## VAO ONLONI TELESCOPIC BOOM LIFTS

Comply with CE/ANSI/GB Standard

#### **FEATURES**

#### Standard Features

Horn

All motion alarm

Proportional control

Self-closing entry gate

Flashing amber beacon

GPS positioning and tracking system

Remote monitoring and rental management system

Auto-leveling system

Emergency stop button

Over tilt protection system

Emergency descent system

On-board diagnostic system

Oscillating axle

4.3' LED display

Load sensing system

Swing-out engine tray

#### **Accessories & Options**

Platform work lights

Anti-collision device

AC power to platform

### **HIGHLIGHTS**

- Better work envelop performance, 10% larger than competitor.
- Zoomlion AWM Remote Monitoring and Rental Management System.
- Industry leading telematic control interface with self-diagnostic monitoring capability.
- Platform dual capacity design, up to 300/454kg.
- Smooth & stable boom extension control as low as 15mm/s.



**ACCESS WITH ZOOMLION GREEN** 

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# MAIN SPECS OF TELESCOPIC BOOM LIFTS

#### Comply with CE/ANSI/GB Standard

| Size  | Model                                       | ZT26J           | ZT20J           |  |
|---|---|-----------------|-----------------|--|
| Platform Height         26.20 m         20.75 m           Horizontal Outreach         22.71 m         16.80 m           A - Stowed Length         12.5 m         10.36 m           B - Stowed Width         2.49 m         2.49 m           C - Stowed Height         2.80 m         2.78 m           D - Platform Length         2.44 m         2.44 m           E - Platform Width         0.91 m         0.91 m           F - Wheelbase         3.05 m         2.52 m           Wheelbase         2.05 m         2.13 m           G - Ground Clearance         0.40 m         0.42 m           Performance           Platform Capacity (Unrestricted/Restricted)         300 kg / 454 kg         300 kg / 454 kg           Drive Speed (Working)         5.5 km/h         6.0 km/h         6.0 km/h           Gradeability         45% (24°)         45% (24°)         15% (24°)           Turning Radius (Inside)         3.66 m         2.4 m         10           Turning Radius (Outside)         6.86 m         5.4 m         10           Turning Radius (Sinide)         4.90°         ±90°         ±90°           Tail Swing         1.60 m         1.45 m         1.55 (-60°-75°)         135 (-60°-75°)  |   | Size            |                 |  |
| Horizontal Outreach   | Work Height                                 | 28.20 m         | 22.75 m         |  |
| A - Stowed Length B - Stowed Width 2,49 m 2,49 m 2,49 m 2,44 m 2,44 m D - Platform Length 2,44 m 2,52 m 2,13 m 3,05 m 2,13 m 3,04 m 4,24 m 2,44 m 300 kg / 454 kg 3 | Platform Height                             | 26.20 m         | 20.75 m         |  |
| B - Stowed Width 2.49 m 2.49 m 2.78 m 2.78 m 2.78 m 2.78 m 2.78 m 2.44 m 2.45 m 2.52 m 2.75 m 2.52 m 2.13 m 2.52 m 2.13 m 2.52 m 2.13 m 2.6 G - Ground Clearance 0.40 m 0.42 m 2.13 m 300 kg / 454 kg 300 kg / 454 kg 300 kg / 454 kg 2.55 km/h 6.0 km/h 6.86 m 2.4 m 2.4 m 2.40 m | Horizontal Outreach                         | 22.71m          | 16.80 m         |  |
| C - Stowed Height       2.80 m       2.78 m         D - Platform Length       2.44 m       2.44 m         E - Platform Width       0.91 m       0.91 m         F - Wheelbase       3.05 m       2.52 m         Wheelbase       2.05 m       2.13 m         G - Ground Clearance       0.40 m       0.42 m         Performance         Platform Capacity (Unrestricted/Restricted)       300 kg / 454 kg       300 kg / 454 kg         Drive Speed (Working)       5.5 km/h       6.0 km/h         Gradeability       45% (24°)       45% (24°)         Turning Radius (Inside)       3.66 m       2.4 m         Turning Radius (Outside)       6.86 m       5.4 m         Turning Radius (Outside)       6.86 m       5.4 m         Turning Radius (Outside)       4.90°       ±90°         Tail Swing       1.60 m       1.45 m         Jib (Range of Articulation)       130° (−55°-75°)       135° (−60°-75°)         Max. Working Slope       3°       3°         Max. Wind Speed       12.5 m/s       12.5 m/s         Engine       Deutz TD29,14/<br>Cummins QSF2.8       Deutz D447 Lu/<br>Perkins 404D-22T         Fuel Tank Capacity       150 L       130 L   | A - Stowed Length                           | 12.5 m          | 10.36 m         |  |
