

HINO

700 Series

SV - 4045



*Image may contain items not standard to the model

6 x 4 Tractor Head

KEY FEATURES

- Emission Level: Euro 3 Standard
- Antilock Braking System (ABS)
- Full Air brake
- Side Door Beams
- Telescopic and Tilt Steering Column
- AM/FM Radio
- Overhead console

KEY SPECIFICATIONS

GVM/GCM	39,500/100,000kg
Power	450hp/331kW
Torque.	1,912Nm
Transmissions	16 speeds Manual
Wheelbases mm	3,555 + 1,500
Overall Lengths mm	7,410

ENGINE

Model	HINO E13C-TR
Maximum Power	331kW (450 PS) at 1,800 r/min (ISO NET)
Maximum Torque	1,912 Nm (195 kgfm) at 1,100 r/min (ISO NET)
Maximum Engine Speed	2,150 r/min
Type	Diesel, Turbocharged and intercooled, 4-cycle, Vertical, 6-Cylinder, overhead camshaft, water-cooled
Combustion system	Direct Injection Type
Bore & stroke	137 x 146 mm
Piston displacement	12.913 L
Compression Ratio	17.5
Engine Oil Capacity	37.0 L
Fuel Injection System Type	Electronic Control Common Rail Type
Intake System	Dual paper element and pre-cleaner
Exhaust Tail	Stack Tail Type
Air compressor	Single Cylinder, Water-Cooled, 95 x 70 mm Bore and Stroke

TRANSMISSION & GEAR RATIOS

Performance & Gear Ratios: Calculations based in 100.0 ton GCM,

Model	ZF, sixteen forward and two reverse speeds, over drive, synchromesh 1st - 16th	
Control	Mechanical control with power shift	
Max speed (km/h)	119	
Gradeability tan θ (%)	19.8	
Transmission Gear Ratio (:1)	Model	ZF 16S2530 TO
	1	13.804 / 11.539
	2	9.487 / 7.930
	3	6.529 / 5.458
	4	4.565 / 3.816
	5 (High/Low)	3.023 / 2.527
	6	2.078 / 1.737
	7	1.430 / 1.195
	8	1.000 / 0.835
	Rev.	12.923 / 10.803
Gear Ratio (:1)	Model	THD18
	Rear axle	4.875

SERVICE BRAKE

Type	Full air, dual circuit, "S"cam type, leading and trailing shoes for front and rear wheels
Wheel Brake Ass'y Drum Diameter x Lining Width	Front : 440 x 127 mm Rear : 440 x 203 mm
ABS (Antilock Brake System)	Equipped (Without ASR)
Air Dryer	Equipped (Without heater)
Brake Blending System	Equipped

CLUTCH

Type	Dry Single Plate with damper Springs, automatic gap adjuster
Clutch Disc Ass'y	CS-430 series
Facing Material	Mold (non-Asbestos)
Facing Outside Diameter	430 mm
Clutch Cover Ass'y	DSP-430 series
Control	Hydraulic with Air Booster

PROPELLER SHAFT

Propeller Shaft Ass'y T/M ~ R/A R/A ~ R/A	Tube Type
Universal Joints	Round Bearing Type

STEERING

Type	Telescopic and tilt steering column with locking device, recirculating ball with hydraulic booster integral Type
Gear Ratio	21.4 - 23.8

FUEL TANK & SUPPLY

Capacity (Litre)	400 + 200
Fuel pre-Filter and sedimenter	Equipped

SECONDARY & PARKING BRAKE

Type	Spring brake acting on rear wheels, for emergency and parking purpose
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CHASSIS FRAME

Type	Ladder-Shaped Channel Section Side Rails
Rear Fender	Equipped
Front Underrun Protector	Equipped
Max. Section (depth x flange x thickness)	302 x 88 x 9.0 mm
Chassis width (at rear)	850 mm
Tensile Strength	540 N/mm ² (55 kgf/mm ²)
Tow Hook	Equipped (Front)

WHEEL & TIRE

Wheel Type	6 spoke (Trilex type)
Rim Size	24 x 8.50 - offset 182 mm
Tire Size	325/95R24-162/160
Number of Tires	10

RETARDER

Type	Hino engine Retarder
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Note: All Specifications of the products are with Normal Manufacturing allowances and tolerances, Hino Motos, Ltd. Reserves the right to alter specifications at any time without prior notice, Figures of axle capacity can be changed by the operating conditions and specifications of equipments concerned

