

# HINO

# 3000 Series

## 920 Crew

## 921 Crew Auto



\*921 Crew Auto shown

### ADR 80/03 Model

### 300 Series Wide Cab

## KEY FEATURES

- Crew Cab with 7 seats (3 front, 4 rear)
- Rear Passenger Air Conditioning
- Cruise Control
- Dual SRS Airbags
- Ventilated Disc Brakes Front and Rear
- Anti-lock Brake System (ABS)
- Vehicle Stability Control (VSC)
- Reverse Camera
- Traction Control (TRC)
- Manual & Automatic Transmission Variants
- Easy Start (Manual Model Only)
- ADR 80/03 Emission using Euro 5
- Also meets EEV emission levels
- Driver Suspension seat
- ECE R-29 Cab Strength Certified

## KEY SPECIFICATIONS

<b>GVM Range</b> . . . . .	4,495 to 8,500kg
<b>GCM Range</b> . . . . .	7,995 to 12,000kg
<b>Power</b> . . . . .	.151kW . . (Auto)
	.139kW . . (Man)
<b>Torque</b> . . . . .	.600Nm . . (Auto)
	.510Nm . . (Man)
<b>Transmissions</b> . . . . .	.6 Speed Auto
	.6 Speed Manual
<b>Wheelbase</b> . . . . .	4,400mm
<b>Nominal Body Length</b> . . . . .	5,390mm

# 920 & 921 Crew

## Engine & Driveline Specifications

### ENGINE

Model	J05E-UH	J05E-UJ
	Manual	Auto
Max output ISO Net @ 2600 RPM	139kW (189 hp)	151kW (205 hp)
Max Output ISO Net @ 1500 RPM	510Nm	600Nm
Max Engine Speed	2700 RPM	
Type	Diesel, 4 cylinder, OHC, fluid cooled	
Combustion System	Direct injection type	
Bore & Stroke	112mm x 130mm	
Piston displacement	5.123 Lts	
Fuel Injection	Electronic control, common rail type	
Air Intake system	Turbo, intercooled	
Air Cleaner	Paper Element	
Fan Clutch	Equipped	
Exhaust	Catalytic convertor with Diesel Particulate active Reduction System (DPR)	
Exhaust Outlet	Horizontal (Rear facing)	
Emission Control System	EGR & DPR meeting ADR 80/03 using Euro 5. Also meeting EEV emission levels	

### CLUTCH (Manual models only)

Clutch type	Dry single plate, diaphragm type with damper springs
Facing outside diameter	325mm
Facing lining area	483cm <sup>2</sup> x 2
Control	Hydraulic with vacuum booster

### TRANSMISSION

Auto	A465 Full automatic 6 speed with double overdrive
Manual	MZZ6F 6 speed synchromesh with single overdrive

### BRAKES

Service brakes	Hydraulic system with ventilated disc brakes front and rear
Control	Vacuum servo with hydraulic assist & dual circuits
Disc Diameter	287mm front & rear
Anti Lock Braking System (ABS)	Equipped
Vehicle Stability Control (VSC)	Equipped
Traction Control (TRC)	Equipped
Easy Start system (ES)	Equipped (manual models only)
Exhaust Brake	Electro Vacuum actuator with valve in the exhaust pipe
Park Brake	Rear of Transmission

### PERFORMANCE & GEAR RATIOS

Models	920 Manual	921 Automatic
Engine RPM @ 100 km/h	2180	2220
Maximum speed (km/h)	123	121
Gradeability Tan % @ GVM	40	60
Final Drive Ratio	4.100	5.142

#### A465 Automatic transmission

1st . . . . .	3.742	4th . . . . .	1.000
2nd . . . . .	2.003	5th . . . . .	0.773
3rd . . . . .	1.343	6th . . . . .	0.634
		Rev. . . . .	3.539

#### MZZ6F Manual transmission

1st . . . . .	6.369	4th . . . . .	1.355
2nd . . . . .	3.767	5th . . . . .	1.000
3rd . . . . .	1.966	6th . . . . .	0.782
		Rev. . . . .	6.369

### AXLE, SUSPENSION & LOAD LIMITS

Front Axle Model & Type		Reverse Elliot I-Beam	
FRONT	Suspension	Tapered leaf springs with shock absorbers & stabiliser	
	Spring Dimensions	1,300 x 70mm	
	Number of Leafs	3	
	Spring Rate	21kgf/mm	
	Axle Limit (including suspension)	3,100kg	
	Tyre Limit	3,100kg	
	Rear Axle Model & Type		SH13, fully floating, single reduction, single speed by Hypoid gears
REAR	Suspension	Main & Aux Tapered leaf with shock absorber	
		Main	Auxiliary
	Spring Dimensions	1,350 x 70mm	900 x 70mm
	Spring Rates	19kgf/mm	78kgf/mm
	Number of Leafs	3	3
	Axle Limit (including suspension)	6,200kg	
	Tyre Limit	6,000kg	

