



RANGER-PRO 6 CREW

• RATINGS (kg)

4x2 Truck Chassis

	GVM	GCM
Ratings	10,400	16,000

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

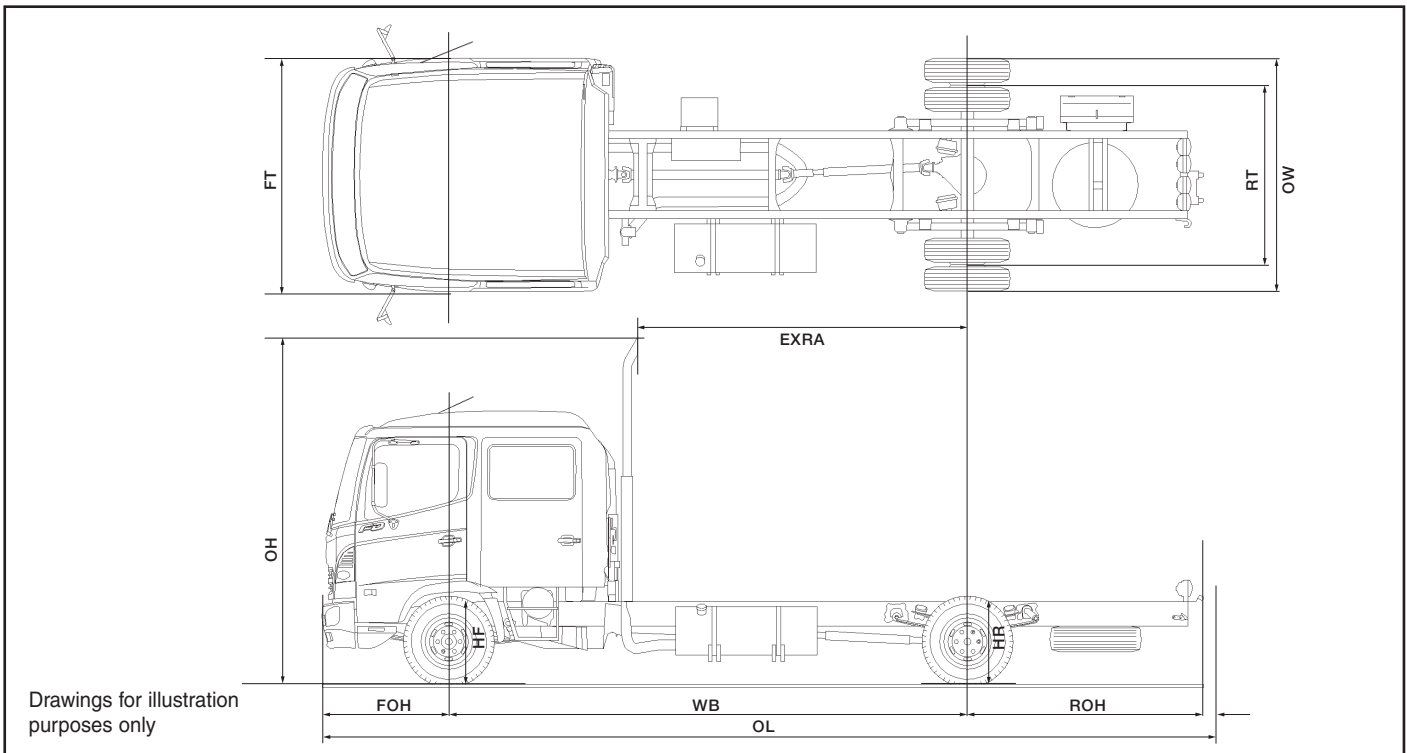
Model	CREW	
Model Ordering Code	FD1JLPA CREW	
Wheelbase	WB	4,850
Overall Length	OL	8,240
Overall Width	OW	2,175
Overall Height	OH	3,250
Cab Height		2,555
Exhaust to Rear Axle Centre	EXRA	3,130
Front Overhang	FOH	1,185
Rear Overhang	ROH	2,060
Front Chassis Height	HF	770
Rear Chassis Height	HR	875
Front Track	FT	1,770
Rear Track	RT	1,660
Road clearance (at diff. Case)		215
Turning Radius (kerb to kerb)		7,500
Turning Radius (Swept)		8,200

• **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	3,700
	Front	2,400
	Rear	1,300