CAB

Type	Forward control, all steel welded construction, full floating cab suspension (front: air, Rear: coil) with hand-operated oil-pump tilting mechanism
Seating capacity	Two
Driver's Seat	4-way adjustable driver seat, Urethane foam pads, High-back
Instrument Panel Center Cluster	Dark Grey Color
Seat Cover	Fabric
Seat Belt	3-point type on driver's and assistant's seat
Sunvisor	Equipped (Both Sides)
Door Pocket	Equipped (both Sides)
Outside Mirror	Equipped (EC type)
Cab Trim	Semi Trim (side and roof)
Car Audio	AM/FM Radio
Heater and Defroster	Equipped (with Warm up Switch)
Air Conditioner	Equipped
Air inlet Filter	Mesh Type
Windshield wiper	Electric, triple, intermittent and 2-speed
Outside Rear View Mirrors	EC type, Long stay with Arabic Caution
Mirror Stay	Door Mounting
Overhead Console	Equipped (Driver Sides)
Floor Mat	Vinyl type
Assistant's Seat	Reclining seat, Urethane foam pads, High-back
Cab Step	Equipped
Ash Tray	Equipped (driver Side)
Fire Extinguisher	Equipped
Cab Pocket	Equipped (Door Pocket)
Ventilator	Forced Type by Electric Blower

AXLE & SUSPENSION

FRONT	Front Axle Ass'y	MF88SL Series
	Front Axle Type	Reversed Elliot, "I" Section Beam
	Front Suspension Type	Semi-elliptic leaf springs with shock absorbers
	Dimensions of Springs	Span : 1,700 mm - Width : 90 mm
REAR	Rear Axle Type	Tandem axle, dual drive with inter axle differential lock, full floating single reduction, single speed by hypoid gearings
	Rear Suspension Type	Semi-elliptic leaf springs with torque rods
	Dimensions of Main Springs	Span : 1,500 mm - Width : 90 mm

RATINGS & AXLE LOAD LIMIT (KG)

	GVM	GCM	Front Axle	Rear Axle
Ratings	39500	100000	8000	32000
Axle Load Limit	325/95R24-162/160		8000	32000

CHASSIS DIMENSIONS (MM)

All dimensions are to standard specifications and unladen chassis

Model Description	HINO 74045
Product Code	SV1EMVA-PTP
Application	For Semi Tractor
Cab Type	Standard Roof
Wheelbase (WB)	3,555 + 1,500
Overall length (OL)	7410
Overall width (OW)	2570
Overall height (OH)	3955
Rear Overhang (at frame end)	950
Front Chassis Height (HF)	1180
Rear Chassis height (HR)	1245
Road Clearance (at diff. case) (RC)	335
Front Tread (FT)	2090
Rear Tread (RT)	1880
Turning Radius on tire	10000
Turning Radius wall to wall	10600

CHASSIS MASS (KG):

Chassis mass quoted is to standard specifications with spare tire and standard tool set

Fuel: Full	
Total	10240
Front	5115
Rear	5125

ELECTRICAL EQUIPMENT

Type	24V, Negative Earth
Batteries, Number per vehicle capacity	12 V x 2, series-connection 120 A·h {432 kC} at 20-hour rate
Alternator	With built-in rectifier and voltage regulator, 24 V, 60 A
Starter	Pinion shift, 24 V, 6.0 kW
Lights	Headlight Directional indicator and hazard light Side flasher light Map light Step light Stop/Tail light Back-up light Cornering light Front end-outline marker light Rear end-outline marker light Work light
Horn	Electric Type
Back up buzzer	Equipped

