



SAEZ SLH 190 Hydraulic Luffing Jib Tower Cranes



High-Density City Centres

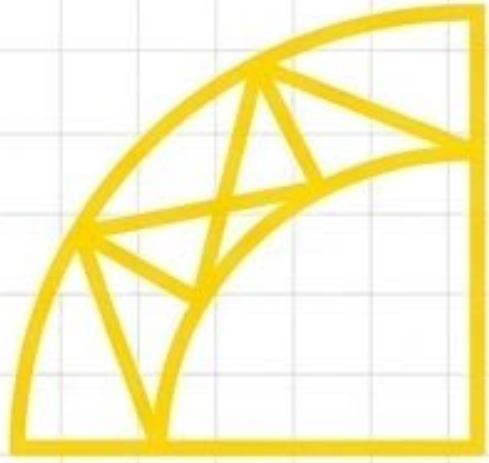
Conquering heavily restricted airspace and constrained ground footprints without compromising on heavy-duty performance.

Heavy Lifting

Delivering up to 8,000 kg capacity precisely where it's needed, minimizing lift cycles for heavy steel and precast concrete.

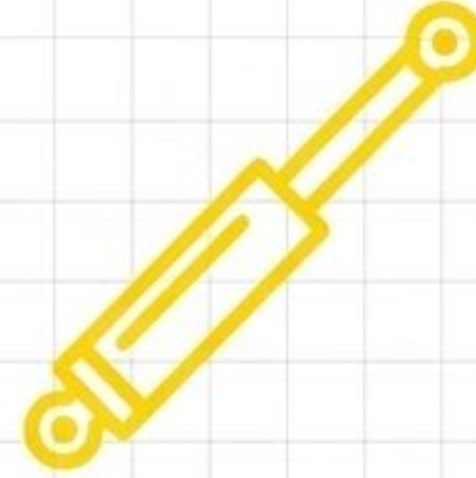
Ultra-Compact Footprint

Operating autonomously with a 36.0m freestanding mast on expendable cast-in anchors, requiring zero lateral site obstruction.



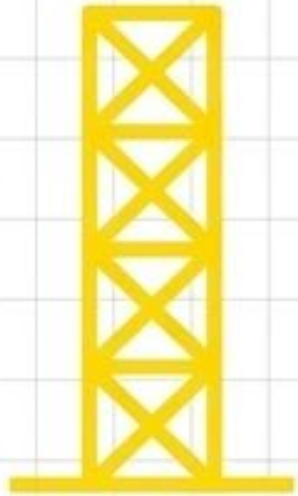
10.0m Out-of-Service Parking Radius

The jib luffs to 85°, drastically reducing or entirely eliminating costly oversailing licences and neighbour boundary disputes.



Direct Hydraulic Luffing

An enclosed, heavy-duty ram replaces wear-prone wire rope systems. Achieves full articulation from 1° to 85° in just 2.0 minutes.



36.0m Height Under Hook

Operates 100% freestanding. Eliminates the engineering costs, installation time, and façade repair work associated with building wall ties.

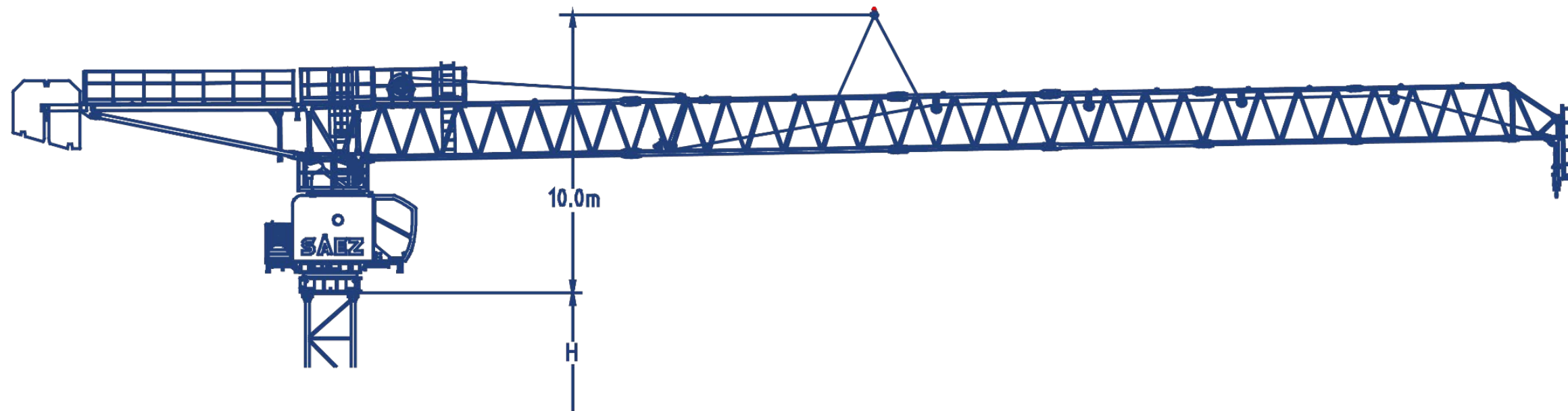


Zero Lateral Obstruction

Supplied on cast-in foundation anchors, leaving the ground completely unobstructed for immediate basement digs and slab pours.

