



# HINO **500**

Series



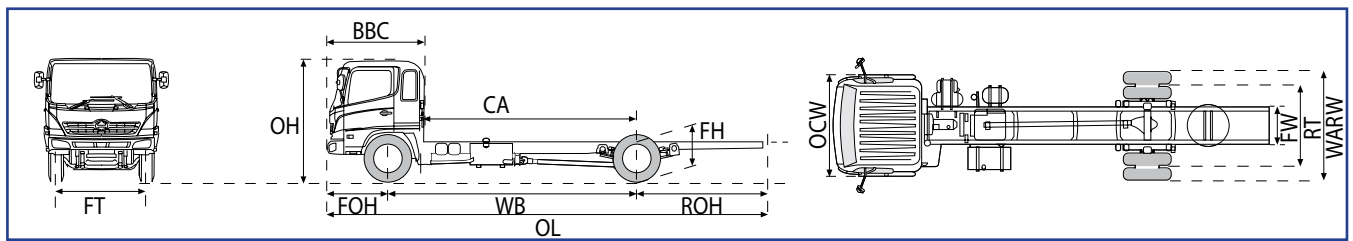
***THE RIGHT TRUCK  
FOR AFRICA***



| DESCRIPTION                              | HINO 500<br>1018 FC                 | HINO 500<br>1322 4X4 FC             | HINO 500<br>1326 FC                 | HINO 500<br>1626 FC                 | HINO 500<br>1626 TIPPER             | HINO 500<br>1726 FC                 |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <b>ENGINE</b>                            |                                     |                                     |                                     |                                     |                                     |                                     |
| Make and Model                           | HINO J05E - TC                      | HINO J08E-YB                        | HINO J08E - UD                      | HINO J08E - UD                      | HINO J08E - UD                      | HINO J08E - UD                      |
| 4 Stroke Compression Ignition            | Yes                                 | Yes                                 | Yes                                 | Yes                                 | Yes                                 | Yes                                 |
| Aspiration                               | Turbo-Intercooled                   | Turbo-Intercooled                   | Turbo-Intercooled                   | Turbo-Intercooled                   | Turbo-Intercooled                   | Turbo-Intercooled                   |
| Bore X Stroke                            | 112 x 130                           | 112x130                             | 112x130                             | 112x130                             | 112x130                             | 112x130                             |
| Capacity ( cc )                          | 5123                                | 7684                                | 7684                                | 7684                                | 7684                                | 7684                                |
| Compression Ratio : ~ : 1                | 18                                  | 18                                  | 18                                  | 18                                  | 18                                  | 18                                  |
| Configuration                            | In line                             | In line                             | In line                             | In line                             | In line                             | In line                             |
| Engine oil cooler                        | Yes                                 | Yes                                 | Yes                                 | Yes                                 | Yes                                 | Yes                                 |
| Engine Service Mass : (Dry Weight)       | 435                                 | 582                                 | 582                                 | 582                                 | 582                                 | 582                                 |
| Euro Emission Status                     | 3                                   | 3                                   | 3                                   | 3                                   | 3                                   | 3                                   |
| Firing order                             | 1-3-4-2                             | 1-4-2-6-3-5                         | 1-4-2-6-3-5                         | 1-4-2-6-3-5                         | 1-4-2-6-3-5                         | 1-4-2-6-3-5                         |
| Governor : All speed / RLD               | Yes                                 | Yes                                 | Yes                                 | Yes                                 | Yes                                 | Yes                                 |
| Governor : Electric                      | Yes                                 | Yes                                 | Yes                                 | Yes                                 | Yes                                 | Yes                                 |
| Injector Pump                            | Common rail                         | Common rail                         | Common rail                         | Common rail                         | Common rail                         | Common rail                         |
| Max Eng. Speed rpm                       | 2900                                | 2900                                | 2900                                | 2900                                | 2900                                | 2900                                |
| No of Main Bearings                      | 5                                   | 7                                   | 7                                   | 7                                   | 7                                   | 7                                   |
| Number of Cylinders                      | 4                                   | 6                                   | 6                                   | 6                                   | 6                                   | 6                                   |
| Number of Valves per Cylinders           | 4                                   | 4                                   | 4                                   | 4                                   | 4                                   | 4                                   |
| Power (EEC/ISO NET) Kw                   | 129 @ 2500                          | 152 @ 2500                          | 184 @ 2500                          | 184 @ 2500                          | 184 @ 2500                          | 184 @ 2500                          |
| Torque Nm                                | 500 @ 1500                          | 603 @ 1500                          | 739 @ 1500                          | 739 @ 1500                          | 739 @ 1500                          | 739 @ 1500                          |
| Type of Cylinders ( Liners; wet or dry ) | Dry Liners                          | Dry Liners                          | Dry Liners                          | Dry Liners                          | Dry Liners                          | Dry Liners                          |
| Valve Configuration                      | Overhead Cam                        | Overhead Cam                        | Overhead Cam                        | Overhead Cam                        | Overhead Cam                        | Overhead Cam                        |
| <b>TRANSMISSION</b>                      |                                     |                                     |                                     |                                     |                                     |                                     |
| Full Synchronesh                         | 2 ~ 6 ONLY                          | 2 ~ 6 ONLY                          | 2 ~ 6 ONLY                          | 2 ~ 6 ONLY                          | 2 ~ 6 ONLY                          | 1-9 ONLY                            |
| Gear Ratio 1:                            | 8.190 - 1.0                         | 6.515 - 1.0                         | 6.746 - 0.823                       | 7.395 - 1.0                         | 7.395 - 1.0                         | 12.637 - 1.0                        |
| Gearshift operation                      | Cable                               | Cable                               | Cable / Air Assist                  | Cable / Air Assist                  | Cable / Air Assist                  | Cable/Power Shift                   |
| Make                                     | HINO                                | HINO                                | HINO                                | HINO                                | HINO                                | Eaton                               |