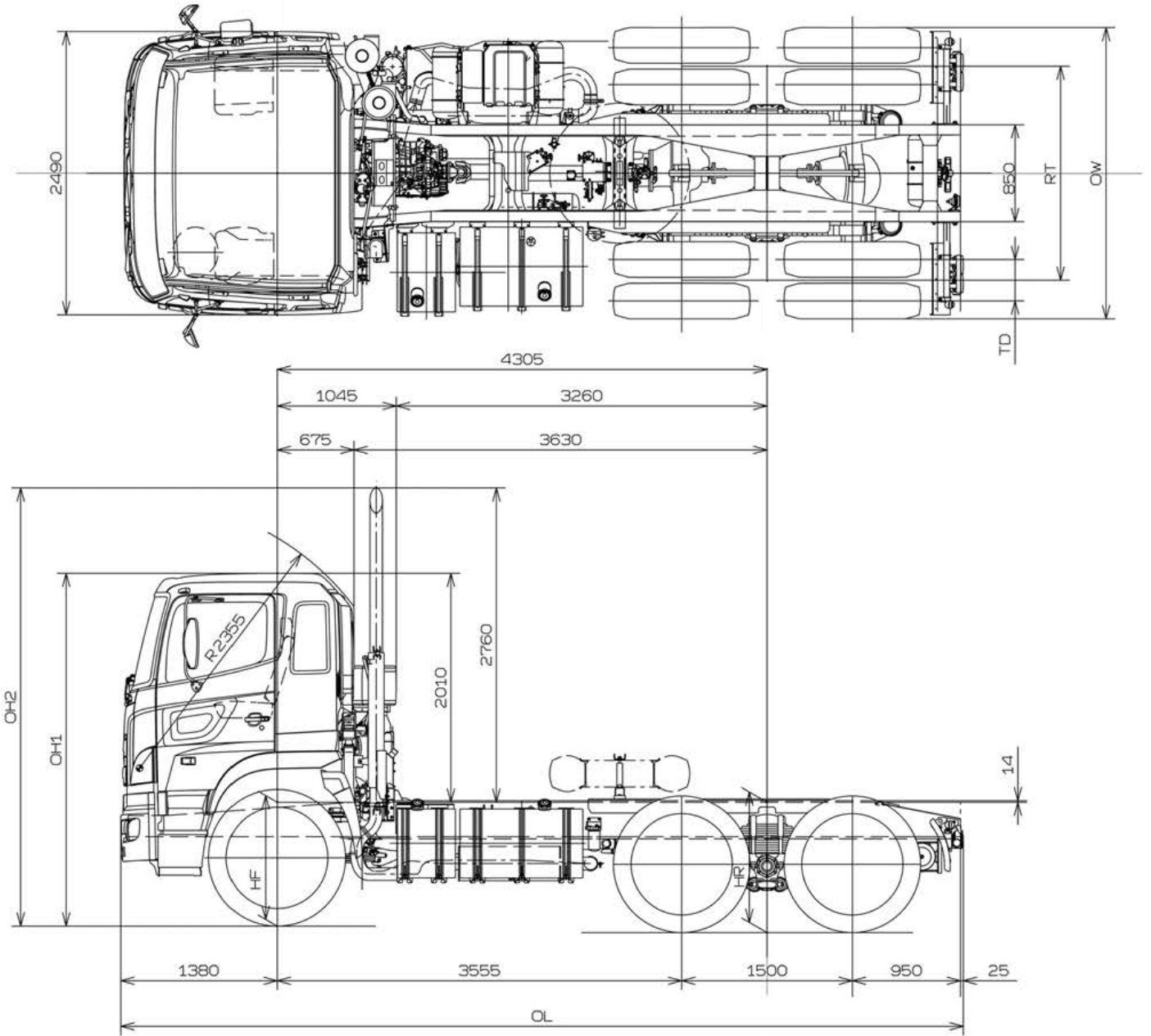
TRAILER EQUIPMENTS

Semitrailer brake, Brake Connection	2 air-line, service and emergency
Trailer Hand Brake	Equipped

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INSTRUMENTS

Meter and Gauges	KM/KG System	<p>Speedometer</p> <p>Odometer with trip meter</p> <p>Tachometer</p> <p>Fuel gauge</p> <p>Coolant temperature gauge</p> <p>Air pressure gauge</p>
Warning, pilot lamps and buzzers		<p>Engine oil pressure warning lamp and buzzer</p> <p>Air pressure warning lamp and buzzer</p> <p>Engine retarder indicator lamp</p> <p>Seat belt warning lamp</p> <p>High beam indicator lamp</p> <p>Battery discharge warning lamp</p> <p>Turn signal indicator lamp</p> <p>Parking brake indicator lamp</p> <p>Coolant level warning lamp and buzzer</p> <p>Differential lock indicator lamp</p> <p>Engine over-run warning buzzer</p> <p>Turbo boost warning lamp</p> <p>Engine oil filter warning lamp</p> <p>Fuel filter water level warning lamp</p> <p>Transmission splitter range indicator lamp</p> <p>Check engine warning lamp</p>
Switches		<p>Lighting switch</p> <p>Directional indicator, dimmer and passing switch</p> <p>Wiper and washer switch</p> <p>Hazard light switch Warning light check switch</p> <p>Map light switch</p> <p>Differential lock switch</p> <p>Parking light switch</p>
Others		<p>One-key starting-stopping</p> <p>Throttle control knob</p> <p>Horn button</p>



Strong Product Support

دعم قوي لمنتجاتنا

الضمان
سنتان أو ٢٠٠,٠٠٠ كم



WARRANTY
2 YEARS or 200,000 Kms

جودة خدمة هينو



HINO
QUALITY SERVICE

قطع غيار هينو الاصلية



HINO GENUINE PARTS

فئات مختلفة من
عقود الصيانة



VARIOUS CATEGORIES OF
SERVICE CONTRACTS

الدعم الكلي



TOTAL
SUPPORT

TSUSHO JAMJOOM

92 000 95 44



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الدمام
٩٠٥٨ طريق الملك فهد
حي القشلة الظهران
٣٤٢٣٢-٣٦٩١

الرياض
٤٧٨٢ طريق خريص
حي النهضة الرياض
١٣٢٢١-٥١٠٩

المدينة المنورة
٣٢٠٥ طريق المطار حي
الدوبخلة المدينة المنورة
٤٢٣٦٨-٨٦٠٨

خميس مشيط
٥٢٩٨ طريق الملك فهد
حي أم سرور خميس مشيط
٦٢٤٦١-٧٥٦٧

جدة
٧٩٤٢ شارع مدائن الفهد
حي النزلة الشرقية
٢٢٣٣٥-٣٦٩١

