CK POWER®

TIER 4 FINAL GENERATOR

PRODUCT CATALOG

CK GAS® JOHN DEERE Kubota KOHLER® IN POWER. SINCE 1920. VOLVO PENTA

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CK POWER
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OUR MISSION

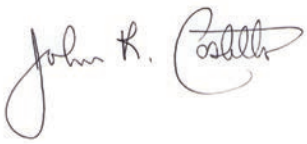
CK Power is an engine distributor, manufacturer, fabricator and authorized service provider built on the belief that there is an intrinsic value and personal reward in producing product and providing service that exceeds client expectations. Each CK Power employee succeeds because our clients succeed.

CK acts responsibly to protect our environment, provide economic opportunity fairly, work safely and most of all, consider the person in all our business affairs. Our central focus is distributing engines and gensets with custom engineering, fabrication and assemblies to meet client needs. CK services include flexible lead times, custom design application, low cost manufacturing design, administrative support, and customized service maintenance plans.

CK maintains a solid core of business in proprietary products marketed and sold directly to the OEM and end user. From this core, CK provides contract manufacturing work using the same skills and specialty equipment. CK maintains a strong presence in a variety of markets including construction and agricultural equipment, marine, military, oil field, and others who distribute and manufacture gen sets for stationary or trailer mounted equipment.

CK is a robust company that adapts to the ebbs and flows in individual industries and economic climate accordingly allowing our clients to depend on us to be there when we are needed.

Our mission is to expand and continually improve. CK utilizes quality practices and employee involvement to distribute engines, design and manufacture products, and provide exceptional service that results in client and employee satisfaction.



Owner, Chief Executive Officer

JOHN DEERE

Kubota

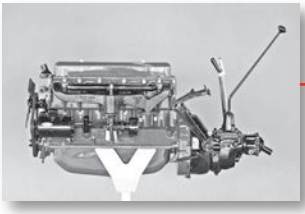
CK GAS®

KOHLER® IN POWER. SINCE 1920.

VOLVO PENTA

CK POWER®

COMPANY HISTORY

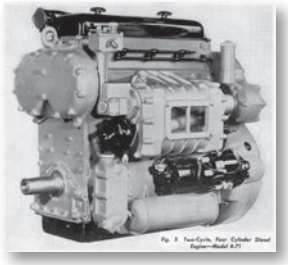


1929

Hugh Scott, Sr. and G.A. Weidlich founded Western Machinery Company in St. Louis in 1929. The company began as a multi-line distributor of power transmission equipment, principally chain drives, V-belt drives and hydraulic motors.

1958

Detroit Diesel engine line became the focus of business. Construction and GMC truck franchises were eliminated and government contracting and mining equipment divisions were sold to strengthen the Detroit Diesel operation.



1976

CK Power was created as a segment of Costello Kunze (CK) Ford in Florissant, Missouri. Under the direction of Tom E. Costello, CK Power was the exclusive engine distributor for Ford, John Deere, Kubota and Kohler Generators. CK Power focused on core business of engine distribution.

1980

Western Diesel Services acquired all stock in CK Power. From 1985-1991, CK Power operated as a wholly owned subsidiary of Western Diesel Services, Inc.

1991

John Costello became President and Chief Operating Officer of CK Power. During this time John established CK Power as an industry leader in engine distribution and power generation solutions.

2000

John Costello acquired Western Diesel Services Inc. DBA. CK Power from partner Hugh Scott Jr. John became Owner and Chief Executive Officer of CK Power.

Western Diesel Services acquired all stock in Consolidated Machine and Welding. Under the direction of Andy Fishback, President, CM&W is constantly adding equipment, personnel and systems resources to keep up with the demand of our valued customers. CM&W's goal is to continue to expand and offer state of the art fabrication services to the market.

2017

TODAY

Under the direction of John Costello, Owner and CEO, Paul Ostby, President, and Jim Flynn, CFO, Western Diesel Services DBA CK Power is an industry leader in its core business of engine distribution and providing power solutions. CK Power is a leading manufacturer of power units and power generation solutions for a variety of markets and customers. CK Power is also a proud distributor and authorized service provider of Kohler Power Systems. Our mission is to continually expand and improve our power solutions product offering.

COMPANY OVERVIEW

CK Power is a leading manufacturer of power units and power generator solutions for a variety of markets and customers. In addition to our manufacturing capabilities, CK Power has long been a leading distributor of new and remanufactured natural gas and diesel engines.

CK Power is also a proud distributor and authorized service provider of Kohler Power Systems. Our mission is to continually expand and improve our power solutions product offerings.

CK Power headquarters building in St. Louis, Missouri.

