

Exclusively from your Caterpillar® dealer



Enclosure Pictured May Include
Optional Accessories

SOUND ATTENUATED ENCLOSURES

30-165 kVA, 50 Hz

30-165 kVA, 60 Hz

The fully weatherproof Sound Attenuated (SA) enclosures reduce sound levels to a level that is lower than European Community regulations.

The enclosures incorporate internally mounted exhaust silencers and are of extremely rugged construction to withstand the rough handling common on many construction sites. They are designed on modular principles with many interchangeable components permitting on-site repair.

FEATURES

ROBUST/HIGHLY CORROSION RESISTANT CONSTRUCTION

- Stainless steel locks and hinges
- Zinc plated or stainless steel fasteners
- Body made from steel components treated with polyester powder coating

EXCELLENT ACCESS FOR MAINTENANCE

- Full length extra wide doors on each side
- Doors top hung and supported by gas struts
- Radiator fill access plate
- Lube oil and cooling water drains piped to exterior of the enclosure

SECURITY AND SAFETY

- Control panel viewing window in a lockable access door
- Emergency stop button mounted on enclosure exterior
- Cooling fan and battery charging alternator fully guarded
- Fuel fill and battery can only be reached via lockable access doors
- Exhaust silencing system totally enclosed for operator safety

TRANSPORTABILITY

- Tested and certified single point lifting facility
- Lifting points on baseframe

OPTIONS

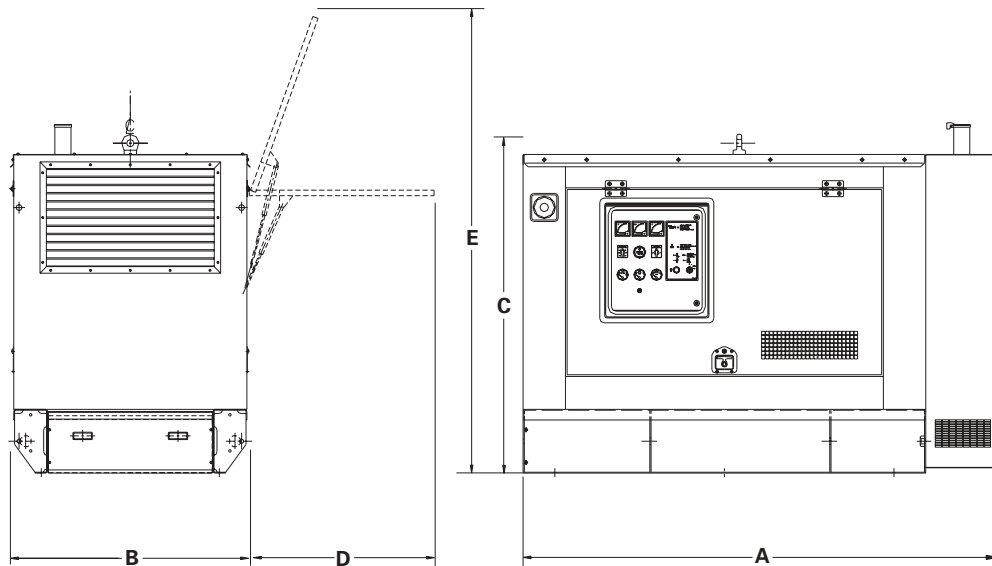
- Oil field type skid with dragging points and fork lift truck pockets

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SOUND PRESSURE LEVELS (dBA)

