



SP SERIES



SINOTRUK SPX 6X4

WEICHAI EURO II / 430 HP

Zimbabwe's Official Sinotruk and Powerstar Dealer.

24 Martin Drive, Msasa, Harare | trucks@sinopower.co.zw | 0787 319 451

SP **SINOPOWER**
COMMERCIAL VEHICLES

ENGINE

Make: Weichai
Diesel: 4-stroke direct injection diesel engine
Engine model: WP12.43E201, Euro II emission
6-cylinder in-line with water cooling, turbo-charging and intercooling
Maximum output: 430 hp (311 Kw) at 1900 rpm
Maximum torque: 1900 Nm
Number of cylinder: 6
Displacement: 11.6 L
Compression ratio: 17:1
Specific fuel consumption: 188 g/kWh
Twin cylinder air compressor
Rigid fan

PROPELLER SHAFT

Double universal joint propeller shaft with gear-shaped coupling flange.

FRONT AXLE

Sinotruk VGD71, steering with double T-cross section beam.

BRAKES

Service brake: dual circuit compressed air brake
Parking brake (emergency brake): spring energy on rear axles
Auxiliary brake: exhaust brake
ABS

DRIVER CAB

Double sleeper cabin, all-steel forward control, hydraulically tiltable to the front, 2-arm windscreen wiper system with three speeds, laminated windscreen with casted-in radio aerial, adjustable air driver's seat and rigid adjustable co-driver's seat with ventilation system, with A/C, exterior/interior sun visor, stereo radio/usb interface/CD player, safety belts, adjustable steering wheel, air horn, with 4-point support fully floating air suspension with shock absorber, stabilizer, with wind deflector, remote central control lock, electric window and rearview mirror, integrated manual and electric cab lifting system.

ELECTRICS

Operating voltage: 24 V, negative grounded
Starter: 24 V, 5.5 Kw
Alternator: 3-phase, 28V, 2240W
Batteries: 2 x 12 V, 165 Ah
Cigar-lighter, horn, headlamps, fog lights, brake lights, indicators and reverse light.

STEERING

ZF power steering, model ZF8098, hydraulic steering with power assistance.
Ratio: 22.2-26.2

CLUTCH

Sinotruk single-plate dry diaphragm-spring clutch, diameter

TRANSMISSION

Sinotruk transmission, model HW19712, manual, constantmesh on each shift and synchromesh on range shift, 12 F & 2 R
Ratio: 15.01 11.67 9.03 7.14 5.57 4.38 3.43 2.67 2.06 1.63 1.27 1 13.81[®] 3.16[®]
Female PTO powered for trailer Hydraulic System

CHASSIS

Frame: U-profile parallel ladder frame with section of 300x90x8 mm and reinforced subframe, all cold riveted cross members.
Front suspension: 3 semi-elliptic leaf springs with shock absorbers and stabilizer.
Rear suspension: bogie suspension of 5 leaf semi-elliptic leaf springs with stabilizer.
Fuel tank: aluminium, 600L capacity with locking fuel cap
Fifth wheel: 2" JOST
Spare wheel

REAR AXLES

Sinotruk MCY13BGS, cast axle housing, central reduction drive axle with inter-axle and inter-wheel diff. lock.
Ratio: 3.7 Optional ratio: 3.36, 4.11

WHEELS & TYRES

Rims: 9.00x22.5, 10 hole-steel
Tyres: 385/65R22.5 (F) 315/80R22.5 (R)

INSTRUMENT PANEL

VDO panel, active check control with indicators, with this instrument the daily manual checks on the vehicle and combined indicators of compressed air pressure, coolant temperature, engine oil pressure and battery charging.

MASS IN KG's

| | |
|--|-------|
| Tare Weight | 8900 |
| Manuf's Gross Combination Weight of design | 60000 |
| Manuf's Gross Vehicle Weight of design | 32000 |
| Manuf's Front Axle Weight of design | 7500 |
| Manuf's Rear Axle Weight of design | 26000 |

PERFORMANCE

| | |
|------------------------------|-----|
| Maximum driving speed (km/h) | 101 |
| Maximum gradeability (%) | 36 |
| Minimum turning circle (m) | 18 |

DIMENSIONS IN MM

| | |
|----------------------------------|-----------|
| Wheel base | 3200+1400 |
| Front wheel track | 2041 |
| Rear wheel track | 1830 |
| Front overhang | 1540 |
| Rear overhang | 870 |
| Approach angle (°) | 15 |
| Departure angle (°) | 46 |
| Overall length | 6985 |
| Overall width | 2496 |
| Overall height | 3700 |
| Height of fifth wheel above road | 1334 |

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