

ENG

Zero-emission eLift

Zero-Emission eLift

SK2400-R eLift

The strongest and most sustainable mobile tower crane ever built

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With an impressive hoisting capacity of 18t to 14.8m and 5.5t tip load, this is the strongest mobile tower crane in the world. The optional jib length of up to 50 metres enables this crane to hoist to heights of up to 60m. The crane is equipped with the latest eLift technology. Which ensures fuel savings, minimal CO2 emissions, reduced noise nuisance and lower operating costs.



Manoeuvring with remote control



100% electric hoisting



Strongest mobile tower crane



Erection in 60 minutes



Hydraulische bewegingen



Efficient transport



Autonomous erection, no auxiliary crane required for set-up



Compact outrigger base with fixed steel pads

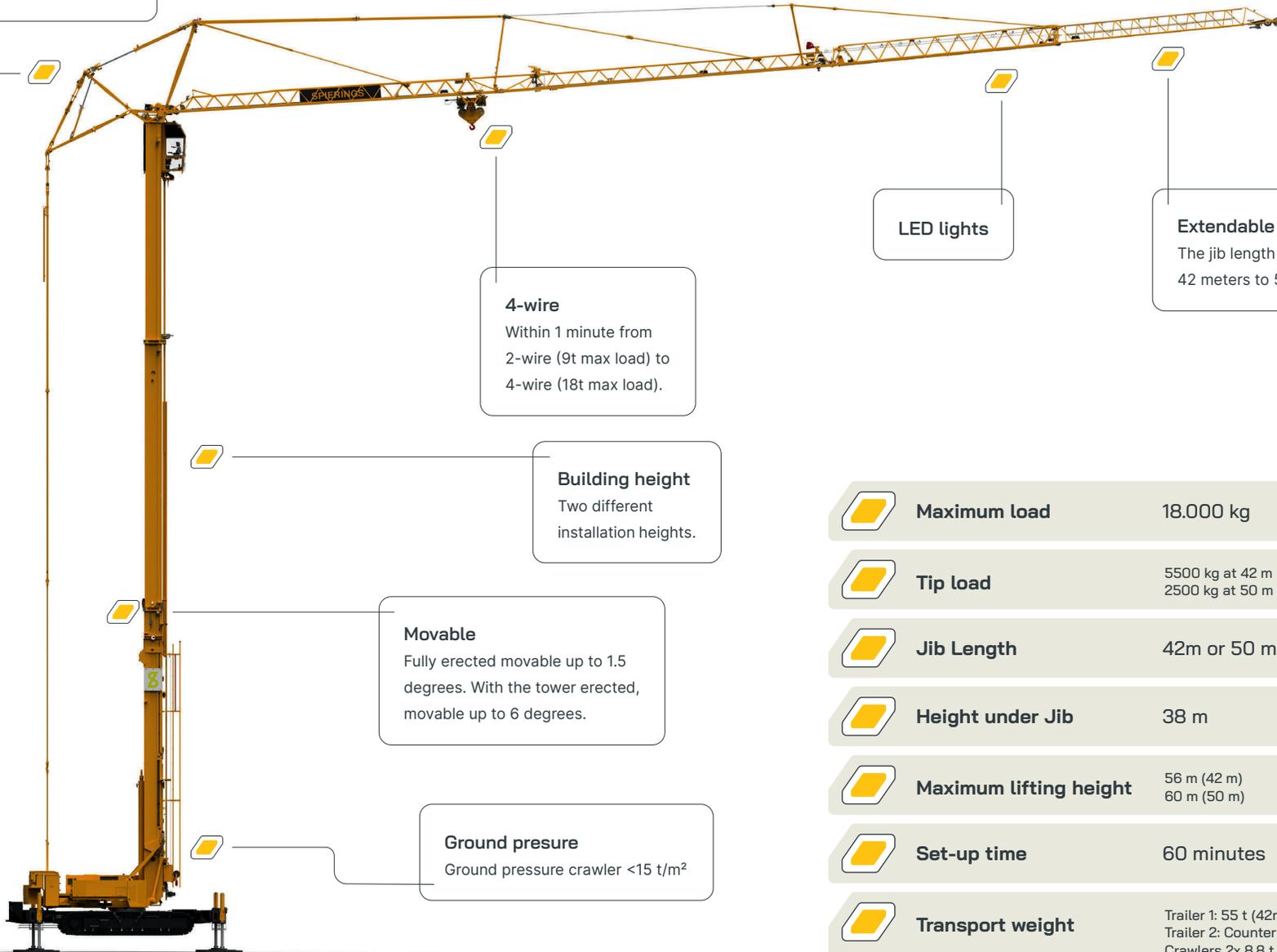


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“With the efficiency of the SK2400-R eLift, our customer saved one-third of the time during the two-year construction period.”