| Generating Set Model | Duty | 50 Hz at 1500 rpm | | | | | | 60 Hz at 1800 rpm | | | | | | |
|---------------------------|---------|-------------------------|----------|-----------|----------|-----------|----------|-------------------|----------|-----------|----------|-----------|----------|-----------|
| | | Sound Power Level (LWA) | 15 m | | 7 m | | 1 m | | 15 m | | 7 m | | 1 m | |
| | | | 75% Load | 100% Load | 75% Load | 100% Load | 75% Load | 100% Load | 75% Load | 100% Load | 75% Load | 100% Load | 75% Load | 100% Load |
| GEP30, GEP20SP1, GEP23SP1 | Prime | 94 | 62.5 | 63.0 | 68.0 | 68.0 | 79.0 | 79.0 | 64.5 | 65.0 | 70.0 | 70.0 | 81.0 | 81.0 |
| | Standby | 94 | 62.5 | 63.0 | 68.0 | 68.0 | 79.0 | 79.0 | 64.5 | 65.0 | 70.0 | 70.0 | 81.0 | 81.0 |
| GEP44-3 | Prime | 98 | 64.0 | 64.0 | 70.0 | 70.0 | 81.0 | 81.5 | 67.0 | 68.0 | 73.0 | 74.0 | 84.0 | 85.0 |
| | Standby | 98 | 64.0 | 64.5 | 70.0 | 70.5 | 81.5 | 82.0 | 68.0 | 68.0 | 74.0 | 74.0 | 85.0 | 85.0 |
| GEP30SP-3 | Prime | 98 | 64.0 | 64.5 | 70.0 | 70.5 | 81.5 | 82.0 | 68.0 | 68.0 | 74.0 | 74.0 | 85.0 | 85.0 |
| | Standby | 98 | 64.0 | 64.5 | 70.0 | 70.5 | 81.5 | 82.0 | 68.0 | 68.0 | 74.0 | 74.0 | 85.0 | 85.0 |
| GEP35SP-3 | Prime | 98 | 64.0 | 64.0 | 70.0 | 70.0 | 81.0 | 81.5 | 67.0 | 68.0 | 73.0 | 74.0 | 84.0 | 85.0 |
| | Standby | 98 | 64.0 | 64.0 | 70.0 | 70.0 | 81.0 | 81.5 | 67.0 | 68.0 | 73.0 | 74.0 | 84.0 | 85.0 |
| GEP50-3, GEP40SP-3 | Prime | 98 | 64.0 | 64.5 | 70.0 | 70.5 | 81.5 | 82.0 | 68.0 | 68.5 | 74.0 | 74.0 | 85.0 | 85.0 |
| | Standby | 98 | 64.0 | 64.5 | 70.0 | 70.5 | 81.5 | 82.0 | 68.0 | 68.5 | 74.0 | 75.0 | 85.0 | 85.0 |
| GEP65-3, GEP50SP-3 | Prime | 96 | 62.5 | 63.0 | 68.5 | 69.0 | 78.5 | 79.5 | 65.0 | 65.0 | 71.0 | 71.5 | 82.0 | 82.0 |
| | Standby | 96 | 62.5 | 63.0 | 68.5 | 69.0 | 78.5 | 79.5 | 65.0 | 65.0 | 71.0 | 71.0 | 82.0 | 82.0 |
| GEP83-3 | Prime | 96 | 63.0 | 64.0 | 69.0 | 70.0 | 79.5 | 80.0 | 65.0 | 66.0 | 71.0 | 72.0 | 82.0 | 83.0 |
| | Standby | 96 | 63.0 | 64.0 | 69.0 | 70.0 | 79.5 | 80.5 | 65.0 | 67.0 | 71.0 | 73.0 | 82.0 | 83.0 |
| GEP62SP-3 | Prime | 96 | 62.5 | 63.0 | 68.5 | 69.0 | 78.5 | 79.5 | 65.0 | 65.0 | 71.0 | 71.0 | 82.0 | 82.0 |
| | Standby | 96 | 62.5 | 63.0 | 68.5 | 69.0 | 78.5 | 79.5 | 65.0 | 65.0 | 71.0 | 71.0 | 82.0 | 82.0 |
| GEP100, GEP80SP1, GEP110 | Prime | 98 | 63.5 | 65.0 | 70.0 | 71.0 | 80.0 | 82.0 | 65.5 | 67.0 | 72.0 | 73.0 | 82.0 | 84.0 |
| | Standby | 98 | 63.5 | 65.0 | 70.0 | 71.0 | 80.0 | 82.0 | 65.5 | 67.0 | 72.0 | 73.0 | 82.0 | 84.0 |
| GEP150 | Prime | 97 | 62.3 | 63.2 | 68.3 | 69.2 | 80.2 | 80.4 | 66.6 | 67.3 | 72.6 | 73.3 | 84.1 | 84.8 |
| | Standby | 97 | 62.3 | 63.2 | 68.3 | 69.2 | 80.2 | 80.4 | 66.6 | 67.3 | 72.6 | 73.3 | 84.1 | 84.8 |
| GEP165 | Prime | tba | tba | tba | tba | tba | tba | tba | na | na | na | na | na | na |
| | Standby | tba | tba | tba | tba | tba | tba | tba | na | na | na | na | na | na |

