

X5 rental gensets

The new 'X5' sets standards of excellence both in terms of technology and performance. The fit, form and function are clearly discernable, harmonising aesthetics with clarity of control. SisuDiesel (formerly Valmet) are one of the Massey Ferguson family of companies and their engines power some of the biggest names in industry worldwide including Case, Steyr, Valtra and Massey Ferguson to name but a few. They are used in a wide variety of applications - combine harvesters, excavators, graders, container handlers as well as power generation, of course.

The 20, 34 and 45 series engines make a powerful statement, combining refined power and performance with spontaneous response to changing loads. More than any other engine they provide power and efficiency with the support of a worldwide network.

All X5 generating sets utilise Newage Stamford alternators with 'severe environmental protection'. These alternators are renowned throughout the world for quality and performance and their utilisation of superior materials and processes.

Description:

Complete 'ready-to-run' specification with the following standard features:

Mechanical speed governor, engine lubrication oil, engine sump drain piping and valve, 3-phase alternator, radiator with 50 degC ambient capability, radiator coolant drain piping and valve, coolant solution with 30% anti-freeze, low coolant level alarm.

Polyester powder coated baseframe with earth stud, vibration isolators between genset and base, 24 hour capacity steel banded fuel tank (with internal baffles and an access hatch for cleaning) complete with filler cap, flexible fuel lines, a fuel tank level gauge, fuel /water separator, exhaust manifold stub pipe, exhaust silencer.

Wiring loom /harness, 4-pole circuit breaker with earth leakage protection, connection box with copper busbar and multiple sockets, earth strap, battery rack and cables on base frame, dry-charged heavy duty starting battery /batteries, battery isolator, emergency stop lock-down pushbutton.

Operator's manual pack (English - other languages available at no extra charge).

Control panel:

InSight4000 is a sophisticated digital electronic genset control panel with diagnostic capability (see the separate brochure for panel features and additional options). The panel may be upgraded to InSight5000 for AMF operation and /or for use with an automatic transfer panel or to InSight6000 for synchronising applications.

Enclosure:

Super sound attenuated enclosures are manufactured from heavy gauge galvanised sheet steel (polyester powder painted for rust-proofed protection). The enclosures are fitted with extra-thick, high-density acoustic grade foam for superior performance. Access is provided by wide aperture lockable doors with passive fasteners used throughout. The residential silencer is mounted internally for enhanced performance. Noise levels are independently certified.

Units are fitted with an internally mounted centre lifting beam. The baseframe is provided with fork lift pockets and four heavy-duty lifting eyes.

Warranty:

All inclusive 12 months warranty.