30° Luffed jib position

Ability to luffed the jib 30 degrees with the same lifting load (2-wire).



4-wire

Within 1 minute from 2-wire (9t max load) to 4-wire (18t max load).

LED lights

Extendable sliding Jib

The jib length can be extended from 42 meters to 50 meters (optional).

Building height

Two different installation heights.

Movable

Fully erected movable up to 1.5 degrees. With the tower erected, movable up to 6 degrees.

Ground pressure

Ground pressure crawler <15 t/m²

 Maximum load	18.000 kg
 Tip load	5500 kg at 42 m 2500 kg at 50 m
 Jib Length	42m or 50 m
 Height under Jib	38 m
 Maximum lifting height	56 m (42 m) 60 m (50 m)
 Set-up time	60 minutes
 Transport weight	Trailer 1: 55 t (42m) 55,5 (50 m) Trailer 2: Counterweight 6t- 6.2t / Crawlers 2x 8.8 t

Crane options

Standard equipped with

 Crane cabin equipped with air-conditioning

 Large outrigger plates

 Radiographic remote control for driving and hoisting

 Storage box

 Ergonomic step

 Panoramic crane cabin including 22-inch trolley camera

 Trolley camera

 Charging cable

Available options SK2400-R eLift

 50-meter jib extension

 Clear coat layer on crane for extra protection

 LED strip around stamp cylinders

 Two LED lights on upper frame

 To spraypaint the tracks parts in RAL colour

 Tinted windows crane cabin

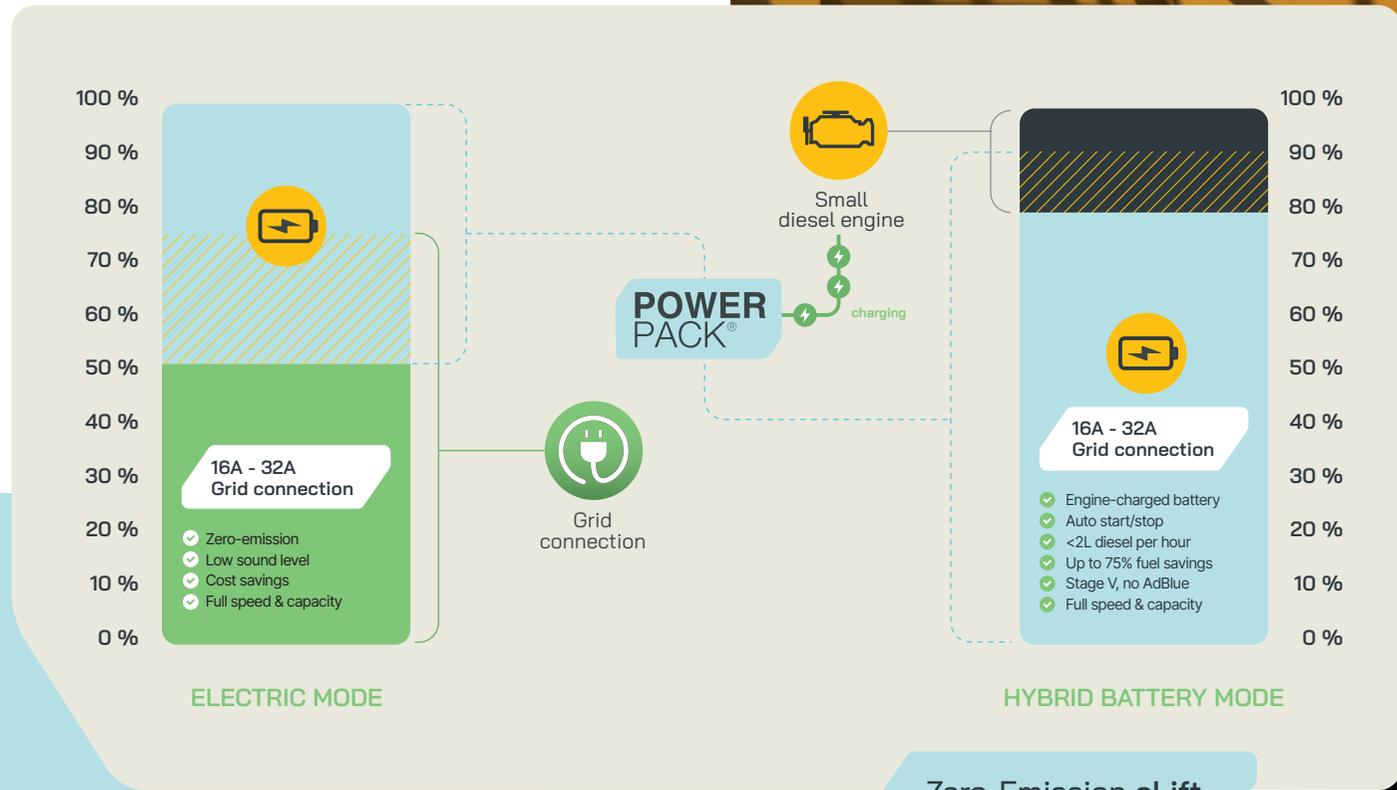