| Model                                    | LX 06 S                             | LX 06 S                             | LJ 06 S                             | MF 06 S                             | MF 06 S                             | ES 11109                            |
| No of forward gears                      | 6                                   | 6                                   | 6                                   | 6                                   | 6                                   | 9                                   |
| PTO & Control                            | Not Standard                        | Not Standard                        | Not Standard                        | Not Standard                        | Not Standard                        | Not Standard                        |
| Reverse Ratio :1                         | 7,619                               | 6,06                                | 6,453                               | 7,142                               | 7,142                               | 13,21                               |
| Transfer Box Ratio                       | n/a                                 | 2.224 Low / 1.000 High              | n/a                                 | n/a                                 | n/a                                 | n/a                                 |
| <b>BRAKES</b>                            |                                     |                                     |                                     |                                     |                                     |                                     |
| Type                                     | Rear of Transmission                | Spring Brake on Rear Wheels         | Spring Brake on Rear Wheels         | Spring Brake on Rear Wheels         | Spring Brake on Rear Wheels         | Spring Brake on Rear Wheels         |
| ABS                                      | Yes                                 | No                                  | Yes                                 | Yes                                 | Yes                                 | Yes                                 |
| Brake system : Front                     | Drum                                | Drum                                | Drum                                | Drum                                | Drum                                | Drum                                |
| Brake system : Rear                      | Drum                                | Drum                                | Drum                                | Drum                                | Drum                                | Drum                                |
| Dual Circuit                             | Yes                                 | Yes                                 | Yes                                 | Yes                                 | Yes                                 | Yes                                 |
| LSP Valve on Rear Axle                   | No                                  | Yes                                 | No                                  | No                                  | No                                  | No                                  |
| Type :                                   | Air over Hydraulics                 | Air over Hydraulics                 | Full Air Wedge Type                 | Full Air Wedge Type                 | Full Air Wedge Type                 | Full Air Wedge Type                 |
| <b>STEERING</b>                          |                                     |                                     |                                     |                                     |                                     |                                     |
| Steering Column                          | Tilt & Telescopic                   | Tilt & Telescopic                   | Tilt & Telescopic                   | Tilt & Telescopic                   | Tilt & Telescopic                   | Tilt & Telescopic                   |
| Turning radius between kerbs : (mm)      | 7840                                | 10350                               | 10120                               | 9500                                | 6700                                | 9900                                |
| Turning radius between walls : (mm)      | 8500                                | 10880                               | 10770                               | 10225                               | 7400                                | 10600                               |
| Type                                     | Power assisted; re-circulating ball | Power assisted; re-circulating ball | Power assisted; re-circulating ball | Power assisted; re-circulating ball | Power assisted; re-circulating ball | Power assisted; re-circulating ball |
| <b>WHEELS &amp; TYRES</b>                |                                     |                                     |                                     |                                     |                                     |                                     |
| Attachment                               | 6 Stud JIS Fixing                   | 8 Stud JIS Fixing                   | 10 Stud ISO Fixing                  | 10 Stud ISO Fixing                  | 10 Stud ISO Fixing                  | 10 Stud ISO Fixing                  |
| Load / Speed Index - Dual wheel          | 126L                                | 142L                                | 144L                                | 144L                                | 144L                                | 145L                                |
| Load / Speed Index - Single wheel        | 128L                                | 146L                                | 148L                                | 148L                                | 148L                                | 149L                                |
| No of Wheels including spare             | 7                                   | 7                                   | 7                                   | 7                                   | 7                                   | 7                                   |
| Ply rating (front & rear)                | 14                                  | 16                                  | 12                                  | 14                                  | 14                                  | 16                                  |
| Spare Wheel Carrier Location             | Rear of Chassis                     | Rear of Chassis                     | Rear of Chassis                     | Rear of Chassis                     | Rear of Chassis                     | Rear of Chassis                     |
| Tyre Construction                        | Radial Tubed                        | Radial Tubed                        | Radial Tubeless                     | Radial Tubeless                     | Radial Tubeless                     | Radial Tubeless                     |
| Tyre size                                | 8.25R16                             | 9.00 R 20                           | 11 R 22.5                           | 11 R 22.5                           | 11 R 22.5                           | 12 R 22.5                           |
| Wheel size                               | 6.00 X 16                           | 7.00 X 20                           | 8.25x22.5                           | 8.25 X 22.5                         | 8.25 X 22.5                         | 9.00x22.5                           |
| Wheel Type                               | Multi Piece Steel                   | Multi Piece Steel                   | Single Piece Steel                  | Single Piece Steel                  | Single Piece Steel                  | Single Piece Steel                  |



