



RANGER-PRO 6

260 ACE

• RATINGS (kg)

4x2 Truck Chassis

	GVM	GCM
Ratings	10,400	16,000

DIMENSIONS (mm): All dimensions are to standard specification and unladen chassis

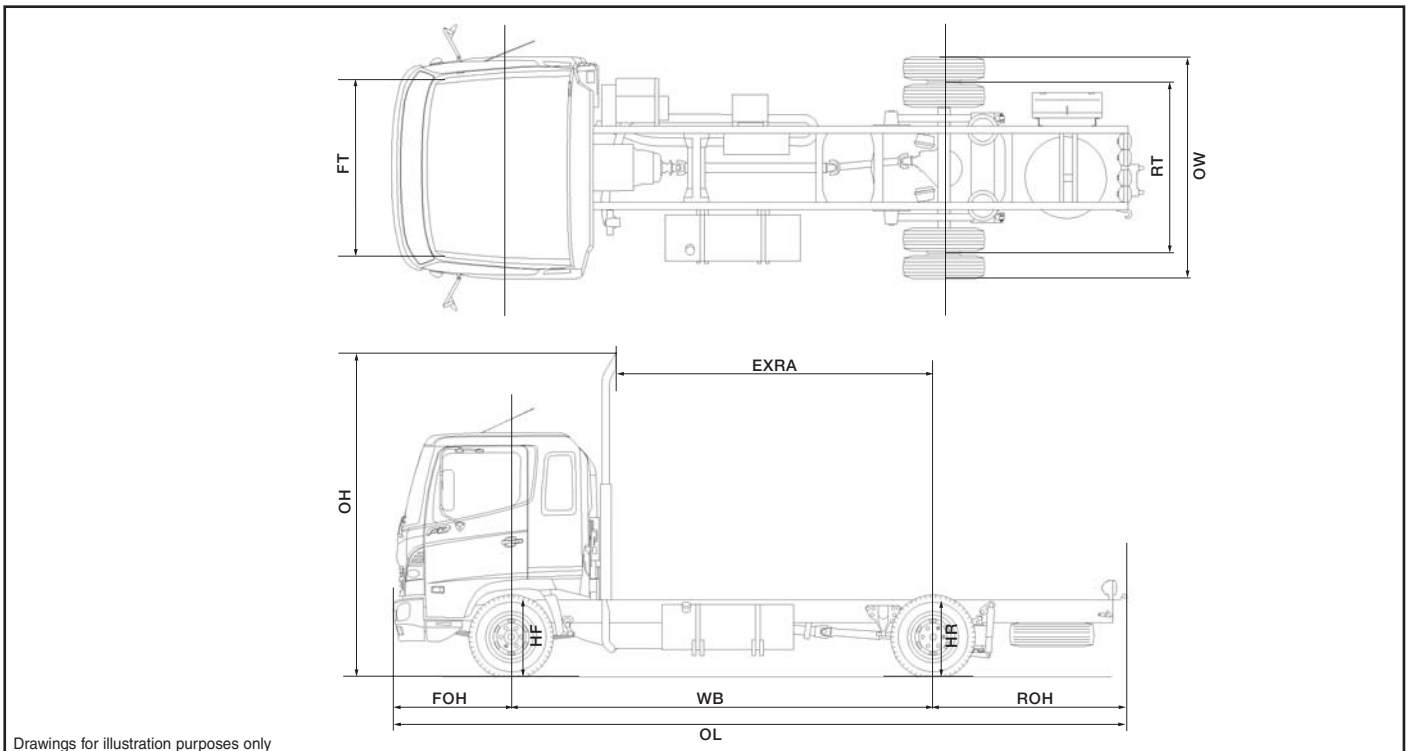
Model		Long 260 ACE	XLong 260 ACE
Model Ordering Code		FD1JLPG 260	FD1JPPG 260
Wheelbase	WB	4,850	5,500
Overall Length	OL	8,240	9,250
Overall Width	OW		2,175
Overall Height	OH		3,260
Cab Height			2,450
Exhaust to Rear Axle Centre	EXRA	3,845	4,495
Front Overhang	FOH		1,185
Rear Overhang	ROH	2,060	2,420
Front Chassis Height	HF		775
Rear Chassis Height	HR		805
Front Track	FT		1,770
Rear Track	RT		1,660
Road clearance (at diff. Case)			215
Turning Radius (kerb to kerb)		7,500	8,500
Turning Radius (Swept)		8,200	9,200

• **CHASSIS MASS (kg):** Chassis mass quoted is to standard specification with full tank of fuel but without spare tyre and tool kit

Chassis Mass (kg)	Total	3,475	3,530
	Front	2,260	2,300
	Rear	1,215	1,230

• **PERFORMANCE:** Calculations based on Engine speed 2,900 r/min at rated GVM and standard specifications