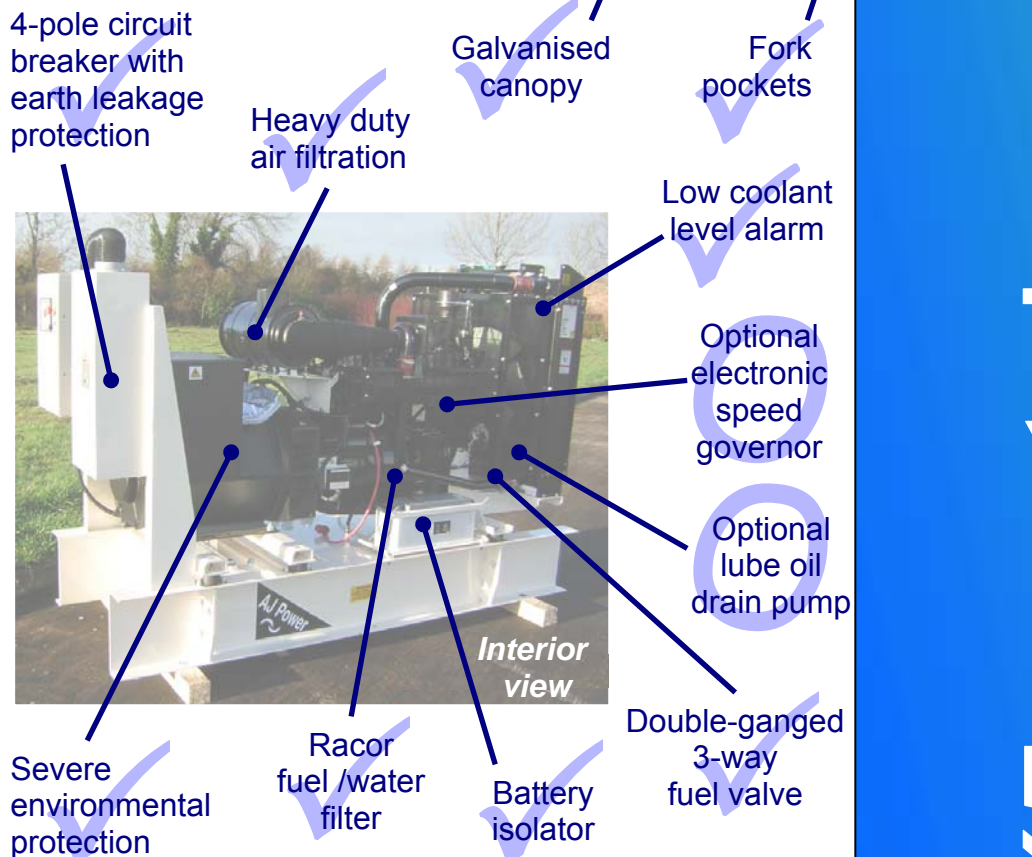
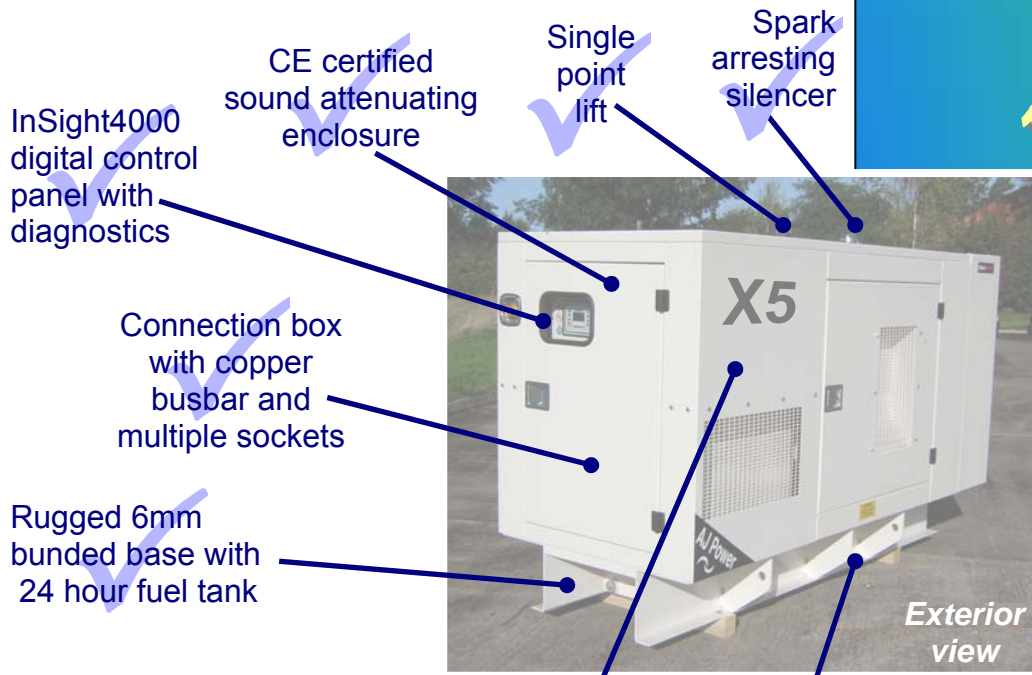


X5 rental
product leaflet

| Rental genset model | Engine model | Prime kVA (50Hz) | Technical data reference |
|---------------------|--------------|------------------|--------------------------|
| X5P36 | 320 DSG | 36 | DA3-AJ40P-5D1 |
| X5P60 | 320 DSRG | 60 | DA3-AJ68P-5D1 |
| X5P85 | 420 DSRG | 85 | DA3-AJ91P-5D1 |
| X5P100 | 420 DSRAG | 100 | DA3-AJ110P-5D1 |
| X5P130 | 620 DSRG | 130 | DA3-AJ144-5D1 |
| X5P160 | 620 DSRAG | 160 | DA3-AJ75P-5D1 |
| X5P200 | 634 DSRAG | 200 | DA3-A220P-5D1 |



