



SANY



SANY EXPRESS 4×2 495 TRACTOR

KEY FEATURES

Electric Stability Control (VSC)
Anti-Lock Braking System (ABS)
Anti-Slip Regulator (ASR)
Electronic Stability Control System (ESC)
High Roof Flat Floor Standard Cab With Two Berths
Color Liquid Crystal Instrument
Electrically Heated Rearview Mirror
Luxury Leather Airbag Damping Seats
Permed And Polished Top Grade Fabric Zero Pressure Berth
Rear Enclosure Storage Box
Four Point Jet Wiper
Front Shade + Left Square Shade
Guide Hood (Top + Side)

KEY SPECIFICATIONS

GVW	7,500kg
GCW	4,3 000kg
POWER	490hp/360kW
Torque of Engine	2200kN
Transmissions	12-Speed Gearbox
Piston Displacement	12.12L
Height of the Fifth Wheel	1180±50mm
Drive Mode	4×2
Overall Dimension (L×W×H)	7065×2545×3700mm
Wheelbase	4000mm
Type of Suspension	Leaf at Front and Pneumatic at Rear
Tyre Specification	315/70 R22.5
Cab mode	Overhead + flat floor+ standard mode

ENGINE

Model	D12C5-490E1
Max Output (ISO Net)	490hp/360kW @ 1900RPM
Max Torque (ISO Net)	2200Nm @ 1100-1,500 RPM
Max Engine Speed	2,100 RPM
Engine Compliance	Euro 5 STD
Type	Turbocharged & Intercooled, 6 cylinder in-line, overhead camshaft & fluid cooled
Combustion System	Direct Injection
Bore & Stroke	131 x 150mm
Piston Displacement	12120cm ³
Compression Ratio	17.0 : 1
Engine Oil Capacity	30L
Fuel Injection System	High Pressure Common Rail System
Air Intake System	Stack-type
Air Cleaner	Dual paper elements
Cold-Start System	SEG HXF95-L-24V

TRANSMISSION & GEAR RATIOS

Automatic		
Make & Description	FAST 12 Speed With Electronic Control	
Type	Overdrive	
Gear Ratios	1	12.26
	2	9.56
	3	7.36
	4	5.73
	5	4.52
	6	3.52
	7	2.71
	8	2.11
	9	1.62
	10	1.27
	11	1.00
	12	0.78
	REV1	11.28
REV2	8.79	
Rear axle Ratio	3.364	

FUEL TANK

Material	Aluminium
Capacity	800L
Lockable cap	Equipped
Pre Filter & sedimenter	Equipped

PERFORMANCE

Calculations Based On 43t GVW With 315/70R22.5 Drive Tyres	
Engine RPM @ 100 km/h	2,200
Max Theoretical Speed (km/h)	127
Economic Speed (km/h)	73-102
Gradeability tan θ (%) @ GVM	24.6
Speed Limited To (km/h)	90

BRAKES

Type	Full Air, dual circuit
Auto adjusters	Equipped
Electric Stability Control (VSC)	Equipped
Anti-lock Braking System (ABS)	Equipped
Anti-Slip Regulator (ASR)	Equipped
Electronic Stability Control System (ESC)	Equipped
Air Dryer	Equipped
Park Brake	Spring Brake acting on rear wheels
Variable Valve Exhaust Brake	Equipped

AXLE, SUSPENSION & LOAD LIMITS

FRONT	Front Axle Model	HANDE 7.5t
	Type	I-Beam,
	Suspension	Taper leaf springs with shock absorbers
	Spring Dimensions	26*90*1800
	Spring Rate	370 N/mm
	Axle Limit(Including Suspension)	6500
	Tyre Limit	6,900 kg
REAR	Rear Axle Model	HANDE Z300 13t Double reduction axle
	Type	Fully floating, single reduction, hypoid
	Suspension	Pneumatic suspension
	Spring Dimensions	/
	Spring Rate	/
	Axle Limit(Including Suspension)	11500
	Tyre Limit	12600

THE FIFTH WHEEL

Brand	JUST
Model	JSK36DV2
Pin	50#
Height	150mm
Vertical Load	20t
D	152kN
Longitudinal Angular	15°
Height of the Fifth Wheel	1180

STEERING

Type	Telescopic & tilt steering column with locking device Recirculating ball with internal Power Steering	
Steering Angles	Inner 49°	Outer 34°
Cylinder Diameter of Power Steering Gear	120mm	

WHEELS & TYRES

Material	Front	Steel
	Rear	Steel
Tyre Speed Class	L	
Rim Size (in)	22.5	
Tyre Size	315/70 R22.5	
Number of Tyres	Front	2
	Rear	4
Spare Tyre Carrier	Equipped	

CHASSIS FRAME

Type	Wide at front and narrow at back, sectional type	
Chassis Outer Width(At Front)	940mm	
Chassis Outer Width (At Rear)	850mm	
Main Section (mm)Depth X Flange X Thickness)	300×80×8	
Front Underrun Protection (FUP)	Equipped	
Front And Rear Tow Hook	Equipped	
Local Reinforcement	5mm	



ELECTRICAL

Type	24V, negative earth	
Batteries	12V x 2, series connection, 220 Ah	
Alternator Type	Brushless, with built-in regulator	
Capacity	28V, 80 Amp	
High/Low Beam	Halogen type	
LED Headlamps	Equipped	
LED Clearance Lamp	Equipped	
Fog Lamps	Halogen type	
LED Step Light Lamp	Equipped	
Electric Air Horn	Equipped	
Cigarette Lighter	Equipped	
24V Power Supply Port	Equipped	
Inverter	1000W 220V	

CABIN

Type	Overhead + flat floor+ standard model	
Lifting Form	Electro-hydraulic lift	
Drivers SRS Airbag	Equipped	
Seating Capacity	Two	
Driver's Seat	Luxury leather vibration absorbing seats lumbar support, multi adjustable, air suspended, with integrated safety belt	
Passenger's Seat	Urethane foam pads, high-back & reclining seat with fabric cover, air suspension	
Seat Belt	3-point type	
Sun Visor And Overhead Console	For driver & passenger sides	
Windshield Wipers	Electric, dual & Four point injection	
Ventilator	Forced type by electric blower	
Rear View Mirrors	External: Electric Control & heated flat type, Convex spotters both sides and Left side kerb view	
Central Locking & Keyless Entry	Equipped with immobiliser	
Heater And Defroster	Standard	
Air Conditioner	Standard	
Auxiliary Heating	Standard	
Trim	Full trim type (side, roof & back)	
Cab Pockets	Equipped on both door sides	
Power Windows	Equipped	
Multi Media System	7" LCD, HD touch screen display with DAB+ AM/FM radio, AAUX input, Bluetooth®, Android CANBUSconnection	
Speakers	Equipped	
Glonass	Equipped	
Foot Rest	Equipped	
Air Deflector	Equipped	
Cup Holders	Equipped	
Cruise Control	Equipped	
Maintenance-Free Wheel Hub	Equipped	