Max. theoretical speed km/h	136
Gradeability (theoretical, tanθ)%	48.4



Drawings for illustration purposes only

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• ENGINE		• CHASSIS FRAME	
Max. output (JIS Gross)	HINO J08C-UK 191 kW at 2,500 rpm	Type	Parallel Chassis
Max. torque (JIS Gross)	745 Nm at 1,500 rpm	Rear chassis width	820mm
Max engine speed	2,900 rpm	Size	231.6 x 73 x 6.8mm
Type	Diesel, turbo charged & inter-cooled, 6 cylinder in-line with 4 valves per cylinder and overhead camshaft. Mechanical Governor. Combustion by Timed Injection-rate Control System (TICS) and employing Hino's Micro Mixing System (HMMS)	Tensile strength	540N/mm ² {55kgf/mm ² }
Bore and Stroke	114 x 130mm	Hook	Equipped for front & rear
Displacement	7,961cc	Tool Box	Mounted on chassis
Compression Ratio	18.0:1	• CAB	
Cooling Fan	Indirect type fitted with viscous coupling	Type	EGIS safety cab. Forward Control, all steel construction with torsion bar tilt mechanism.
• CLUTCH		Seating capacity	Three
Type	Hino CS-350	Driver's seat	ISRI air suspension seat with lumbar support and an automatic pressure setting according to driver's weight. Adjustable slide, height, recline, swab angle and head restraint. Urethane foam padding with fabric upholstery. Three point auto retracting lap sash belt with a height adjustable shoulder anchor
Control	Dry single plate with damper springs	Side passengers seat	Reclining high back urethane padded seat with head restraint and fabric upholstery. Three point auto retracting lap sash belt
Facing Material	Hydraulic with air booster	Centre passenger's seat	Urethane foam padded seat and backrest which folds flat into a snack bench with a storage console. Fabric upholstery. Two point lap seat belt
Facing outside diameter	Cerametallic	Sun Visor	Fitted for driver and passenger side
• TRANSMISSION		Windshield wipers	2-speed and intermittent control
Type	LJ06S	Rear view mirrors	2 x West Coast type with spotter mirror on LHS
Type	6 Forward & 1 Reverse speeds. Over Drive with mechanical control and power assisted shift. Synchronmesh 2nd-6th	Over-head console	Fitted for driver and passenger side
Gear Ratio	1st 6.746 5th 1.000 2nd 4.190 6th 0.823 3rd 2.451 Rev. 6.453 4th 1.474	Audio	AM/FM radio cassette with CD player
• FRONT AXLE		Air Conditioner	Fitted as standard. Ventilation is forced type by electric blower through 12 outlets.
Type	LF366	Front air spoiler	Equipped
Capacity	Reversed Elliot '1' section beam	Rest bench	Fitted with mattress behind seats
• REAR AXLE		Power Windows	Equipped
Type	SH13-2	Door Lock	Electric
Capacity	Full-floating, single reduction, single speed with hypoid gears	Headlamp Adjustment	Electro-rheostat headlamp levelling adjustment
Ratio	7,000kg	• INSTRUMENTS	
Ratio	3.900:1	Meters and gauges	
• PROPELLER SHAFT		Speedometer	Fuel gauge
Universal joints	LF0932	Odometer with 2 trip meters	Coolant Temperature Gauge
Centre Bearing	Round bearing type	Tachometer	Air pressure gauge (Front & Rear)
	1-piece (Long)	Warning, pilot lamps and buzzers	
	2-piece (XLong)	Oil pressure warning lamp & buzzer	Charging warning lamp
• BRAKES		Air pressure warning lamp & buzzer	Beam indicator lamp
Type	Air over hydraulic, dual circuit with two leading shoes for front and rear acting on all wheels. Auto adjuster fitted	Engine over-run warning buzzer	Turn signal indicator lamp
Size - Front	320 x 110mm	Brake fluid level warning lamp & buzzer	Parking brake indicator lamp
Size - Rear	320 x 145mm	Brake adjustment warning lamp & buzzer	Seat belt warning lamp and buzzer
Effective Lining Area	3,216 cm ²	Exhaust brake indicator lamp	Reverse warning buzzer
Air Dryer	Equipped	Injection pump electrical warning lamp	Hazard warning lamp
Air Compressor	Single Cylinder water-cooled type	Coolant level warning lamp & buzzer	
Park Brake	Spring Brake acting on rear wheels	Switches	
Exhaust Brake	Electric-pneumatic operation with butterfly type valve	Lighting switch	Exhaust brake switch
• STEERING		Wiper and washer switch	Hazard lamp switch
Type	Collapsible telescopic and tilt steering column and wheel with locking device. Recirculating ball with hydraulic booster, integral type	Directional indicator and dimmer switch	
Gear Ratio	18.61:1	Others	
• FRONT SUSPENSION		One-key starting-stopping	Horn button
Type	Taper leaf springs with double acting shock absorbers	Throttle control knob	
Size	1,300 x 70mm	• ELECTRICAL EQUIPMENT	
Leaves	18.5 mm x 1 + 19.8mm x 1 + 16.2mm x 1	Type	24 volt, negative earth
• REAR SUSPENSION		Batteries	12 V x 2, series connection
Type	HAS200 Lo-Pro	Capacity:	65 Ah at 20-hour rate
Type	Two air bags with double acting shock absorbers	Alternator	24V, 50A with built in rectifier & voltage regulator
• WHEEL & TYRE		Headlamps	Semi-sealed beam, halogen type with integrated Fog lamps
Wheel type	6-stud disc wheel (JIS type)	Other lamps	Clearance lamps, License plate lamp, Reversing lamp, Stop/Tail lamps, Roof Marker lamps, Internal Dome lamps.
Rim size	6.75 x 17.5 - offset 135mm	12 volt electrical source	Equipped
Tyre size	9.5R17.5-129/127	• OPTIONAL EQUIPMENT	
Number of tyres	7 (including one spare tyre)	Engine Driven PTO	
Spare tyre carrier	Equipped	ABS Braking System (available by irrevocable order only)	
Tool Kit	Includes wheel brace and hydraulic jack		
• FUEL TANK			
Capacity	200 litres		
Fuel pre-filter & sedimenter	Equipped with water separator		