

snake 2010 compact REL



DESCRIPTION OF THE TECHNICAL FEATURES

BASE FRAME

High-quality tubular steel and steel sheet framework, bolted to the truck chassis, equipped with 4 enclosed telescopic outrigger feet. The frame is completed with a non-slip aluminium work platform with side access ladder and any optional features requested.

ARM-BEARING TURRET

High-quality steel sheet mounted on the rotation thrust ball bearing with a worm screw system. The turret is rotated by a hydraulic motor coupled to a worm screw which engages with a crown incorporated into the frame.

STANDARD PANTOGRAPH UNIT

The system used to lift the work arm consists of two pairs of bars, both the same length, which are driven by a hydraulic jack at the base and a connecting rod transmission between the two pairs of bars. The combination of the same bar length and lever transmission between the two systems allows the operator's platform to be moved vertically with accuracy to the nearest millimetre (plumb line pantograph manoeuvre). This lifting feature means obstacles at work heights of 8 m can be manoeuvred round.

OPERATOR'S ARM

Featuring hydraulic telescopic extension and chain transmission, the operator's arm is built of press-formed and welded high-yield strength steel sheet.

For increased protection, it houses the hydraulic extension cylinder and the trunking for the hydraulic lines running to the operator's platform.

OPERATOR'S PLATFORM

Built entirely of aluminium and fitted with two spacious side gateways to facilitate the operators' access. The gateways are protected with a drop-down safety bar.



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Share capital (fully paid up): €362,400,00
Tax code/VAT n. 02313650364

OPERATOR'S PLATFORM LEVELLING

Implemented by a hydraulic pantograph system, the operator's platform contains two timed cylinders which can be reset manually in the horizontal condition.

CONTROLS

Equipment fitted with a mixed control and monitoring system: hydraulically controlled stabilisation while aerial section is electrohydraulically controlled.

Stabilisation: carried out by a hydraulic distributor with independent and contemporaneous manoeuvring of outriggers located on the base frame.

Superstructure: single electric control post that allows several manoeuvres to be performed at once:

- on the base frame, the operator can control the machine in emergency conditions using the distributor levers
- on the basket, the operator can control the machine from the electric control pulpit.

STANDARD SAFETY DEVICES

- Fasteners for safety belts
- Arm lock when machine is not stabilised
- Stabiliser lock when machine is open
- Self-locking device on rotation unit
- 'Minimum stabilisation reached' detection device to guarantee maximum safety levels
- Use and maintenance manual
- Momentum limiter
- Hand pump for emergency lowering
- Max. pressure valve on hydraulic circuit
- Overload/differential protection devices on electrical system
- Lock valves on all cylinders

ACCESSORIES FITTED AS STANDARD

- Truck engine start/stop control on both ground control post and platform control post
- Safety belt qty: 02
- Hour meter
- Device (on truck dashboard) to signal outriggers not in resting position
- Hydraulic platform rotation
- 220 V AC single-phase electric power socket on platform with differential overload switch
- Yellow rotating lamp mounted on truck cab
- Power take-off engaged signal light (on truck dashboard)