| D - Platform Length E - Platform Width O.91m O.91m F - Wheelbase 3.05 m 2.52 m Wheelbase 2.05 m 2.13 m G - Ground Clearance O.40 m O.42 m  Performance  Platform Capacity (Unrestricted/Restricted) Orive Speed (Working) Orive Speed (Working) S.5 km/h G.0 km/h Gradeability 45% (24°) 45% (24°) Turning Radius (Inside) 3.66 m 2.4 m Turning Radius (Outside) G.86 m 5.4 m Turntable Swing 360° continuous Platform Rotation ±90° ±90° Tail Swing 1.60 m 1.45 m Jib (Range of Articulation) 130° (−55°-75°) Max. Working Slope 3° Max. Wind Speed 12.5 m/s  Power  Engine Deutz TD2.9 Lt// Cummins QSF2.8 Perkins 4040-22T Fuel Tank Capacity 150 L 130 L Control Voltage 12 V DC Hydraulic Tank Capacity 150 L Drive Mode Front-wheel Front-wheel  Tire  Type Type  15-625 Foam-filled Tires  | B - Stowed Width                            | 2.49 m          | 2.49 m          |  |
| E - Platform Width 0.91m 0.91m 0.91m F - Wheelbase 3.05 m 2.52 m Wheelbase 2.05 m 2.13 m G - Ground Clearance 0.40 m 0.42 m  Performance  Platform Capacity (Unrestricted/Restricted) 300 kg / 454 kg 300 kg / 454 kg Drive Speed (Working) 5.5 km/h 6.0 km/h Gradeability 45% (24°) 45% (24°) Turning Radius (Inside) 3.66 m 2.4 m Turning Radius (Outside) 6.86 m 5.4 m Turntable Swing 360° continuous 360° continuous Platform Rotation ±90° ±90° Tail Swing 1.60 m 1.45 m Jib (Range of Articulation) 130° (-55°-75°) 135° (-60°-75°) Max. Working Slope 3° 3° Max. Wind Speed 12.5 m/s 12.5 m/s  Power  Engine Deutz TD2.9 L4/ Cummins QSF2.8 Perkins 404D-22T Fuel Tank Capacity 150 L 130 L Control Voltage 12 V DC 12 V DC Hydraulic Tank Capacity 150 L 150 L Drive Mode 4WD 4WD Steering Mode Front-wheel Front-wheel  Tire  Type 15-625 Foam-filled Tires 555-750 Foam-filled Tires Weight  | C - Stowed Height                           | 2.80 m          | 2.78 m          |  |
| F - Wheelbase       3.05 m       2.52 m         Wheelbase       2.05 m       2.13 m         G - Ground Clearance       0.40 m       0.42 m         Performance         Platform Capacity (Unrestricted/Restricted)       300 kg / 454 kg       300 kg / 454 kg         Drive Speed (Working)       5.5 km/h       6.0 km/h         Gradeability       45% (24°)       45% (24°)         Turning Radius (Inside)       3.66 m       2.4 m         Turning Radius (Outside)       6.86 m       5.4 m         Turntable Swing       360° continuous       360° continuous         Platform Rotation       ±90°       ±90°         Tail Swing       1.60 m       1.45 m         Jib (Range of Articulation)       130° (−55°~75°)       135° (−60°~75°)         Max. Working Slope       3°       3°         Max. Wind Speed       12.5 m/s       12.5 m/s         Engine         Deutz TD2.9 L// Curm nins QSF2.8       Deutz D447 L// Perkins 404D-22T         Fuel Tank Capacity       150 L       130 L         Control Voltage       12 V DC       12 V DC         Hydraulic Tank Capacity       150 L       150 L         Drive Mode       4WD       4W   | D - Platform Length                         | 2.44 m          | 2.44 m          |  |
| Wheelbase         2.05 m         2.13 m           G - Ground Clearance         0.40 m         0.42 m           Performance           Platform Capacity (Unrestricted/Restricted)         300 kg / 454 kg         300 kg / 454 kg           Drive Speed (Working)         5.5 km/h         6.0 km/h           Gradeability         45% (24°)         45% (24°)           Turning Radius (Inside)         3.66 m         2.4 m           Turning Radius (Outside)         6.86 m         5.4 m           Turntable Swing         360° continuous         360° continuous           Platform Rotation         ±90°         ±90°           Tail Swing         1.60 m         1.45 m           Jib (Range of Articulation)         130° (−55° ~75°)         135° (−60° ~75°)           Max. Working Slope         3°         3°           Max. Wind Speed         12.5 m/s         12.5 m/s           Power           Engine         Deutz D447 L4/Cummins QSF2.8         Perfors 4040-22T           Fuel Tank Capacity         150 L         130 L           Control Voltage         12 V DC         12 V DC           Hydraulic Tank Capacity         150 L         150 L           Drive Mode         4WD   | E - Platform Width                          | 0.91m           | 0.91m           |  |
| S - Ground Clearance  | F - Wheelbase                               | 3.05 m          | 2.52 m          |  |
| Performance           Platform Capacity (Unrestricted/Restricted)         300 kg / 454 kg         300 kg / 454 kg           Drive Speed (Working)         5.5 km/h         6.0 km/h           Gradeability         45% (24°)         45% (24°)           Turning Radius (Inside)         3.66 m         2.4 m           Turning Radius (Outside)         6.86 m         5.4 m           Turntable Swing         360° continuous         360° continuous           Platform Rotation         ±90°         ±90°           Tail Swing         1.60 m         1.45 m           Jib (Range of Articulation)         130° (-55°-75°)         135° (-60°-75°)           Max. Working Slope         3°         3°           Max. Wind Speed         12.5 m/s         12.5 m/s           Power           Engine         Deutz TD2.914/<br>Cummins QSF2.8         Perkins 404D-22T           Fuel Tank Capacity         150 L         130 L           Control Voltage         12 V DC         12 V DC           Hydraulic Tank Capacity         150 L         150 L           Drive Mode         4WD         4WD           Steering Mode         Front-wheel         Front-wheel           From-filled Tires         Foam-filled Tires  | Wheelbase                                   | 2.05 m          | 2.13 m          |  |
| Platform Capacity (Unrestricted/Restricted)         300 kg / 454 kg         300 kg / 454 kg           Drive Speed (Working)         5.5 km/h         6.0 km/h           Gradeability         45% (24°)         45% (24°)           Turning Radius (Inside)         3.66 m         2.4 m           Turning Radius (Outside)         6.86 m         5.4 m           Turntable Swing         360° continuous         360° continuous           Platform Rotation         ±90°         ±90°           Tail Swing         1.60 m         1.45 m           Jib (Range of Articulation)         130° (-55°-75°)         135° (-60°-75°)           Max. Working Slope         3°         3°           Max. Wind Speed         12.5 m/s         12.5 m/s           Power           Engine         Deutz TD2.9 L4/<br>Cummins QSF2.8         Deutz D447 L4/<br>Perkins 404D-22T           Fuel Tank Capacity         150 L         130 L           Control Voltage         12 V DC         12 V DC           Hydraulic Tank Capacity         150 L         150 L           Drive Mode         4WD         4WD           Steering Mode         Front-wheel         Front-wheel           Froam-filled Tires           Tire   | G - Ground Clearance                        | 0.40 m          | 0.42 m          |  |
| Drive Speed (Working)         5.5 km/h         6.0 km/h           Gradeability         45% (24°)         45% (24°)           Turning Radius (Inside)         3.66 m         2.4 m           Turning Radius (Outside)         6.86 m         5.4 m           Turntable Swing         360° continuous         360° continuous           Platform Rotation         ±90°         ±90°           Tail Swing         1.60 m         1.45 m           Jib (Range of Articulation)         130° (-55°~75°)         135° (-60°~75°)           Max. Working Slope         3°         3°           Max. Wind Speed         12.5 m/s         12.5 m/s           Power           Engine         Deutz TD2.9 L4/<br>Cummins QSF2.8         Deutz D447 L4/<br>Perkins 404D-22T           Fuel Tank Capacity         150 L         130 L           Control Voltage         12 V DC         12 V DC           Hydraulic Tank Capacity         150 L         150 L           Drive Mode         4WD         4WD           Steering Mode         Front-wheel         Front-wheel           Front-mheel           Tire           Type         15-625 Foam-filled Tires         7555D-625 Foam-filled Tires  | Performance                                 |                 |                 |  |