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|-------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>AXLES</b>            |                                 |                                 |                                 |                                 |                                 |                                 |
| Housing Type            | Banjo Full Floating             | Banjo Full Floating             | Banjo Full Floating             | Banjo Full Floating             | Banjo Full Floating             | Banjo Full Floating             |
| Inter-Axle Diff lock    | n/a                             | Non-Spin Diff                   | n/a                             | n/a                             | n/a                             | n/a                             |
| Make                    | HINO                            | HINO                            | HINO                            | HINO                            | HINO                            | HINO                            |
| Model                   | SH 13                           | SH 16                           | SH 16                           | SH 16                           | SH 16                           | SH 17                           |
| Ratio : 1               | 4,100                           | 5,428                           | 5,428                           | 4,875                           | 5,428                           | 4,625                           |
| Ring Gear Size (inches) | "13""                           | "16""                           | "16""                           | "16""                           | "16""                           | "17""                           |
| Type                    | Single Reduc - Hypoid           | Single Reduc - Hypoid           | Single Reduc - Hypoid           | Single Reduc - Hypoid           | Single Reduc - Hypoid           | Single Reduc - Hypoid           |
| Make                    | HINO LF366                      | HINO SS15                       | HINO LF571                      | HINO MF671                      | HINO MF671                      | HINO MF671                      |
| Type                    | Reverse Elliot "I" Section Beam | Reverse Elliot "I" Section Beam | Reverse Elliot "I" Section Beam | Reverse Elliot "I" Section Beam | Reverse Elliot "I" Section Beam | Reverse Elliot "I" Section Beam |
| Shock Absorbers         | Yes                             | Yes                             | Yes                             | Yes                             | Yes                             | Yes                             |
| <b>FUEL</b>             |                                 |                                 |                                 |                                 |                                 |                                 |
| Fuel (liters)           | 100                             | 200                             | 200                             | 200                             | 200                             | 200                             |
| <b>SPEED LIMITER</b>    |                                 |                                 |                                 |                                 |                                 |                                 |
| Electronic CPU          | Standard                        | Standard                        | Standard                        | Standard                        | Standard                        | Standard                        |
| <b>ACCESSORIES</b>      |                                 |                                 |                                 |                                 |                                 |                                 |
| Air-conditioner         | Optional                        | Optional                        | Optional                        | Optional                        | Optional                        | Optional                        |
| Radio/CD Player         | Optional                        | Optional                        | Optional                        | Optional                        | Optional                        | Optional                        |