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FEATURES AND PERFORMANCE

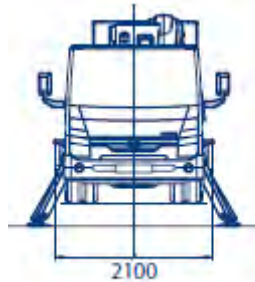
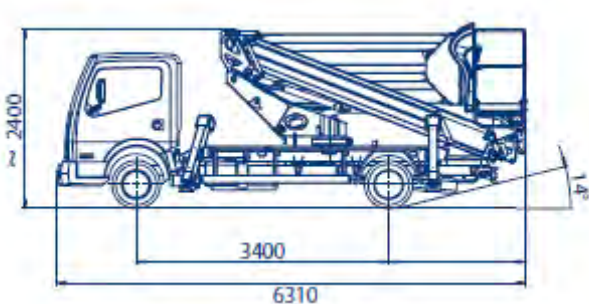
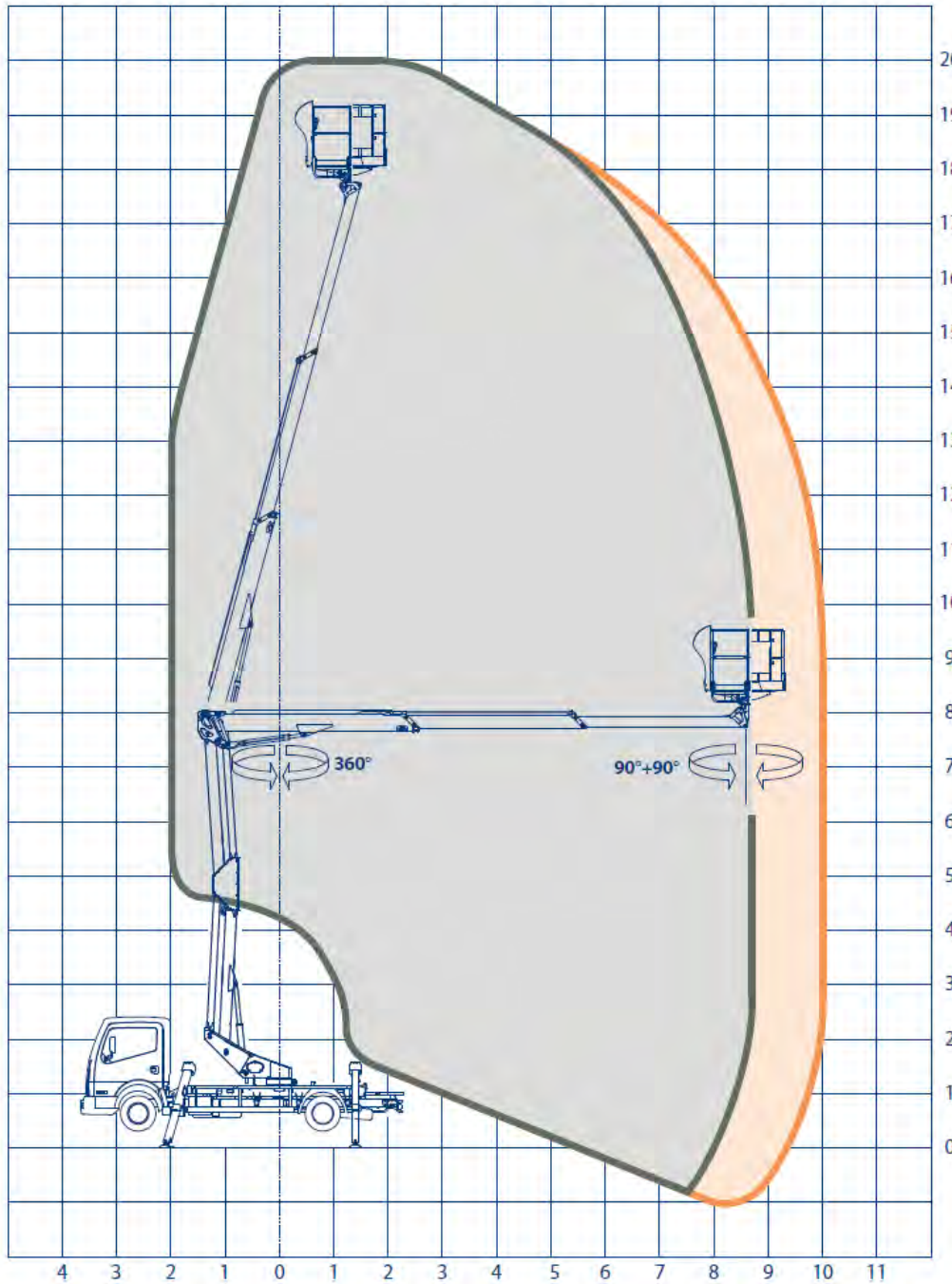
Max. working height	20 m
Max. working outreach	10 m
Maximum capacity	200 kg = (2 operators)
Aluminium operator's platform dimensions	1400 x 700 xh 1100 mm
Stabilisation controls	Hydraulic
Aerial section controls	Electrohydraulic
Turret rotation	360°
Platform rotation	90° to the right + 90° to the left
Stabilisation	Four enclosed telescopic sloping outriggers
Machine length	6310 mm
Machine height	2400 mm
Machine width	2100 mm
Minimum GVW for installation	3.5 ton
Minimum truck wheelbase	3400 mm

ACCESSORIES AVAILABLE ON REQUEST

- Underrun protection bars
- Plastic tool box, dim. 500 x 400 x h 400 mm, for underbed housing
- Truck side guards
- Machine wax finish
- Two-man fibreglass platform instead of standard version
- 60 W lamp on platform powered by truck batteries (only available with optional electric socket) including 12 V socket
- Homing function – machine closure
- 220/110 V AC 2.2 kW single-phase auxiliary electric pump comprising electric control panel and mains-powered battery charger
- Multi-purpose power line to platform with quick couplings
- Outrigger base plates
- Oil tank guard
- Joint guard
- Additional yellow rotating lamp with magnetic fixture
- Heat exchanger
- Stickers with wording on boom
- Compact fuel tank
- Planarity control stabilisation
- Electric stabilisation/destabilisation control
- Red/white reflective strips for trucks
- Non-standard paintwork (RAL 9016 white)
- Extra paintwork for truck cab



WORK AREA AND FIGURES



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