| Gradeability 45% (24°) 45% (24°)  Turning Radius (Inside) 3.66 m 2.4 m  Turning Radius (Outside) 6.86 m 5.4 m  Turntable Swing 360° continuous 360° continuous  Platform Rotation ±90° ±90°  Tail Swing 1.60 m 1.45 m  Jib (Range of Articulation) 130° (-55°-75°) 135° (-60°-75°)  Max. Working Slope 3° 3°  Max. Wind Speed 12.5 m/s 12.5 m/s  Power  Engine Deutz TD2.9 L4/ Cummins QSF2.8 Perkins 404D-22T  Fuel Tank Capacity 150 L 130 L  Control Voltage 12 V DC 12 V DC  Hydraulic Tank Capacity 150 L 150 L  Drive Mode 4WD 4WD  Steering Mode Front-wheel Front-wheel  Tire  Type 15-625 Foam-filled Tires Foam-filled Tires  Weight  | Platform Capacity (Unrestricted/Restricted) | 300 kg / 454 kg | 300 kg / 454 kg |  |
| Turning Radius (Inside)         3.66 m         2.4 m           Turning Radius (Outside)         6.86 m         5.4 m           Turntable Swing         360° continuous         360° continuous           Platform Rotation         ±90°         ±90°           Tail Swing         1.60 m         1.45 m           Jib (Range of Articulation)         130° (-55°~75°)         135°(-60°~75°)           Max. Working Slope         3°         3°           Max. Wind Speed         12.5 m/s         12.5 m/s           Power           Engine         Deutz TD2.9 L4/<br>Cummins QSF2.8         Deutz D447 L4/<br>Perkins 404D-22T           Fuel Tank Capacity         150 L         130 L           Control Voltage         12 V DC         12 V DC           Hydraulic Tank Capacity         150 L         150 L           Drive Mode         4WD         4WD           Steering Mode         Front-wheel         Front-wheel           Front-wheel           Tire           Type         15-625<br>Foam-filled Tires         355/55D-625<br>Foam-filled Tires  | Drive Speed (Working)                       | 5.5 km/h        | 6.0 km/h        |  |
| Turning Radius (Outside)  Turntable Swing  360° continuous  360° continuous  360° continuous  290°  290°  Tail Swing  1.60 m  1.45 m  135°(-60°~75°)  Max. Working Slope  3°  Max. Wind Speed  12.5 m/s  12.5 m/s  Power  Engine  Deutz TD2.9 L4/ Cummins QSF2.8  Perkins 404D-22T  Fuel Tank Capacity  150 L  130 L  Control Voltage  12 V DC  14 V DC  Hydraulic Tank Capacity  150 L  150 L  150 L  Tire  Type  Type  Type  Type  15-625 Foam-filled Tires  Weight   | Gradeability                                | 45% (24°)       | 45% (24°)       |  |
| Turntable Swing 360° continuous 360° continuous  Platform Rotation ±90° ±90°  Tail Swing 1.60 m 1.45 m  Jib (Range of Articulation) 130° (−55°~75°) 135° (−60°~75°)  Max. Working Slope 3° 3°  Max. Wind Speed 12.5 m/s 12.5 m/s  Power  Engine Deutz TD2.9 L4/ Cummins QSF2.8 Perkins 404D−22T  Fuel Tank Capacity 150 L 130 L  Control Voltage 12 V DC 12 V DC  Hydraulic Tank Capacity 150 L 150 L  Drive Mode 4WD 4WD  Steering Mode Front-wheel Front-wheel  Tire  Type 15-625 Foam-filled Tires Foam-filled Tires  Weight   | Turning Radius (Inside)                     | 3.66 m          | 2.4 m           |  |
| Platform Rotation   | Turning Radius (Outside)                    | 6.86 m          | 5.4 m           |  |
| Tail Swing       1.60 m       1.45 m         Jib (Range of Articulation)       130° (-55°~75°)       135° (-60°~75°)         Max. Working Slope       3°       3°         Max. Wind Speed       12.5 m/s       12.5 m/s         Power         Engine       Deutz TD2.9 L4/<br>Cummins QSF2.8       Deutz D447 L4/<br>Perkins 404D-22T         Fuel Tank Capacity       150 L       130 L         Control Voltage       12 V DC       12 V DC         Hydraulic Tank Capacity       150 L       150 L         Drive Mode       4WD       4WD         Steering Mode       Front-wheel       Front-wheel         Tire         Type       15-625<br>Foam-filled Tires       355/55D-625<br>Foam-filled Tires         Weight   | Turntable Swing                             | 360° continuous | 360° continuous |  |