50 hp (37 Kw) Frequency Inverter

Features a Lebus grooved drum with a massive 715 wire rope capacity (12.5 mm diameter).



22 Kw Frequency – Controlled Drive

Operates seamlessly from 0 to 0.8 r.p.m, providing absolute precision for micro-movement inching during heavy material placement.

Heavy-Duty Direct Hydraulic Cylinder

Fully enclosed system integrated with safety counter balance valves for smooth, precise hook positioning

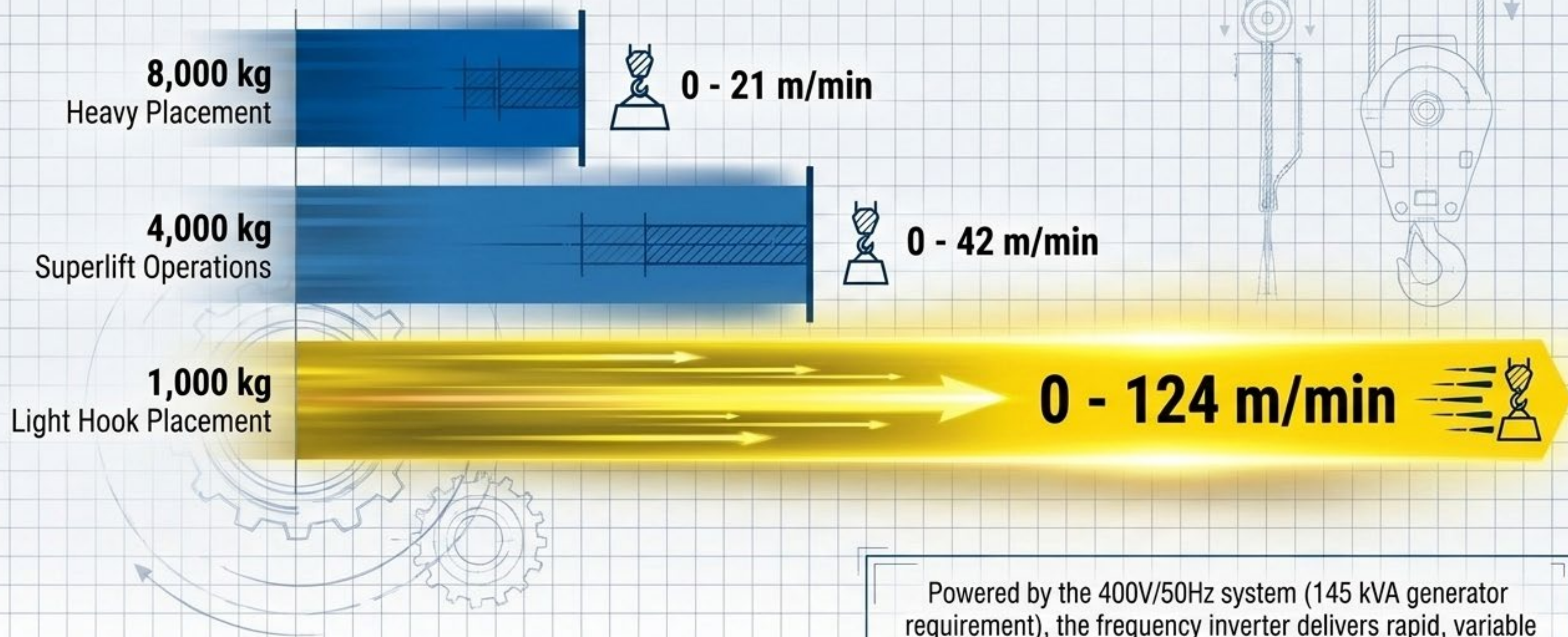
SUPERLIFT CAPACITY BOOST & LOAD ALLOWANCES

50 m

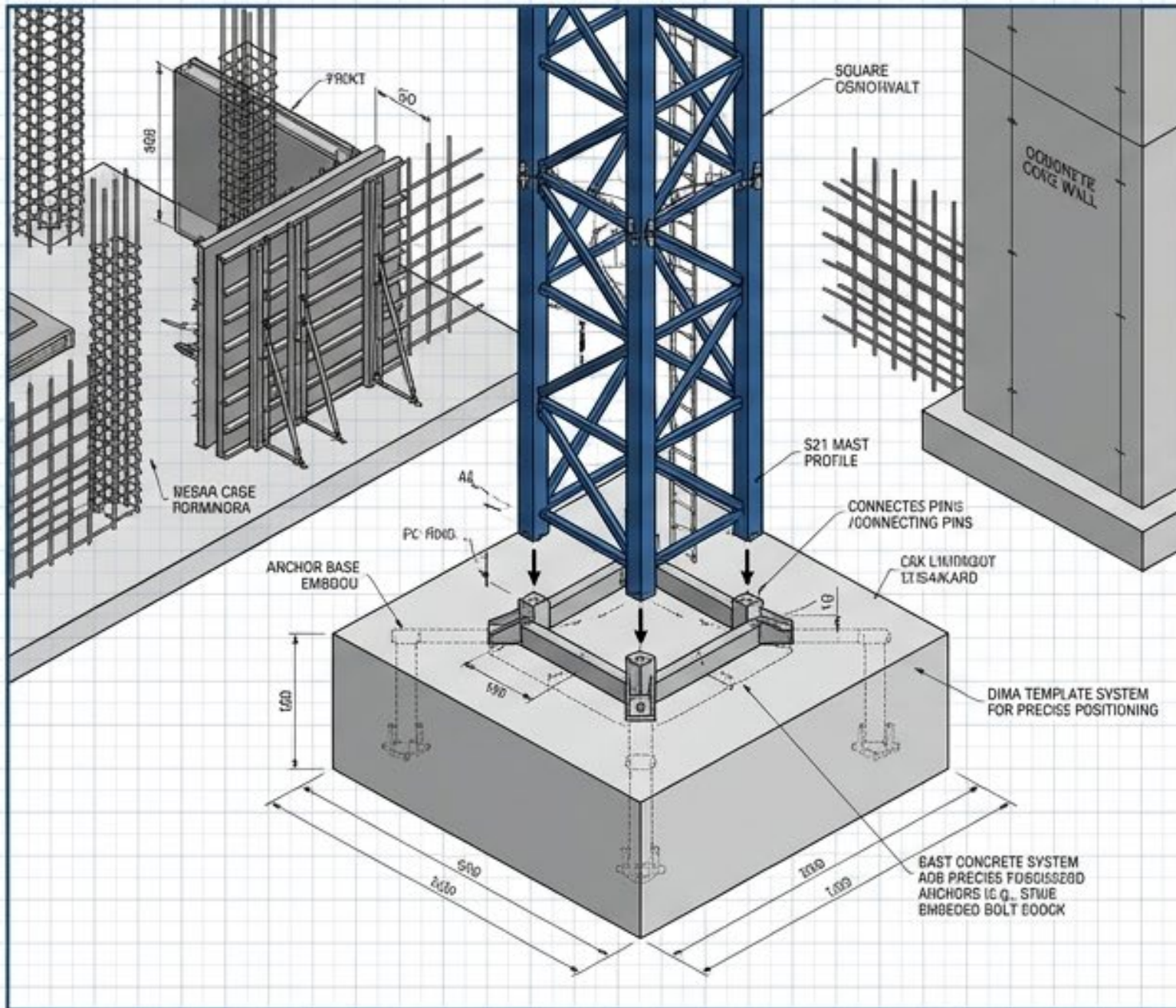

Max. load	10	15	20	25	30	35	40	45	50	m
38.4m	4000	4000	4000	4000	4000	4000	3870	3380	3000	Kg
41.1m	4000	4000	4000	4000	4000	4000	4000	3740	3300	Kg Superlift 
26.8m	6000	6000	6000	6000	5250	4440	3910	3400	3000	Kg
28.7m	6000	6000	6000	6000	5800	4880	4280	3740	3300	Kg Superlift 
19.0m	8000	8000	7930	6540	5260	4450	3910	3400	3000	Kg
21.0m	8000	8000	8000	7140	5800	4880	4290	3740	3300	Kg Superlift 

Superlift Mode enabled by the 37 kW drive intelligently optimizes maximum load allowances across the entire jib length.

MAXIMUM HOISTING SPEED BY LOAD WEIGHT



Site Integration: Foundation & Footprint



Configuration: 36.0m Height Under Hook (HUH)

Mast Profile: S21 Mast Profile

Anchor System: Expendable S70/S75 foundation anchors (e.g., S70/8 at 1,122 kg) positioned via supplied Dima templates.

The Structural Reactions

Overturning Moment (M)	~531.6 t.m
Total Vertical Load (SP)	~65.9 t
Corner Compression (R1)	176.2 t
Corner Tension (R2)	-209.1 t

Commercial Supply Scope

Complete upper-works (hydraulic luffer, cabin, inverter).

Complete 50.0m lattice jib assembly.

Complete freestanding mast & fixing angles.

Full counter-jib ballast package.

Technical Aftercare

Temporary works reaction data sheets.

Full lift plans and method statements.

Comprehensive site commissioning support.