### WHEELS & TYRES

Models	920 & 921
Wheel Type	6-Stud SAE, 222.25mm PCD
Wheel & Rim Size	225/80R17.5 123/122 & 17.5 x 6.00 127mm
Number of Tyres	Seven
Spare Tyre Carrier	Equipped

### ELECTRICAL

Type	24 volt, negative earth
Batteries	12V x 2, series connected
Alternator type	Built-in rectifier and voltage regulator
Capacity	24V – 80AMP
Starter capacity	24V, 4.5kW

# 920 & 921 Crew Cab Equipment, Power Charts & Instrumentation

## CHASSIS FRAME DIMENSIONS

Models	920 & 921
Type	Ladder-shaped channel section side rails
Chassis width (at rear)	840mm
Main Section in mm (depth x flange x thickness)	210 x 70 x 5.0
Tensile Strength	540 N/mm <sup>2</sup>
Tow Hook	Front & Rear

## CAB EXTERIOR

Type	Forward control, all steel welded construction, fully trimmed
Windscreen wipers	Electric, dual wipers, intermittent and 2-speed
Outside rear mirrors	Remote control and heated & two convex spotters
Radiator grille	Chrome
Lamps	Halogen headlamps and fog lamps

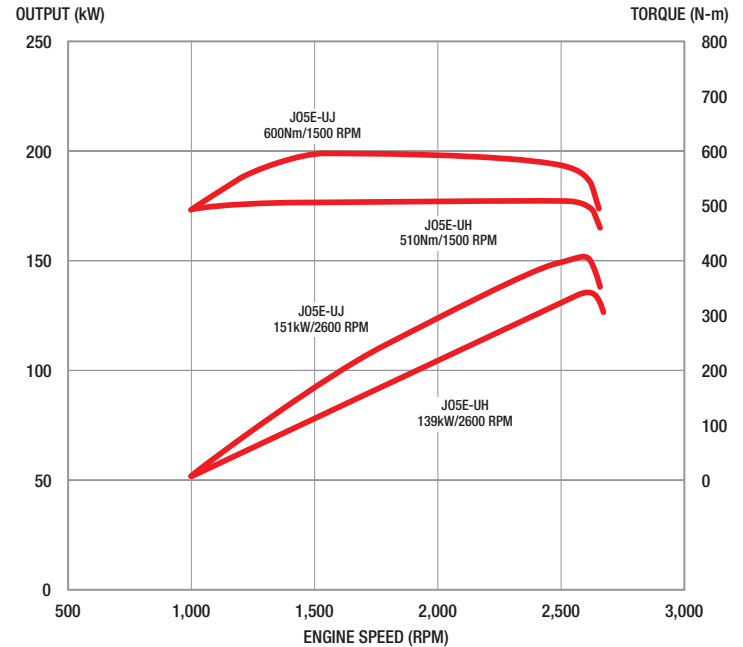
## CAB INTERIOR

Windscreen glass	Laminated glass	
Seating capacity	Seven	
Driver's seat	4-way adjustable, urethane pads, high-back, lumbar support with suspension base	
Assistant's seat	Fixed bench, urethane foam pads, high-back	
Seat cover	Fabric cover	
Seat belts	Driver's seat	3-point type with ELR and pre-tensioner
	Assistant's seat	3-point type with ELR and pre-tensioner
	Centre passenger's seat	2-point type
Sun visors	For driver and passenger	
Ventilator	Forced type by electric blower	
Inside rear mirror	One, flat type	
Cigarette lighter (24 volt)	Equipped	
Multimedia System	6.5" LCD, HD touch screen display with DAB+ AM/FM radio, AUX input, Bluetooth® 4.1, Android 6.0, CANBUS connected and Wi-Fi enabled	
Heater and defroster	Dual zone	
Air conditioner	Dual zone	
Remote door locking	Equipped	
Immobiliser	Equipped	
Power windows	Equipped	
SRS airbags	Equipped for driver and assistant	
Drivers foot rest	Equipped (Auto models only)	
Overhead consoles	For driver and assistant	
Cup holder	Equipped	
Cruise control	Equipped	

## STEERING

Type	Telescopic & Tilt steering column with Recirculating Ball Integral Power Steering	
Gear Ratio	20.9:1	
Steering Angles	Inside 44°	Outside 34°