**1,000 hours
unattended
running
option**



X5 rental standard features

Document reference: X5 rental_product_041220-2

| Feature /option | Reference | X5 rental |
|--|-----------|-----------|
| Option codes: ■ standard □ standard option -- not available * Number of control panel channels is limited Fault codes: (A) for Alarm (S) for Shutdown | | |
| Control System | | |
| Upgrade InSight4000 to InSight5000 (for automatic mains failure operation) | PN5 | □ |
| Upgrade InSight4000 to InSight6000 (for synchronising applications) | PN6 | □ |
| Event recorder and maintenance call | ER1 /MC1 | ■ |
| Over /under voltage (S), over /under frequency (S) | UV1 /UF1 | ■ |
| Load imbalance (A) | LT1 | ■ |
| Engine | | |
| Electronic governor | EG1 | □ |
| Coolant heater (+ auto on /off control) | WH1 | □ |
| Coolant drain piped to side (+ valve) | --- | ■ |
| Lube oil drain piped to side (+ valve) | --- | ■ |
| Lube oil drain pump (manual) | LP1 | □ |
| Extended sump for 1,000 hours unattended running (420, 620, 634), including option LF1 | LX1 | □ |
| Centrifugal oil filter (420, 620, 634) | LF1 | □ |
| Approaching low lube oil pressure (A) | LA1 | ■ |
| Low lube oil pressure (S) | --- | ■ |
| Overspeed (S) | --- | ■ |
| Alternator | | |
| Anti-condensation heaters (+ auto on /off control) | AH1 | □ |
| SX440 AVR (SE – self excited) | AR1 | □ |
| SX421 AVR + 3-phase sensing (SE) | AR2 | □ |
| MX341 AVR + PMG | AR3 | □ |
| MX321 AVR + 3-phase sensing + PMG | AR4 | □ |
| Quadrature droop kit | AR5 | □ |
| Radiator | | |
| Low ambient coolant solution | WA2 | □ |
| Approaching high coolant temp (A) | WC2 | ■ |
| High coolant temp (S) | --- | ■ |
| Low coolant level (A) | WS1 | ■ |
| Baseframe /Handling | | |
| Bunded 24 hour fuel basetank | BT1 | □ |
| Forklift pockets | BF1 | ■ |
| Single point lift | BL1 | ■ |
| Fuel | | |
| Fuel tank level gauge | --- | ■ |
| Racor fuel filter | FWS | ■ |
| Low fuel level (A) | FL1 | ■* |
| Low fuel level (S) (shutdown as alternative to alarm) | FL2 | □* |
| Double ganged 3-way valve | FV6 | ■ |
| Exhaust | | |
| Spark arresting residential silencer | ES1 | ■ |
| Stainless steel bellows | EB1 | ■ |
| AC Power /Auxiliaries | | |
| Circuit breaker (4-pole) | CB4 | ■ |
| Earth leakage protection (from 300mA) | EL1 | ■ |
| Connection box with copper busbar | CC1 | ■ |
| Multiple sockets | SK | ■ |
| External inlet socket for auxiliary supply | SX1 | ■ |
| External inlet socket for 2-wire remote start | SX2 | ■ |
| Battery | | |
| Low battery voltage (A) | --- | ■ |
| Battery isolator switch | BI1 | ■ |
| Battery with electrolyte instead of dry | BW1 | □ |
| Static battery charger (5A) | BC1 | ■ |
| Battery charging system failure (A) | --- | ■ |
| Other | | |
| Road trailer | RT1 | □ |
| Sound attenuating container | CEC | □ |
| Tool kit | TK1 | □ |
| Packing case | PC2 | □ |
| CE certification | CE2 | ■ |
| Additional operator's manuals | OM1 | □ |

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In line with our policy of continuous development, we reserve the right to change specification without notice

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X5 rental standard options