| Jib (Range of Articulation)  130° ( -55°~75°)  135° ( -60°~75°)  Max. Working Slope  3°  3°  12.5 m/s  Power  Engine  Deutz TD2.9 L4/ Cummins QSF2.8  Fuel Tank Capacity  150 L  130 L  Control Voltage  12 V DC  Hydraulic Tank Capacity  150 L  150 L  Drive Mode  4WD  4WD  Steering Mode  Front-wheel  Tire  Type  15-625 Foam-filled Tires  Weight   | Platform Rotation                           | ±90°            | ±90°            |  |
| Max. Working Slope  3° 3° 12.5 m/s  12.5 m/s  Power  Engine  Deutz TD2.9 L4/ Cummins QSF2.8  Fuel Tank Capacity  150 L  130 L  Control Voltage  12 V DC  Hydraulic Tank Capacity  150 L  150 L  150 L  Tive  Type  15-625 Foam-filled Tires  Weight   | Tail Swing                                  | 1.60 m          | 1.45 m          |  |
| Max. Wind Speed  Power  Engine  Deutz TD2.9 L4/ Cummins QSF2.8  Fuel Tank Capacity  150 L  130 L  Control Voltage  12 V DC  Hydraulic Tank Capacity  150 L  150 L  150 L  150 L  Drive Mode  4WD  Steering Mode  Front-wheel  Tire  Type  15-625 Foam-filled Tires  Weight  | Jib (Range of Articulation)                 | 130° (-55°~75°) | 135°(-60°~75°)  |  |
| Power  Engine Deutz TD2.9 L4/ Cummins QSF2.8 Perkins 404D-22T  Fuel Tank Capacity 150 L 130 L  Control Voltage 12 V DC 12 V DC  Hydraulic Tank Capacity 150 L 150 L  Drive Mode 4WD 4WD  Steering Mode Front-wheel Front-wheel  Tire  Type 15-625 Foam-filled Tires 5555-625 Foam-filled Tires  Weight  | Max. Working Slope                          | 3°              | 3°              |  |
| Engine  Deutz TD2.9 L4/ Cummins QSF2.8  Perkins 404D-22T  Fuel Tank Capacity  150 L  130 L  Control Voltage  12 V DC  Hydraulic Tank Capacity  150 L  150 L  150 L  Drive Mode  4WD  4WD  Steering Mode  Front-wheel  Tire  Type  15-625 Foam-filled Tires  Weight  | Max. Wind Speed                             | 12.5 m/s        | 12.5 m/s        |  |
| Engine Cummins QSF2.8 Perkins 404D-22T  Fuel Tank Capacity 150 L 130 L  Control Voltage 12 V DC 12 V DC  Hydraulic Tank Capacity 150 L 150 L  Drive Mode 4WD 4WD  Steering Mode Front-wheel Front-wheel  Tire  Type 15-625  | Power                                       |                 |                 |  |
| Control Voltage 12 V DC 12 V DC  Hydraulic Tank Capacity 150 L 150 L  Drive Mode 4WD 4WD  Steering Mode Front-wheel Front-wheel  Tire  Type 15-625  | Engine                                      |                 |                 |  |
| Hydraulic Tank Capacity  150 L  150 L  Drive Mode  4WD  4WD  Steering Mode  Front-wheel  Front-wheel  Tire  15-625 Foam-filled Tires  Weight  | Fuel Tank Capacity                          | 150 L           | 130 L           |  |
| Drive Mode 4WD 4WD  Steering Mode Front-wheel Front-wheel  Tire  Type 15-625 355/55D-625 Foam-filled Tires  Weight  | Control Voltage                             | 12 V DC         | 12 V DC         |  |
| Steering Mode Front-wheel Front-wheel  Tire  Type 15-625 355/55D-625 Foam-filled Tires  Weight  | Hydraulic Tank Capacity                     | 150 L           | 150 L           |  |
| Tire  15-625 355/55D-625 Foam-filled Tires Foam-filled Tires  Weight  | Drive Mode                                  | 4WD             | 4WD             |  |
| Type 15-625 355/55D-625 Foam-filled Tires Weight  | Steering Mode                               | Front-wheel     | Front-wheel     |  |
| Foam-filled Tires  Weight  Foam-filled Tires  | Tire  |                 |                 |  |
|   | Туре  |                 |                 |  |
| Gross 18900 kg 12200 kg   | Weight                                      |                 |                 |  |
|   | Gross                                       | 18900 kg        | 12200 kg        |  |





