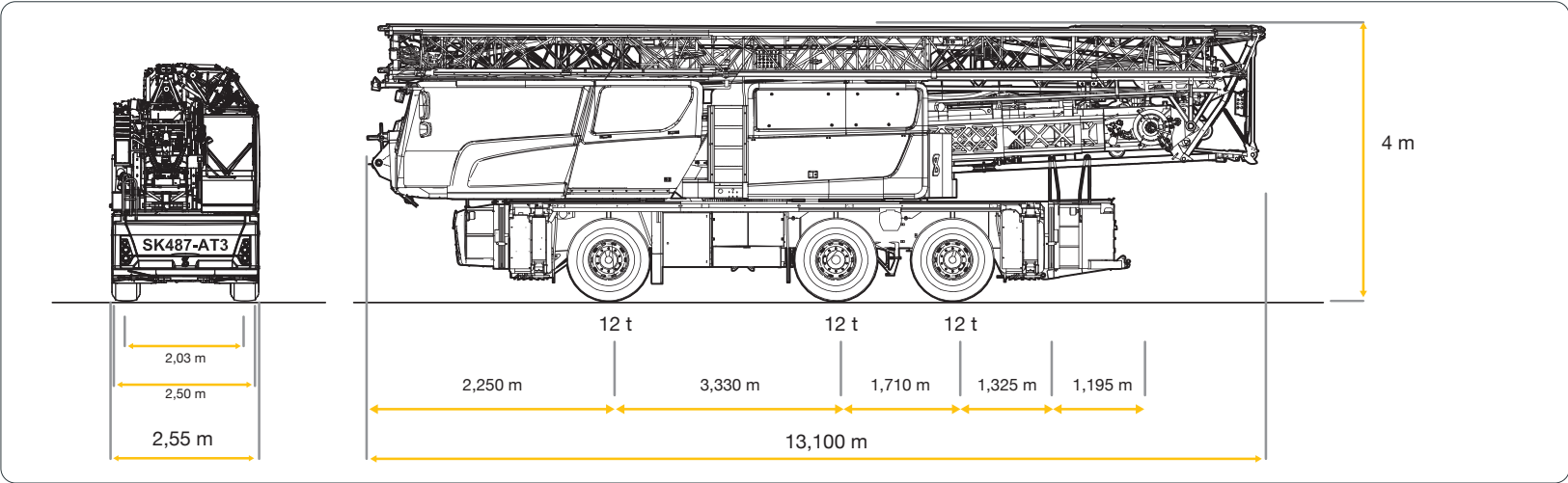
All USPs at a glance

- 100% fuel savings in electric mode.
- Up to 85% fuel savings using eco-mode in hybrid mode.
- Full capacity and speed in electric mode.
- Silent operation of the crane.
- Stage V crane generator.
- Switching between various modes is done without interrupting the machine.
- Stepless adjustable power demand from 1A to 32A.
- Stand-alone battery-powered crane operation