 24 months service contract



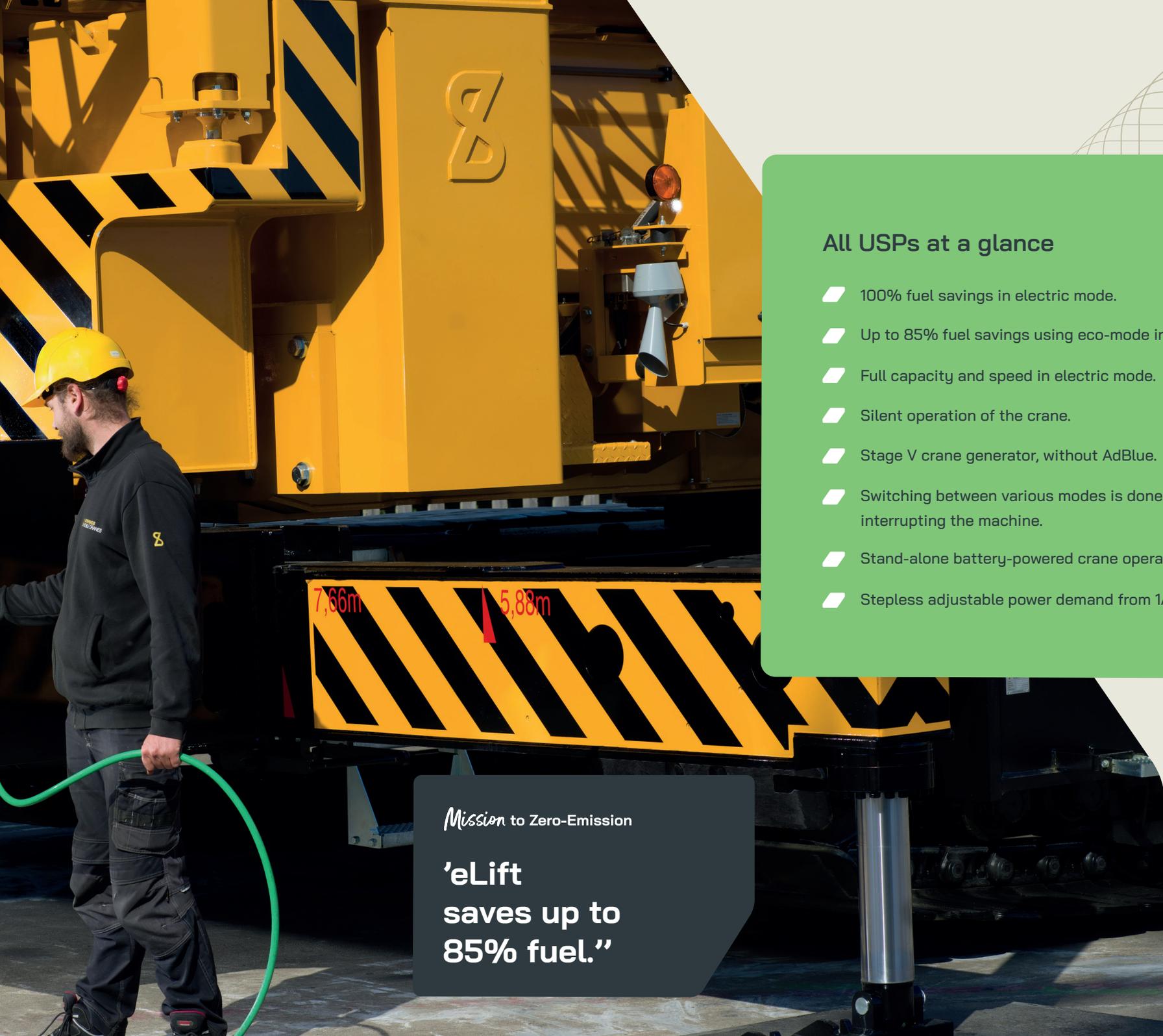
Unlimited Electric Lifting

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

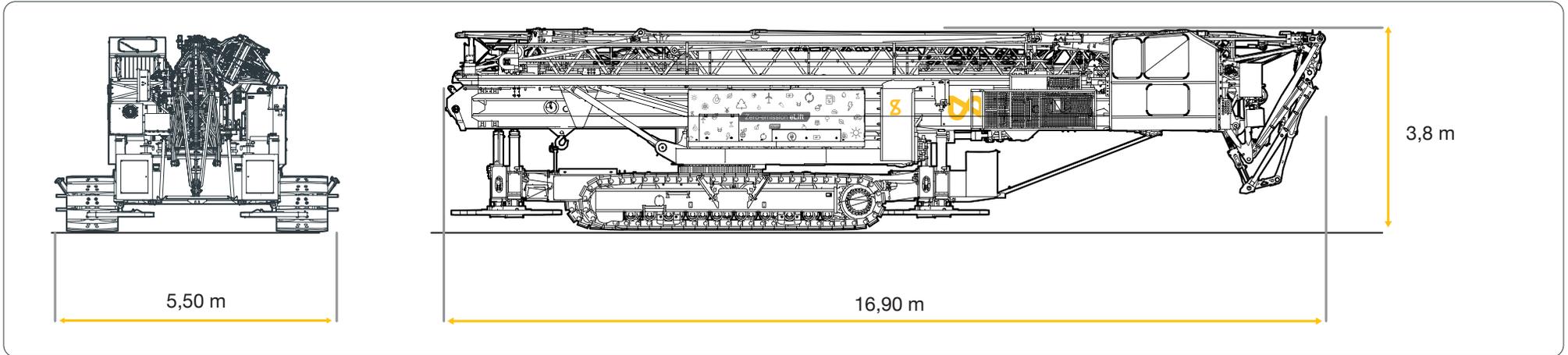
- 100% fuel savings in electric mode.
- Up to 85% fuel savings using eco-mode in hybrid mode
- Full capacity and speed in electric mode.
- Silent operation of the crane.
- Stage V crane generator, without AdBlue.
- Switching between various modes is done without interrupting the machine.
- Stand-alone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

Mission to Zero-Emission

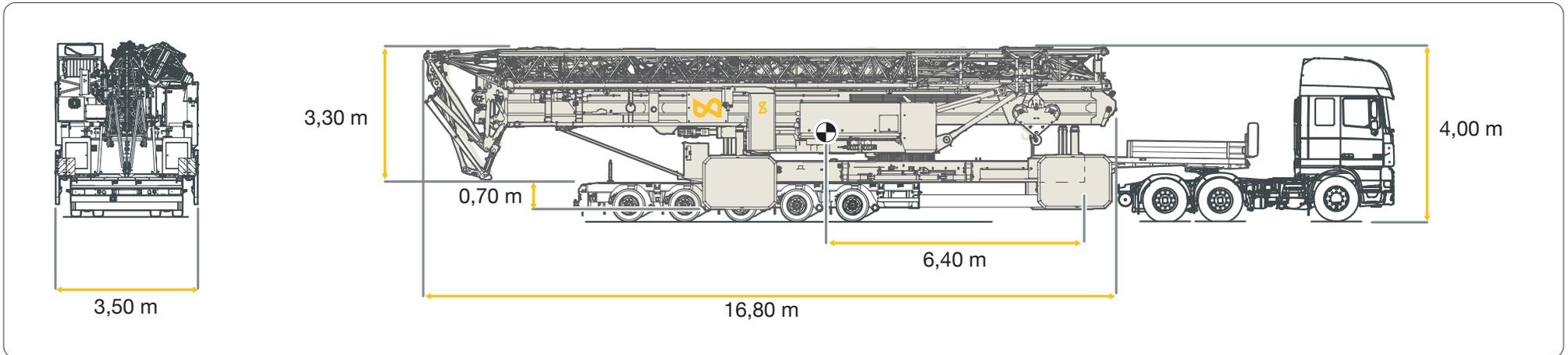
'eLift
saves up to
85% fuel.'

