



SÁEZ
cranes

LIFTING THE **FUTURE**

Luffing-Jib
Tower Crane

SL 320

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■ **SL 320 Main Characteristics**

■ **Electrical Features**

- Mitsubishi 5.7" HMI, Colour Touch Screen.
- All cabinets and brake-resistor cowling in Stainless steel.
- KÜBLER Safety Encoders.

■ **Motors**

Hoisting:

- Motor: 90Hp, Inverter (67kW).
- Manufacturer: Magnetic.
- Drive: VACON.
- Forced Ventilation unit.
- Service brake.
- Hoist gearbox: ROSSI MOTORIDUTTORI.
- Lebus drum: For 700m cable.
- Hoist cable: Ø16mm, PFEIFER.
- Stainless steel hoist-cabinet.
- Stainless steel brake resistors.

Luffing:

- Motor: 90Hp Inverter (67kW).
- Manufacturer: Magnetic.
- Drive: VACON.
- Forced Ventilation unit.
- Luffing gearbox: ROSSI MOTORIDUTTORI.
- Luffing drum: Lebus.
- Luffing jib cable: Ø 16mm PFEIFER.
- Emergency brake: Svendborg.
- Luffing cabinet in stainless steel.
- Stainless steel brake resistors.

Slewing:

- Motor: 2 x 72Nm DC (10.8kW).
- Manufacturer: Magnetic.
- Power: 2 x 10.8 kw.
- Drive DC/AC: Parker.
- Forced Ventilation unit.



■ Control Systems

- Hoist and luffing mechanisms controlled by VACON inverters.
- Slewing mechanism run by a DC PARKER converter that controls the slewing torque continuously in accordance with the load and jib angle.
- Safety PLC to enhance safety performance level (compliant with International standard IEC 60669-1).
- Infinitely variable speeds with progressive non-linear joysticks.
- Options to work with 400V-50Hz or 460V-60Hz.
- Data logger included.
- Global remote assistance (optional).
- Integrated zoning systems (optional).
- All control systems have more than 20 years of field experience.

■ Operation and Comfort

- DELUXE panoramic cabin made in the Sáez factory
- Fully ergonomic seat for extra comfort
- High durability joysticks, German manufactured.
- 5.7' colour touch-screen cabin display.
- Tempered, tinted glass with UV protection.
- Front and top windshield wipers.
- 220V power supply socket.
- USB power supply socket.
- Air conditioning (optional).

■ Accessories and Packing

- FREESTANDING heights of 72.4 metres and above.
- External and internal climbing systems available.
- Loading in 40' High Cube containers (not Open Tops).

■ Hoist and luffing mechanisms

- 5-speed hoist and 4-speed luffing gear.
- Micro-positioning of the loads.
- Automatic speed adjustment.
- Reduction to 1/4 of hoist and luffing speed in position-mode.
- High load-free lowering speed.
- 2, 3 and 4 Falls hook-setting.
- Working height up to 350 metres.
- Minimal current starting peaks.
- 67Kw hoist motor compatible with 67Kw luffing motor.
- Safety brake in the luffing mechanism.
- Safety brake in the hoist mechanism (optional).
- Stainless Steel electrical cabinets.
- Original Lebus drums.
- PFEIFER wire cables.

■ Slewing Mechanism

- 3-speed slewing gear.
- Progressive slewing with an anti-swing system.
- Variable torque brake.
- Slip ring.



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