FORCE LIFT

FORCE LIGTH 10AI

WORKING HEIGHT 10m	**PLATFORM ROTATION** 360º	**OUTRIGGERS** 2 x A
BASKET HEIGHT 8,5m	**BASKET DIMENSION** 0,7 x 0,7 x 1,1 m	**CONTROLS** Hydraulic
LATERAL REACH 4,8m	**BASKET TYPE** Fiberglass	**GVW** 3.000kg
LOAD CAPACITY 136 kg	**BASKET ROTATION** 0º	**WINCH** No

WORK TABLE

The equipment is designed, manufactured, and tested in accordance with ANSI A92 and NBR 16092 standards, meeting the requirements established by the Ministry of Labor through NR-12, Annex XII, Chapter 2.
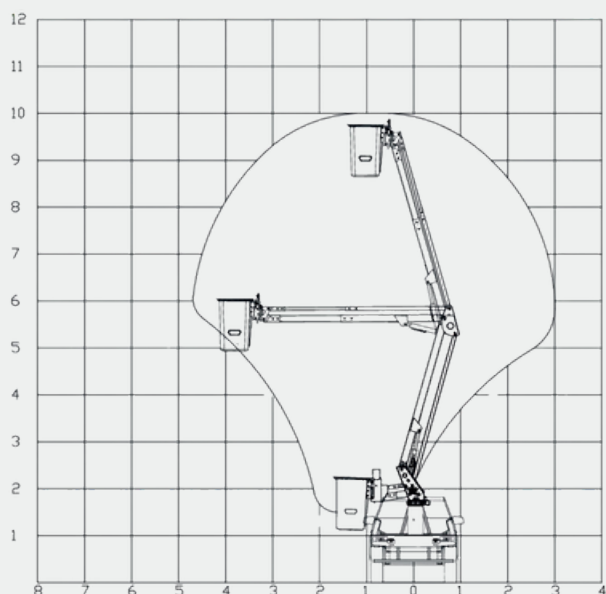
STANDARD EQUIPMENT

Overview: We present the FORCE Light 10Ai articulated aerial platform, designed to be mounted on the chassis of 4x4 single or double cab vehicles. It features a high-quality steel structure. The base supporting the entire structure is located above the sub-chassis.

Single Pantograph Arm Group: This group allows for reduced installation width and enables a distribution of stabilizing loads to overcome intermediate obstacles between the equipment and the work area. The two articulated arms serve as the connecting elements between the rotating tower and the main telescopic boom.

Operational Boom: The boom is tubular in design, with a working range from -5º to +75º based on the horizontal. All hydraulic hoses are situated inside the boom, meaning there are no external elements that could be damaged by impacts or collisions with obstacles during various work phases.

Basket Leveling: System with a mechanical leveling bar, actuated in conjunction with the platform's articulated boom.

Leveling Bar: Basket leveling system that does not use chains, significantly reducing volume and maintenance costs.

Basket Access: The basket's positioning is designed for easy access and potential rescues.

TECHNICAL SPECIFICATIONS

• Fiberglass basket
• Hydraulic controls
• 2 stabilizing pads
• 46Kv insulation
• Powered by electric motor pump
• Working pressure at 160 BAR
• Optional hydraulic tool outlet

SAFETY DEVICES

• Emergency stop buttons
• Manual pump for emergency descent
• Controls
• Flanged lockout valves on all cylinders
• Maximum pressure valves on the hydraulic system
• Thermal protection on the electrical system
• Safety belt hooks in the basket*
• Remote controls from the basket for engine start/stop and vehicle horn.