Transport

Dimensions on tracks



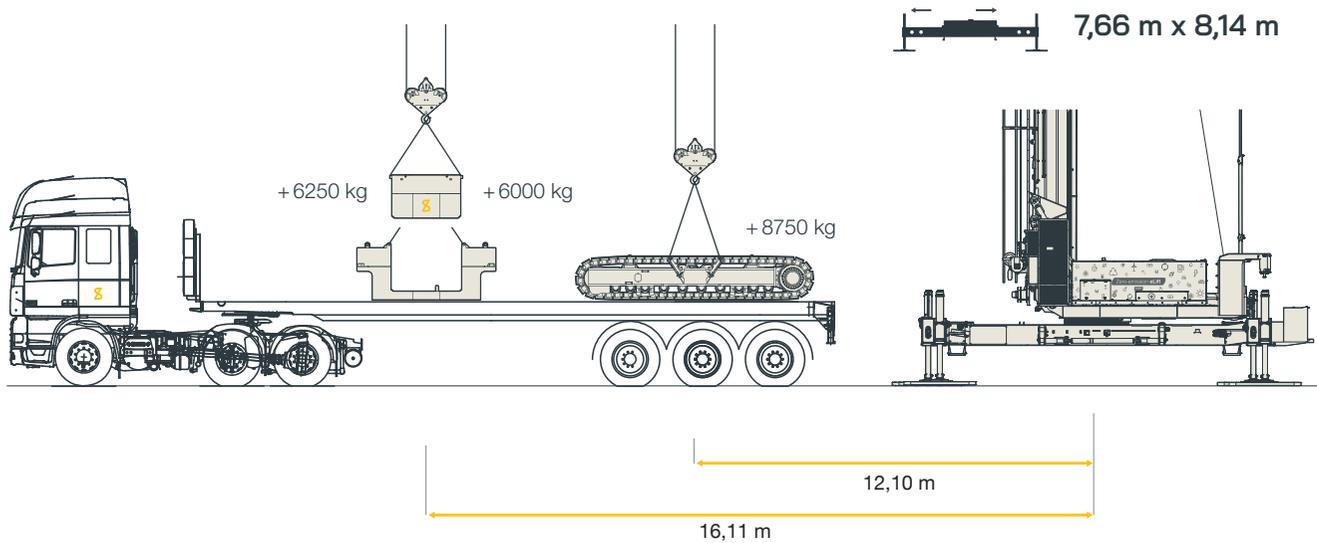
Dimensions in transport mode



Transport weight

 **Transport weight** Trailer 1: 55 t (42 m)
Trailer 2: Counterweight 6t - 6,2t / Crawlers 2 x 8,8t

 **Transport weight** Trailer 1: 55,5 t (50 m)
Trailer 2: Counterweight 6t - 6,2t / Crawlers 2 x 8,8t



42 meter
LM 2 | 2-wire

50 meter
LM 2 | 2-wire
jib retracted
42 meter configuration

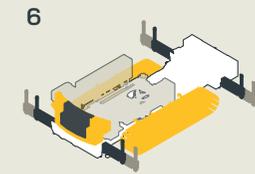
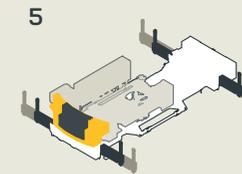
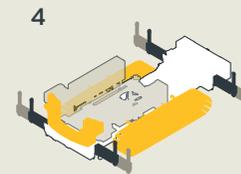
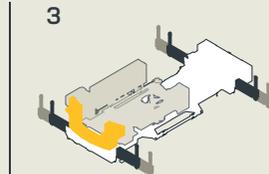
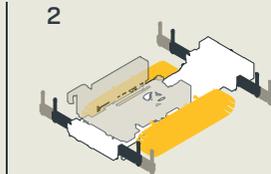
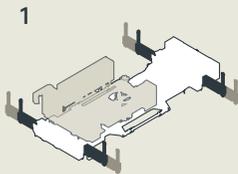
Six configurations

The SK2400-R eLift offers six possible crane configurations.