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

Max. theoretical speed km/h	122
Gradeability (theoretical, tanθ)%	57.9



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• ENGINE		HINO JO8C-UJ		• CHASSIS FRAME	
Max. output (JIS Gross)	173kW at 2,500 rpm	Type	Parallel Chassis	Rear chassis width	820mm
Max. torque (JIS Gross)	706 Nm at 1,500 rpm	Size	1231.6 x 73 x 6.8mm	Tensile strength	540N/mm ² {55kgf/mm ² }
Max engine speed	2,900 rpm	Hook	Equipped for front & rear	Tool Box	Mounted on chassis
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)	• CAB			
Bore and Stroke	114x 130mm	Type	EGIS safety cab. Forward Control, all steel construction with electric oil jack tilt mechanism.		
Displacement	7,961cc	Seating capacity	Seven		
Compression Ratio	18.0:1	Driver's seat	ISRI air suspension with an automatic pressure setting according to drivers 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		
Cooling Fan	Indirect type fitted with viscous coupling	Side passengers seat	Reclining high back urethane padded seat with head restraint and fabric upholstery. 3 point auto retracting lap sash belt.		
• CLUTCH		Centre passenger's seat	Urethane foam padded seat and backrest which folds flat into a snack bench with a storage tray, fabric upholstery. Two point lap sash seat belt for outer passenger seats. Two point lap seat belt for two inner passengers seats.		
HINO CS-350		Sun Visor	Fitted for driver and passenger side		
Type	Dry single plate with damper springs	Windshield wipers	2-speed and intermittent control		
Control	Hydraulic with air booster	Rear view mirrors	2 x West Coast type with spotter mirror on LHS		
Facing Material	Cerametallic	Over-head console	Fitted for driver and passenger side		
Facing outside diameter	350mm	Audio	AM/FM Radio with Tape player		
• TRANSMISSION		Air conditioning	Fitted as standard. Ventilation is forced type by electric blower through 12 outlets		
LJ06S		Front air spoiler	Equipped		
Type	6 Forward & 1 Reverse speeds. Over Drive with mechanical control. Synchromesh 2nd-6th	Headlamp Adjustment	Electro-rheostat headlamp levelling adjustment		
Gear Ratio	1st 6.893 5th 1.000 2nd 4.274 6th 0.770 3rd 2.607 Rev. 6.453 4th 1.564	• INSTRUMENTS			
• FRONT AXLE		Meters and gauges			
LF366		Speedometer	Fuel gauge		
Type	Reversed Elliot 'I' section beam	Odometer with 2 trip meters	Coolant temperature gauge		
Capacity	3,600kg	Tachometer	Air pressure gauge (Front & Rear)		
• REAR AXLE		Warning, pilot lamps and buzzers			
SH13-2		Oil pressure warning lamp	Charging warning lamp		
Type	Full-floating, single reduction, single speed with hypoid gears	Air pressure warning lamp & buzzer	Beam indicator lamp		
Capacity	7,000kg	Engine over-run warning buzzer	Turn signal indicator lamp		
Ratio	4.625:1	Brake fluid level warning lamp & buzzer	Seat belt warning lamp & buzzer		
• PROPELLER SHAFT		Exhaust brake indicator lamp	Reverse warning buzzer		
Universal joints	Round bearing type	Injection pump electrical warning lamp	Hazard warning lamp		
Centre bearing	1-piece	Coolant level warning lamp & buzzer			
• BRAKES		Switches			
Type	Air over hydraulic, dual circuit system with two leading shoes for front and rear acting on all wheels with auto adjuster	Lighting switch	Fog lamp switch		
Size - Front	320 x 100mm	Wiper and washer switch	Exhaust brake switch		
Size - Rear	320 x 145mm	Directional indicator and dimmer switch	Hazard lamp switch		
Effective Lining Area	3.216cm ²	Others			
Air Dryer	Equipped	One-key starting-stopping	Horn button		
Air Compressor	Single Cylinder water cooled type	Throttle control knob			
Park Brake	Spring Brake acting on rear wheels	• ELECTRICAL EQUIPMENT			
Exhaust Brake	Electric-pneumatic operation with butterfly type valve	Type	24 volt, negative earth		
• STEERING		Batteries	12 V x 2, series connection Capacity: 65 Ah at 20-hour rate		
Type	Collapsible telescopic and tilt steering column and wheel locking device. Recirculating ball with hydraulic booster integral type	Alternator	24V, 50A with built in rectifier & voltage regulator		
Gear Ratio	18.6:1	Headlamps	Semi-sealed beam, halogen type with integrated Fog lamps		
• FRONT SUSPENSION		Other lamps	Clearance lamps, License plate lamp, Reversing lamp, Stop/Tail lamps, Roof Marker lamps, Internal Dome lamps (3)		
Type	Taper leaf springs with double acting shock absorbers and silencers	12 volt electrical source	Equipped		
Size	1,300 x 70mm	• OPTIONAL EQUIPMENT			
Leaves	18.5mm x 1 + 19.8mm x 1 + 16.2mm x 1	ABS Braking System (available by irrevocable order only)			
• REAR SUSPENSION					
Type	Semi-elliptic main and auxiliary leaf springs				
Main - Size	1,300 x 70mm x				
Main - Leaves	11mm x 8				
Auxiliary - Size	900 x 70mm				
Auxiliary - Leaves	10mm x 8 + 9mm x 1				
• WHEEL & TYRE					
Wheel type	6-stud disc wheel (JIS type)				
Rim size	6.75 x 17.5 - offset 135mm				
Tyre size	9.5R17.5-129/127				
Number of tyres	7 (including one spare tyre)				
Spare tyre carrier	Equipped				
Tool Kit	Includes wheel brace and hydraulic jack				
• FUEL TANK					
Capacity	200 litres				
Fuel pre-filter & sedimenter	Equipped with water separator				