



# AERIAL WORK PLATFORMS

## PNT 210 JD4

ISOLI S.p.A. via Boschi, 44 35014 Fontaniva (Padova) ITALY  
tel. +39.049/9438611 fax. +39.049/9438600 / p iva 0020297 028 1

### Truck-mounted aerial lift work platform



#### Specifications

Performances:

Double pantograph - 2 sections boom + jib) Max working height: 20,5 mMax working outreach: - 9,8 m with 250 kg with beams extended - 9,8 m with 120 kg and 7,4 with 250 kg with beams retracted in the shapeThe system with basket load cell allows max accuracy and repeatability and, in addition, it allows to keep always the possibility to move the jib in all the position of the working envelope(jib movement is never stopped by outreach limiter)Jib angle: 140° (-115° / + 25° referred to the boom)Pantograph height: more than 9,0 m with perfectly vertical movementTurret slewing angle: 600°Max payload : 250 kg (with load cell by MOBA) Increased working area and more flexibility thanks to increased angle of jib and 4 stabilizationmode that allows to work, also with beams completely retracted, at the max outreachand max height with basket load up to 120 kg

Pantograph height: more than 9,0 m with perfectly vertical movementTurret slewing angle: 600°

- Reduced height in driving condition : 2600 mm- Front and rear beams with horizontal hydraulic extension; all vertical stabilizers with high extra stroke after rear spring leaf unload- Stabilizers extra stroke: 150 mm

Boom profile with increased stiffness and reduced weightExtension cylinder, hoses and cables inside the boom4 hydraulic outriggers type 'HE+HE' with minimum stabilization control and 4 stabilization mode 600° turret rotationHydraulically operated double pantograph lifting frame/ 2 sections telescopic boomHydraulically operated pantograph jib (fly boom)Aluminium working basket for 2 persons dim. 1400x710x1100 mm, capacity 250 kg, rotating at 90° RH and 90° LHBasket load warning led and control device locking the movements when the nominal capacity is exceededAutomatic basket leveling by means of double jackOutreach limiterDual electro-hydraulic control panels: one under the platform deck for emergency manoeuvres and one in the basket with proportional operatingLocking and balancing valves on all the jacks. Security interlocking system between outriggers and superstructureEmergency descent system by means of a hand pump operated from the platform.Ground positioning near the basketGround panel with emergency functionsVehicle's cabin and stabilizers anti-collision device1 magnetic orange rotating lightEngine start/ stop operated both from the basket and from the vehicle220 V electric outlet in the basket with life-saving differentialBasket access ladderMudguards on rear wheelsCE markPainting of the equipment

#### Accessories

In the vehicle cab

- Manual engagement of the PTO with lamp of PTO engaged.- Red pilot lamp and buzzer that warn about stabilizers not in driving condition.

Lower control

- New graphics-Control unit automotive type- Proportional control of the movements with joystick- Basket leveling only with boom in stow position- Button for safe emergency movements in case of basket forced under obstacles- Home Function (optional)- Led about stabilization- Led about machine state

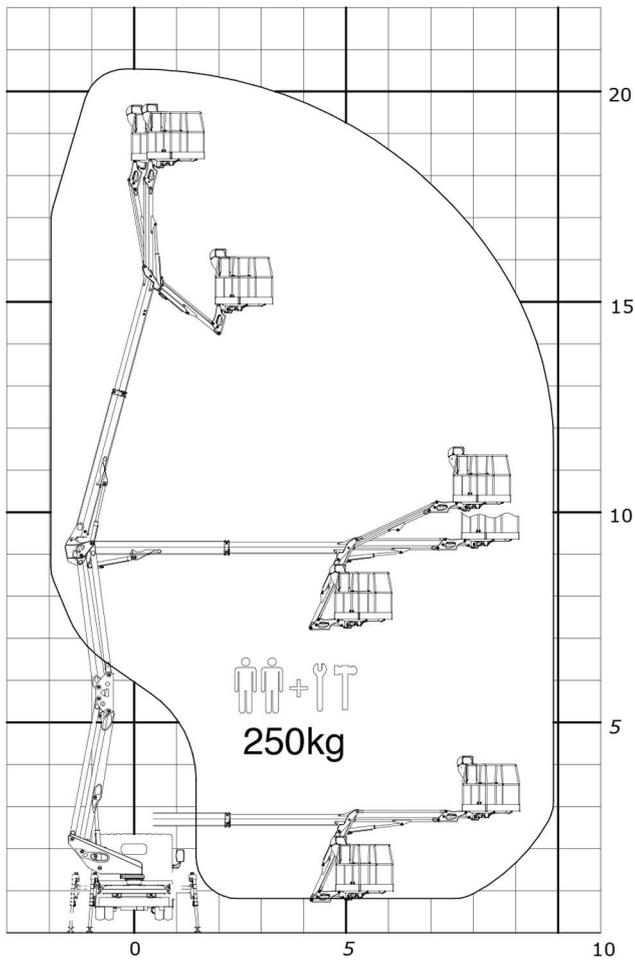
Basket control

- CAN-BUS control panel designed in co-operation with AUTECH- New graphics- Joysticks with proportional control and simultaneous movements- Acceleration / deceleration ramps controlled by control unit- Basket leveling only with boom in stow position- Button for safe emergency movements in case of basket forced under obstacles- Led about stabilization- Led about machine state- Diagnostic led

Operator helps

Anti-collision system for vehicle cabinAnti-collision for rear protection barAnti-collision system between basket and jibGreen led for turret aligned in stow positionGreen led for basket aligned in stow positionInformation about basket load

AREA DI LAVORO CON TRAVERSE ESTESE  
WORKING AREA WITH BEAMS EXTENDED



AREA DI LAVORO CON TRAVERSE RETRATTE  
WORKING AREA WITH BEAMS RETRACTED