Each configuration has its own table, which is automatically recognized by the crane.

Configurations

Configuration 1	Excluding ballast	Excluding tracks
Configuration 2	Excluding ballast	Including tracks
Configuration 3	Including ballast part	Excluding tracks
Configuration 4	Including ballast part	Including tracks
Configuration 5	Including total ballast	Excluding tracks
Configuration 6	Including total ballast	Including tracks





SPIERINGS
MOBILE CRANES

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For placing the ballast and track parts no additional crane is required. Assembly and operation of the crane is possible by a single operator.

Lifting chart



7,66 m x 8,14 m

1x transporte 

		m																			
		5.24	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
 0°	11 LM 2	18000			9.43m 16731	13390	11132	9504	8274	7312	6539	5905	5374	4925	4538	4203	3909	3650	3418	3211	3025
		kg																			

		m																			
		5.24	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36,8			
 30°	11 LM 2			9000			14.80m 8204	7133	6295	5622	5070	4608	4217	3880	3588	3333	3025				
		kg																			



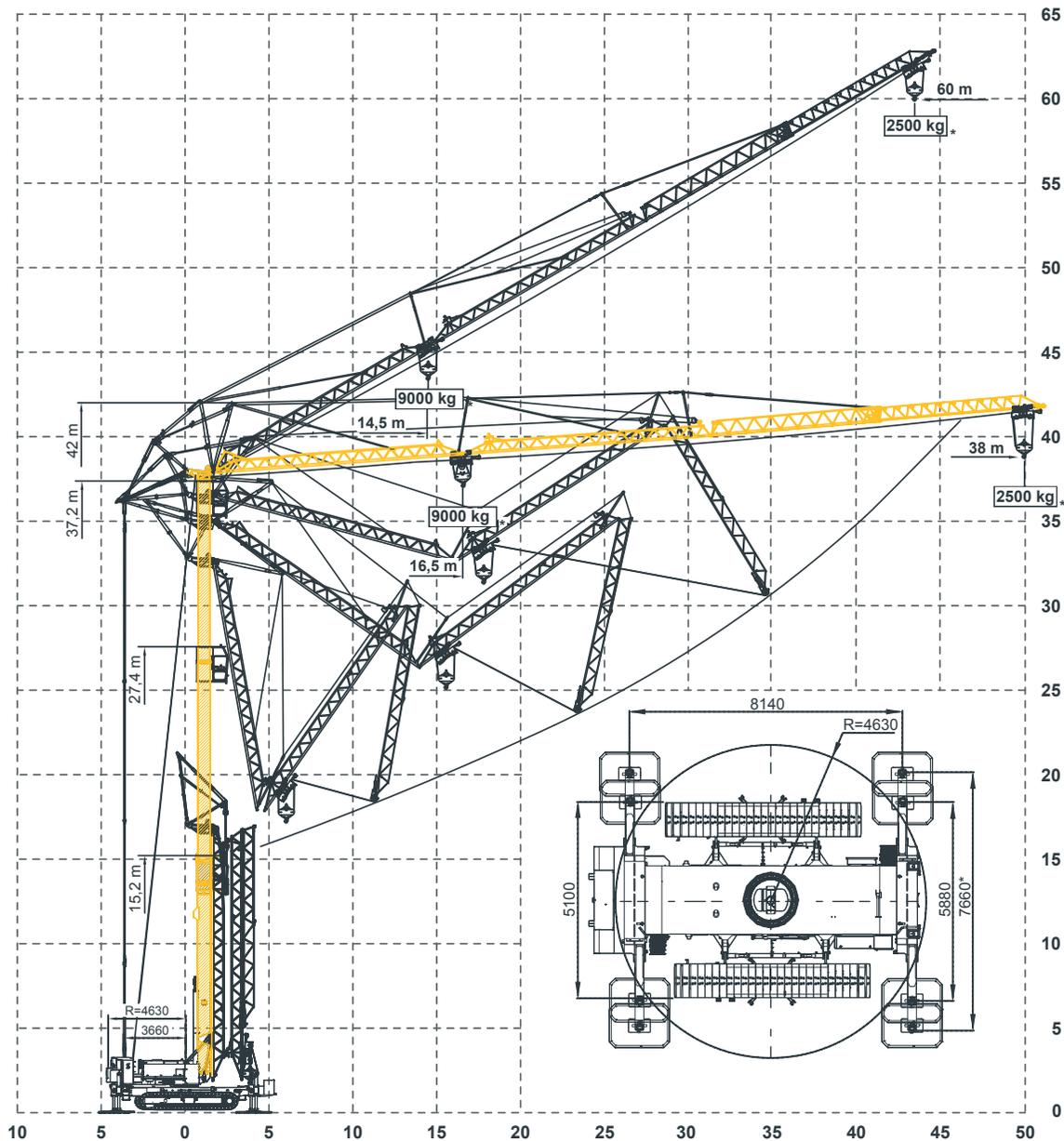
7,66 m x 8,14 m



		m																			
		3,5	6	8	10	13,5	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
 0°	LM2	18000			18000	16195	14165	12575	11300	10255	9380	8635	8000	7445	6960	6530	6150	5810	5500	kg
 30°	LM2	9000								8070	7425	6875	6395	5975	5500	36,6				

SK2400-R eLift - 50 meter

Zero-Emission eLift



Specifications

SK2400-R eLift - 50 meter

Total weight:

87.000 kg

Outrigger support base:

- 8,14 x 7,66
- 8,14 x 5,88

Outrigger support plate:

1800 x 1300 mm

Max. outrigger pressure: 520 kN

Ground pressure: 0,22 N/mm²

Turning radius:

Counterweight radius: 4630 mm

Ty bar relative to tower: 3660 mm

Lifting chart



7,66 m x 8,14 m

1x transport



= ≤ 9000 kg