Mission to Zero-Emission

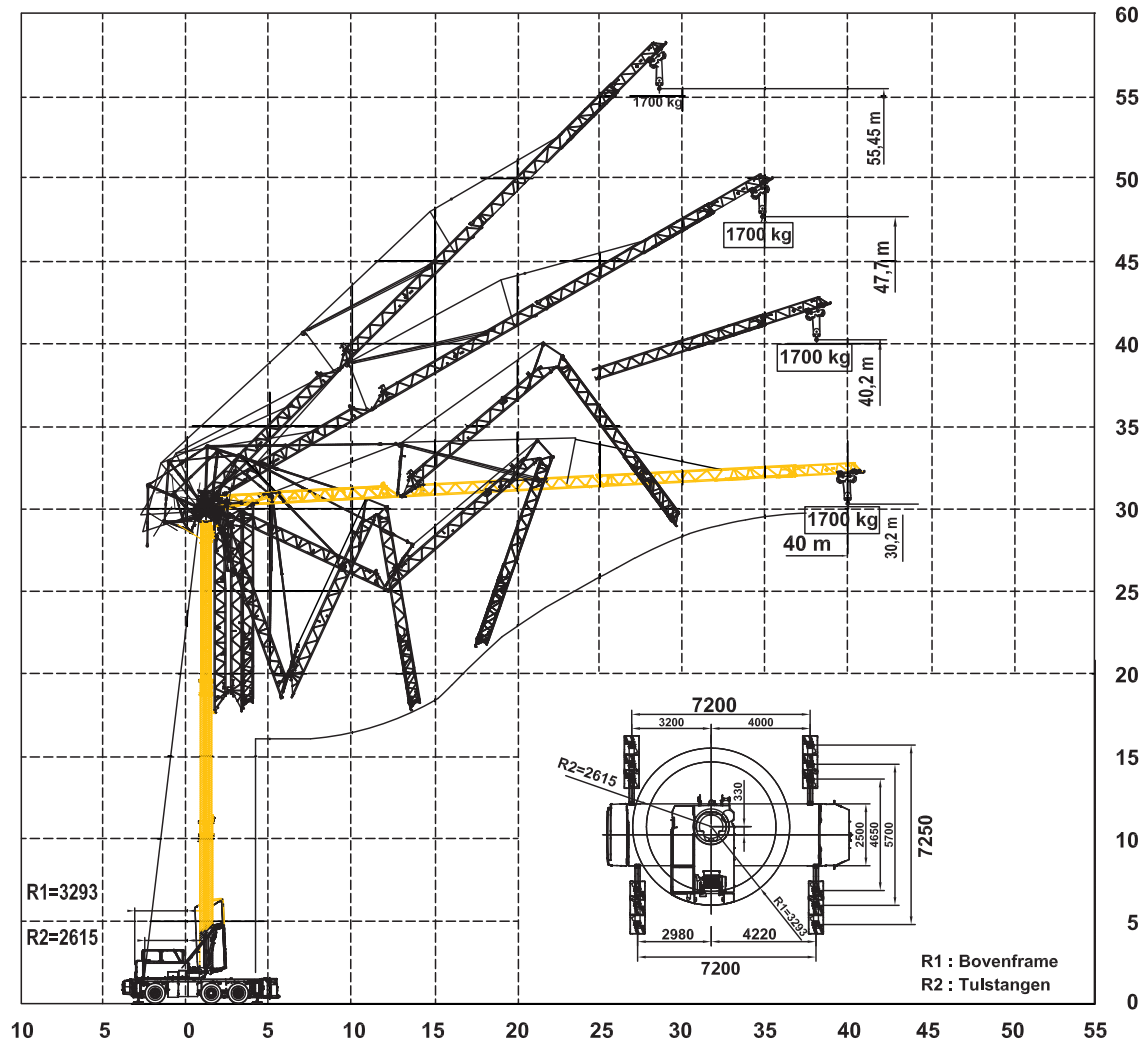
**“100% electric
hoisting and
driving”**

Transport



“With the 3-1 cab from driving to hoisting within 15 minutes”





Specifications

SK487-AT3 eDrive & eLift

Total weight:

36.000 kg - 36.800 kg (incl. additional ballast)

Outrigger support base:

Variable outrigger widths possible

- 7,2 x 7,25
- 7,2 x 5,70
- 7,2 x 4,65

Turning radius:

Superstructure: 3170 mm

Ty bars: 2615 mm

Support plate:

750 x 600 mm

Surface area: 0,45 m²

Ground pressure: 0,71 N/mm²

Outrigger support plate:

1000 x 900 mm

Surface area: 0,9 m²

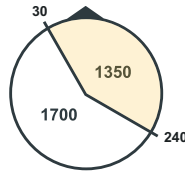
Ground pressure: 0,35 N/mm²

Max. outrigger pressure: 315 kN

Lifting chart



7,20 m x 7,25 m



- Incl. additional ballast
- Excl. additional ballast -10%

		4	5	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	m
0°	1700 kg ▶	7000				11,57m 7000	6712	5631	4840	4237	3762	3378	3061	2795	2569	2374	2204	2055	1923	1806	1700	
	1350 kg ▶	7000			9,69m 7000	6748	5460	4573	3925	3431	3041	2726	2466	2248	2062	1903	1763	1641	1533	1437	1350	
15°	1700 kg ▶	1700									1700										38,63m 1700	
	1350 kg ▶	1700							1700							31,89m 1700	1693	1575	1470	1350		
30°	1700 kg ▶	7000				10,15m 7000	5766	4831	4148	3627	3217	2885	2611	2381	2186	2017	1871		34,71m 1700			
	1350 kg ▶	7000			8,53m 7000	5796	4684	3918	3358	2930	2594	2322	2097	1909	1748	1610	1490	1350				
45°	1700 kg ▶	1700							1700							28,50m 1700						
	1350 kg ▶	1700						1700			23,58m 1700	1669	1510	1350								

Watch the video of the
SK487-AT3 City Boy
via the QR-code



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Printed according to
environmental certifications

Lift to
the *Max.*