## COMBINED Power & Torque chart (ISO Net) J05E-UH & J05E-UJ



## INSTRUMENTS

<b>Meters and gauges</b>	<b>Switches</b>
km-kg system	Lighting
Engine tachometer	Wiper and washer
Speedometer	Exhaust brake
<b>Warning, pilot lamps and buzzers</b>	Easy Start*
Turning signal & hazard indicator lamp	Easy Start timing adjuster*
Exhaust brake indicator lamp	Cruise Control
Engine oil pressure warning lamp	Traction Control OFF
Battery charge warning lamp	<b>Multi Information Display</b>
High beam indicator lamp	Fuel gauge
Parking brake indicator lamp	Coolant temperature gauge
Engine malfunction indicator lamp	DPR accumulation gauge
Fuel level warning lamp	Odometer
Fuel filter water accumulating	2 trip meters
Level warning lamp	Fuel consumption
Brake fluid level warning lamp	- Current
Back-up warning buzzer	- Average
ABS system failure warning lamp	<b>Others</b>
SRS airbag system failure warning lamp	Horn button
Easy Start indicator lamp*	Remote door locking
Cruise Control	

\*Easy start components are for Manual models only

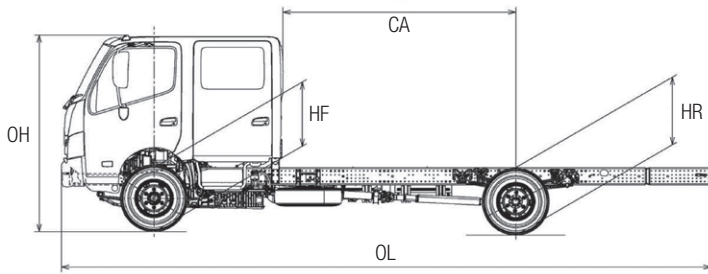
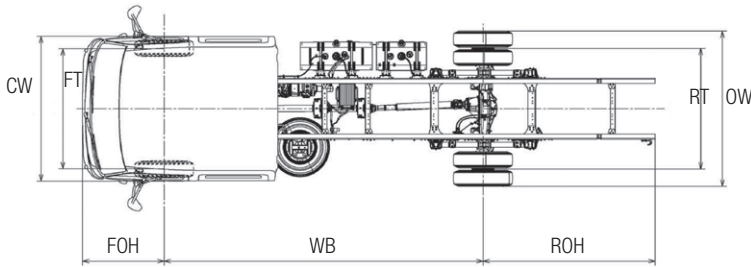
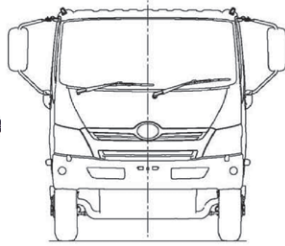
## GENUINE ACCESSORY OPTIONS

Bull bar	LED driving lights
Chrome wheel covers	Stoneguard
Truck specific GPS nav with Live Traffic	Sunvisor
Additional cameras (Up to 3 extra)	Hino Traq telematics

Please check with your dealer for price, availability & fitment for these options

# 920 & 921 Crew Dimensions

# 300 Series



4400mm wheelbase shown.

## DIMENSIONS – mm/Capacities

Models 300 Series	920 Crew	921 Crew Auto
Models variants	XXLong	XXLong
Product Code	XJC740R-QKFTKQ3	XJC740R-QKTTJQ3
Nominal Body Length ((WBx.6)+CA-80)	5,390	
Wheelbase (WB)	4,400	
Overall Length (OL)	7,905	
Overall Width (OW)	2,140	
Cab Width (CW)	1,995	
Overall Height (OH)	2,365	
Cab to Rear Axle Centre (CA)	2,830	
Front Overhang (FOH)	1,125	
Rear Overhang (ROH)	2,375	
Front Chassis Height (HF)	745	740
Rear Chassis Height (HR)	840	
Road Clearance	200	
Front Track (FT)	1,655	
Rear Track (RT)	1,660	
Turning Circle	Kerb to Kerb	15,600
	Wall to Wall	17,000
Locking Fuel Tank Capacity (Lts)	170	
Indicative chassis mass# – kg		
Total	3,205	3,230
Front	2,100	2,110
Rear	1,105	1,120
GVM STD	8,500	
GVM Opt 1	7,995	
GVM Opt 2	4,495	
GCM STD & Opt 1 of GVM	12,000	
GCM Opt 1 with Opt 2 of GVM	7,995	

#Mass includes standard tools, fuel, spare tyre and subject to ±3% tolerance.

## WARRANTY

New vehicle warranty period

Light Duty Model	Axle configuration	Standard warranty (whichever comes first)	Cab corrosion perforation
300 Series 920 & 921 Crew	4 x 2	3 years or 100,000km	36 months

Battery warranty – 12 months from date of delivery

\* For conditions, refer to the Hino Parts & Service warranty brochure

Genuine parts or accessories warranty – 3 years unlimited kilometres when fitted by an authorised Hino dealer \*



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