

## ENGINE POWERED ROUGH TERRAIN SCISSOR LIFTS

# 1323RD (4389RD) / 1623RD (5389RD)

Compliant with CE/ANSI/CSA/AS/EAC standards

## HIGHLIGHTS

### Excellent performance

- Better drive and working performance on rough terrains based on improved chassis and active oscillating function
- Smoother dual slide-out extension platform is available for locking at any positions
- Optimum working efficiency with one button for auto-levelling outriggers

### Easy maintenance

- It provides better access to reach all components installed on two sides of chassis
- Slide-out engine tray makes engine completely accessible
- Quick fault inquiry thanks to on-board diagnostic system



| Standard Features                     |                                     |                             |
|---------------------------------------|-------------------------------------|-----------------------------|
| 4 WD × 2 WS                           | Forklift pockets                    | Lifting and tie-down points |
| Document box                          | Electrophoretic painting            | Proportional controls       |
| Emergency stop                        | Dual slide-out extension platform   | Emergency lowering system   |
| Foldable guardrail                    | Horn & buzzer                       | Auto braking system         |
| Tilt alarm                            | Motion alarm                        | Load sensing system         |
| Drivable at full height (1323RD only) | Flashing beacon                     | Fault diagnosis system      |
| Active oscillating function           | Auto-levelling hydraulic outriggers | Foam-filled tires           |
| Telematics-ready connector            |                                     |                             |
| Options & Accessories                 |                                     |                             |
| AC power to platform                  | Foam-filled non-marking tires       | Solid tires                 |
| Solid non-marking tires               | 7.4m platform                       | Pipe cradle                 |
| Generator                             | Cold weather package                |                             |

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# ENGINE POWERED ROUGH TERRAIN SCISSOR LIFTS

## 1323RD (4389RD) / 1623RD (5389RD)

Compliant with CE/ANSI/CSA/AS/EAC standards

| Model                                       | 1323RD (4389RD)   | 1623RD (5389RD)       |
|---|---|-----------------------|
| Dimensions                                  |   |                       |
| Max.Working Height                          | 15.1 m (49'6.5")  | 18.2 m (59'8.5")      |
| A Max.Platform Height                       | 13.1 m (42'11.7")   | 16.2 m (53'1.8")      |
| B Platform Extension (Front/Back)           | 1.5 m/1.2 m (4'11.1"/3'11.2")   |                       |
| C Overall Length                            | 4.88 m (16')  |                       |
| D Overall Width                             | 2.31 m (7'7")   |                       |
| E Height-Stowed (Rails Folded)              | 2.20 m (7'2.6")   | 2.42 m (7'11.3")      |
| E Height-Stowed (Rails Unfolded)            | 2.96 m (9'8.5")   | 3.18 m (10'5.2")      |
| F Wheelbase                                 | 2.85 m (9'4")   |                       |
| Ground Clearance                            | 0.36 m (1'2.2")   |                       |
| Platform Size (L×W×H)6.5 m Platform         | 3.96 m×1.82 m×1.1 m (13'×6'×3'7")   |                       |
| Platform Size (L×W×H)7.4 m Platform         | 4.84 m×1.82 m×1.1 m (15'10.6"×6'×3'7")  |                       |
| Performance                                 |   |                       |
| Platform Capacity                           | 680 kg (1,499 lbs)  |                       |
| Capacity on Platform Extension              | 227 kg (500 lbs)  |                       |
| Max.Platform Occupants (Indoor/<br>Outdoor) | 7 Persons/7 Persons   | 4 Persons/4 Persons   |
| Drive Speed (Stowed)                        | 6.1 km/h (3.8 mph) Yanmar engine<br>5.0 km/h (3.1 mph) Kubota engine  |                       |
| Drive Speed (Raised)                        | 1.1 km/h (0.7 mph)  |                       |
| Lift Time (Unloaded)                        | 50 s~60 s   | 70 s~90 s             |
| Lower Time (Unloaded)                       | 34 s~44 s   | 45 s~55 s             |
| Gradeability                                | 40%   |                       |
| Tilt Rating (Front-to-Back)                 | 3°  |                       |
| Tilt Rating (Side-to-Side)                  | 2°  |                       |
| Max.Outrigger Levelling (Front-to-<br>Back) | 7°  |                       |
| Max.Outrigger Levelling (Side-to-Side)      | 12°   |                       |
| Turning Radius (Inside/Outside)             | 2.2 m/5.3 m (7'2.6"/17'4.7")  |                       |
| Tire Spec/Type                              | 315/55D20/Foam-Filled   |                       |
| Power                                       |   |                       |
| Drive × Steer                               | 4WD×2WS   |                       |
| Engine (Brand/Model/Power/<br>Emissions)    | Yanmar 4TNV88C-DFLT 35.5 kW (EPA Tier 4/EU Stage 5)<br>Yanmar 4TNV88-ZCDCS12 35.3 kW (China 4)<br>Kubota D1105-E4B-EU-X1 18.2 kW<br>Kubota V2403-CR-TIE4B-SPB-1 39.6 kW (EPA Tier 4)<br>Kubota V2403BM-DI-CT04 36.5 kW (China 4)<br>DEUTZ D2011L03I 36.3 kW(EU Stage 3) |                       |
| Hydraulic Tank Capacity                     | 107L/23.5 gal(UK)/28 gal(US)  |                       |
| Fuel Tank Capacity                          | 110L (24 gal (UK)/29gal (US))   |                       |
| Weight                                      |   |                       |
| Weight ( Yanmar engine)                     | 7,380 kg (16,270 lbs)   | 8,210 kg (18,100 lbs) |
| Weight (Kubota engine)                      | 7,170 kg (15,807 lbs)   | 8,000 kg (17,637 lbs) |
| Standards Compliance                        | CE/ANSI/CSA/AS/EAC  |                       |

