

INSIGHTS

Genie
A TEREX COMPANY

Product News | Information | Updates

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Key Specifications

Specifications for the redesigned
Terex® T70, T90 and T120 Super
Quiet Generators:

| | Prime Power | | Standby Power | | 1-Phase Power |
|-------------|-------------|-----|---------------|-----|---------------|
| | kVA | kWe | kVA | kWe | kW |
| T70 | | | | | |
| Cummins | 75 | 60 | 81 | 65 | 42 |
| Perkins | 74 | 59 | 81 | 65 | 42 |
| T90 | | | | | |
| Cummins | 90 | 72 | 100 | 80 | 59 |
| Perkins | 92 | 74 | 100 | 80 | 59 |
| T120 | | | | | |
| Cummins | 120 | 96 | 125 | 100 | 72 |
| Perkins | 114 | 91 | 125 | 100 | 72 |



Terex Launches Series of Design Enhanced Generators

Terex is launching a series of design enhanced Super Quiet Generators (the T70, T90 and T120) that incorporate a number of new, beneficial product updates including Tier III engines and standard 110 percent spill containment which assist with environmental protection. These features among others add value to the products making them an excellent choice for the rental market. These generators are ideal for disaster relief and emergency situations, entertainment venues, small-scale construction sites and oil refineries.

110 Percent Environmental Spill Containment - STANDARD

The base on all three generators provides 110 percent spill containment of all on-board fluids including fuel, coolant and oil which helps protect the environment. This feature comes standard on all three generators.

Tier III Engine Options

The Terex® T70, T90 and T120 Super Quiet Generators are powered by either a heavy-duty Cummins or Perkins diesel engine based on customer preference; both engines are Tier III compliant to meet the latest environmental standards. The engines are electronically controlled to maintain frequency to an accuracy of plus/minus 0.25 percent. The fuel capacity on all three generators offers 24 hours of continuous operation on one tank of fuel.

Built To Last

The cabinet features an overlapping sheet metal design that reduces noise output and water ingress. With the operator in mind, the hinged rear panel and large engine bay doors were designed for ease of service for

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KEY FEATURES

The new series of generators include:

- Fully electronically controlled Tier III engines
- 110% environmental spill containment
- Permanent Magnet Generator (PMG) for better load response and motor starting



Tier III Engine Options



User-Friendly Controls

Debut of Design Enhanced Generators *(continued)*

the machine and its electrical components. The standard idle run feature allows the Cummins engine to warm or maintain temperature in cold weather applications. The power distribution door is electronically interlocked to prevent injury or inadvertent damage to the generator's components.



Excellent Load Response

Like all Terex® Super Quiet Generators, the T70, T90 and T120 come standard with a Permanent Magnet Generator (PMG) that provides a quicker response to changes in loads resulting in better voltage regulation for motor starting and non-linear loads. Power can be utilized simultaneously from three-phase and single phase receptacles. The three-phase voltages on the unit include 208 / 220 / 240 / 440 / 480, and the single-phase voltages are 120 / 240.

distribution panel on the T70, T90 and T120 includes an intuitive wiring instruction label, a five-lug distribution board and optional cam lock-style connectors. They also include a simple Murphy Cascade controller with on/off, manual and automatic settings and easy-to-read analog gauge package to monitor electrical loads and engine functions.

Terex® Super Quiet generators are distributed by Genie Industries.

User-Friendly Controls

Designed for the rental market, the T70, T90 and T120 family of generators share a common user interface with all other Terex® Super Quiet generators for ease of use. The