Levels in accordance with European Noise Directive (2000/14/EC)



DIMENSIONS AND WEIGHTS

| Generating Set Model | A: mm (in) | B: mm (in) | C: mm (in) | *D: mm (in) | E: mm (in) | Weight: kgs (lb) |
|----------------------|-------------|-------------|-------------|-------------|-------------|------------------|
| GEP30 | 2090 (82.3) | 954 (37.6) | 1558 (61.3) | 883 (34.8) | 2010 (79.1) | 983 (2168) |
| GEP44-3 | 2250 (88.6) | 1104 (43.5) | 1646 (64.8) | 885 (34.8) | 2080 (81.9) | 1252 (2761) |
| GEP50-3 | 2250 (88.6) | 1104 (43.5) | 1646(64.8) | 885 (34.8) | 2080 (81.9) | 1252 (2761) |
| GEP65-3 | 2250 (88.6) | 1104 (43.5) | 1646 (64.8) | 885 (34.8) | 2080 (81.9) | 1347 (2970) |
| GEP83-3 | 2250 (88.6) | 1104 (43.5) | 1646 (64.8) | 885 (34.8) | 2080 (81.9) | 1387 (3058) |
| GEP100 | 2805 (110) | 1104 (43.5) | 1610 (63.4) | 885 (34.8) | 2030 (79.9) | 1666 (3674) |
| GEP110 | 2805 (110) | 1104 (43.5) | 1610 (63.4) | 885 (34.8) | 2030 (79.9) | 1686 (3718) |
| GEP150 | 3425 (135) | 1100 (43.3) | 1590 (62.6) | 885 (34.8) | 2084 (82.0) | 1945 (4288) |
| GEP165 | 3425 (135) | 1100 (43.3) | 1790 (70.5) | 885 (34.8) | 2084 (82.0) | 1965 (4333) |
| GEP20SP1 | 2090 (82.3) | 954 (37.6) | 1558 (61.3) | 883 (34.8) | 2010 (79.1) | 987 (2176) |
| GEP23SP1 | 2090 (82.3) | 954 (37.6) | 1558 (61.3) | 883 (34.8) | 2010 (79.1) | 1048 (2311) |
| GEP30SP-3 | 2250 (88.6) | 1104 (43.5) | 1646 (64.8) | 885 (34.8) | 2080 (81.9) | 1252 (2761) |
| GEP35SP-3 | 2250 (88.6) | 1104 (43.5) | 1646 (64.8) | 885 (34.8) | 2080 (81.9) | 1292 (2849) |
| GEP40SP-3 | 2250 (88.6) | 1104 (43.5) | 1646 (64.8) | 885 (34.8) | 2080 (81.9) | 1362 (3003) |
| GEP50SP-3 | 2250 (88.6) | 1104 (43.5) | 1646 (64.8) | 885 (34.8) | 2080 (81.9) | 1387 (3058) |
| GEP62SP-3 | 2250 (88.6) | 1104 (43.5) | 1646 (64.8) | 885 (34.8) | 2080 (81.9) | 1437 (3169) |
| GEP80SP1 | 2805 (110) | 1104 (43.5) | 1610 (63.4) | 885 (34.8) | 2030 (79.9) | 1811 (3993) |
| GEP88SP1 | 2805 (110) | 1104 (43.5) | 1610 (63.4) | 885 (34.8) | 2030 (79.9) | 1886 (4159) |

Net weight with lube oil, no coolant, no fuel.

*Clearance required both sides

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