= ≤ 18000 kg

= m/s

= 50m / 0°
 = 42m / 0°

= 50m / 30°
 = 42m / 30°

		m																							
		3,5	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
	14 LM 1			9000		13.55m	8652	7369	6400	5643	5034	4534	4117	3762	3458	3194	2962	2758	2576	2413	2266	1233	2012	1901	1800
	14 LM 1			9000		13.90m	8926	7605	6608	5827	5201	4686	4256	3891	3578	3306	3067	2857	2669	2501	2350				
	11 LM 2	18000	8.47m	14604	11675	9694	8266	7188	6344	5667	5110	4645	4251	3912	3618	3360	3133	2930	2749	2585					

kg

		m																						
		3,5	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	43,7		
	14 LM 1			9000		12.00m	7455	6339	5496	4837	4308	3873	3509	3201	2937	2707	2505	2328	2169	2027	1900	1800		
	14 LM 1			9000		12.32m	7701	6551	5682	5003	4457	4009	3634	3317	3044	2807	2599	2350	36.8m					
	11 LM 2	9000				13.19m	8370	7126	6187	5453	4863	4378	3973	3630	3335	3079	2855	2585	36.8m					

kg



7,66 m x 8,14 m



		m																							
		3,5	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
	17 LM 1			9000		17.09m	8471	7487	6697	6049	5507	5047	4652	4309	4009	3743	3507	3295	3105	2932	2775	2632	2500		
	17 LM 1			18000		12.73m	16099	13778	12025	10654	9553	8649	7893	7252	6702	6224	5805	5435	5106	4811	4545				
	14 LM 2	18000				13.72m	17584	15056	13147	11654	10454	9469	8646	7948	7349	6828	6372	5969	5610	5289	5000				

kg

		m																						
		3,5	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	43,7		
	17 LM 1			9000		15.09m	8391	7297	6442	5754	5190	4719	4319	3975	3677	3416	3185	2979	2795	2629	2500			
	17 LM 1			9000		20.39m	8247	7459	6801	6243	5764	5348	4983	4545	36.8m									
	14 LM 2			9000		22.07m	8174	7457	6849	6327	5874	5477	5000	36.8m										

kg

Watch the video
of the SK2400-R eLift
via the QR-code



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Printed according to
environmental certifications

Lift to
the *Max.*