| <b>MASS DATA (KG)</b>            |       |       |       |       |       |       |
|----------------------------------|-------|-------|-------|-------|-------|-------|
| A - Front                        | 3600  | 4500  | 5500  | 6300  | 6300  | 6500  |
| A - Rear                         | 6520  | 9000  | 9000  | 9000  | 9000  | 9000  |
| Approx. body + payload allowance | 7380  | 8145  | 9125  | 10445 | 10590 | 10570 |
| D/T                              | 15000 | 21000 | 17000 | 24000 | 24000 | 32000 |
| GA - Front                       | 3600  | 4500  | 5500  | 6500  | 6500  | 6500  |
| GA - Rear                        | 7000  | 9200  | 10000 | 10000 | 10000 | 10500 |
| GCM                              | 15000 | 21000 | 17000 | 24000 | 24000 | 32000 |
| GVM                              | 10400 | 13000 | 13500 | 15500 | 15500 | 17000 |
| Tare - Front                     | 1920  | 2950  | 2670  | 2850  | 2760  | 2830  |
| Tare - Rear                      | 1070  | 1875  | 1705  | 2015  | 1970  | 2110  |
| Tare - Total (incl. spare wheel) | 2990  | 4825  | 4375  | 4865  | 4730  | 4940  |
| V - rating                       | 10400 | 13000 | 13500 | 15300 | 15300 | 15500 |
| <b>DIMENSIONS (MM)</b>           |       |       |       |       |       |       |
| BBC - Rear Structure             | 1770  | 2060  | 2060  | 2060  | 2060  | 2060  |
| CA - Cab to Axle                 | 4365  | 3825  | 4705  | 4705  | 2955  | 4975  |
| CH - Cab Height                  | 2490  | 2800  | 2635  | 2655  | 2630  | 2690  |
| CW - Cab Width (excl. mirrors)   | 2190  | 2355  | 2355  | 2355  | 2355  | 2355  |
| FH - Frame Height Rear Axle      | 885   | 1210  | 1035  | 1035  | 1040  | 1065  |
| FOH - Front Overhang             | 1145  | 1235  | 1235  | 1235  | 1235  | 1255  |
| FT - Front Track                 | 1800  | 1925  | 1920  | 1920  | 1920  | 1920  |
| FW - Frame Width ( Outside )     | 820   | 870   | 870   | 870   | 870   | 870   |
| Max. homologated body width      | 2400  | 2600  | 2600  | 2600  | 2600  | 2600  |
| Maximum Body Length              | 7200  | 6500  | 7900  | 7900  | 5100  | 8300  |
| Suggested Body Length            | 6500  | 5800  | 6500  | 7200  | 4200  | 7200  |
| MGC - Minimum Ground Clearance   | 225   | 225   | 230   | 250   | 250   | 245   |
| OL -Overall Length               | 8540  | 7960  | 9460  | 9460  | 6445  | 9780  |
| OVH - Overall Vehicle Height     | 2475  | 2800  | 2635  | 2655  | 2655  | 2680  |
| ROH - Rear Overhang              | 2260  | 1930  | 2550  | 2550  | 1285  | 2600  |
| RT - Rear Track                  | 1660  | 1820  | 1825  | 1840  | 1840  | 1840  |
| WARW - Width Across Rear Wheels  | 2160  | 2420  | 2405  | 2435  | 2435  | 2435  |
| WB - Wheel Base                  | 4990  | 4650  | 5530  | 5530  | 3780  | 5780  |



Euro 3 Engine Technology



Side Impact Beams



ABS on all 4 x 2 Models



Easy Access for Routine Inspection



Strong Frame for Body Mounting

## JAPAN'S LEADING TRUCK BRAND BUILT TO DELIVER IN AFRICA

*Japanese pedigree engineered for Africa that works hard for you, this is the solution to all your transport needs. Built to deliver, the HINO 500 Series is the perfect partner for your business.*



Quality, durability & reliability (QDR), these are the characteristics that define the HINO 500 Series product range.

Capable of moving your loads effortlessly with the powerful HINO with common rail engines that deliver both power and fuel efficiency, driving it is a real pleasure.

Now with ABS brakes on all 4x2 models to ensure improved safety in every condition, this truck is a true African workhorse that gets the job done day after day.

The HINO frame provides unbeatable reliability and even greater durability with improved rust resistance. The frame has been made lighter to improve fuel efficiency, and still provides greater load capacity and increased GVM.

### 1. TECHNOLOGY

- \* Euro 3 Common Rail Engines

### 2. SAFETY FEATURES

- \* ABS (excluding 4x4 model)
- \* Side Impact Beams in Doors
- \* Electronic speed limiter

### 3. COMFORT & CONVENIENCE

- \* Tilt & Telescopic Steering Coloum
- \* Power Steering
- \* Storage Space
- \* Tilt Cab for easy access to Engine Compartment
- \* Front Panel Access for Daily Inspections
- \* Microdot vehicle identification

**Warranty Terms:** 1 year or 100 000km (whichever comes first)

**Service Intervals:** Every 10 000 KM or as recommended by the selling HINO dealer.

**Disclaimer Information:** Certain vehicle details and specifications contained in this leaflet may differ from available models. HINO Motors Limited and Toyota Tsusho Africa reserves the right to alter any details of specifications and equipment without notice. For the most current information on prices and specifications please contact your local HINO Distributor in your country.