POWER SOLUTIONS PROVIDER

CK Power provides power solutions to meet your application needs. From generator sets to power units our engineering team designs product with 30 years of application expertise. CK Power's FT4 product range stands out for its innovation to meet a new tier of EPA regulations. When designing/ manufacturing our product range, our team keeps four priorities in mind:

1. Respect for the environment,
2. Serviceability of the product,
3. Customer application, and
4. Customer support.

NO DOWN TIME

CK Power mobile generator set offering ranges from 5-1250kW. For prime power, outages and special applications, CK mobile generator sets have you covered. When designing our generator sets our team chose solutions that would result in "No Down Time" to the customer. We wanted to ensure a steady stream of continuous power on site.

ENGINE REPLACEMENT PROGRAM

AN ALTERNATIVE TO TIER 4

What is a replacement engine?

A replacement labeled engine is a new engine from the factory with a new warranty. This can be ordered to match existing engine option codes or CK Power can make those changes for you. This is a cost effective way to keep your engine without having the expense of a final tier 4 product.

Engine swap service:

CK Power can offer replacement engines for your existing pieces of equipment. We are able to offer an engine "swap" program where at a CK facility we can provide the service of taking out the old engine and replacing it with the new in the piece of equipment.

Benefits of a replacement engine?

- This is a new engine not a remanufactured engine.
- This comes from the factory with a new 2yr/2,000 hour warranty.
- John Deere replacement engines can be ordered to match core engine option codes.
- Customer can keep existing control panel, radiator, air and exhaust systems.
- A more cost effective solution than purchasing a final tier 4 unit.
- Customer can use in stock replacement engines for faster lead times.
- Comes complete with oil, water and fuel systems.
- Replacement engines come with rotating electrical, water pump, injection pump and ECU if equipped.

**All current EPA requirements will be applied to customer and replacement applications.*

FINAL TIER 4 SOLUTIONS

Kubota

Hp Range: 13.3-215 hp
Fuel Options: Diesel or NG/LP
Final Tier 4 Solution:
- Lower hp: Catalyst only
- Higher hp: DOC & DPF

KOHLER
IN POWER. SINCE 1920.

Hp Range: 5-74 hp
Fuel Options: Diesel
Final Tier 4 Solution:
- Lower hp: Catalyst only
- Higher hp: SCR only

JOHN DEERE

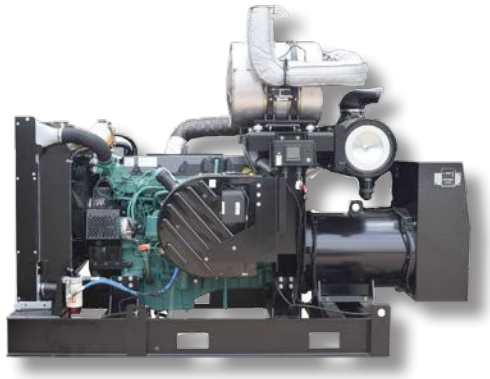
Hp Range: 74-600 hp
Fuel Options: Diesel
Final Tier 4 Solution:
- Lower hp: (74 hp) DOC & DPF
- Higher hp: SCR, DOC & DPF

VOLVO PENTA

Hp Range: 141-768 hp
Fuel Options: Diesel
Final Tier 4 Solution:
- All Engine Models SCR

MOBILE FINAL TIER 4 GENERATOR MODELS & SIZES

CK Power has designed, built and tested a full lineup of Final Tier 4 generator sets. We are not your standard generator manufacturer. We build generator solutions that meet the needs of a customer's application. We can provide our standard spec generator or we can customize the product to meet your needs.



*All kW/kVA (3 phase / .8 power factor)

*T represents trailer mounted

FINAL TIER 4 LOW POWER TOWABLE

Model	Prime	Standby
CKT15KM-T4	12kW	12kW
CKT25KM-T4	20kW	25kW
CKT35KM-T4	30kW	35kW

FINAL TIER 4 MID POWER TOWABLE

Model	Prime	Standby
CKT60JD-T4	45kW	50kW
CKT68JD-T4	50kW	55kW
CKT75JD-T4	60kW	65kW
CKT100JD-T4	75kW	80kW
CKT137JD-T4	100kW	110kW

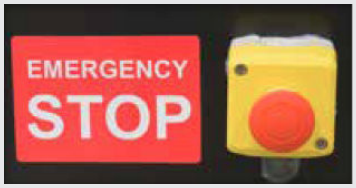
FINAL TIER 4 HIGH POWER TOWABLE

Model	Prime	Standby
CKT175VM-T4	120kW	140kW
CKT200VM-T4	140kW	160kW
CKT230VM-T4	160kW	180kW
CKT250VM-T4	180kW	200kW
CKT300VM-T4	225kW	250kW
CKT375VM-T4	275kW	300kW
CKT430VM-T4	325kW	350kW
CKT680VM-T4	500kW	550kW
CKT780VM-T4	550kW	625kW

FT4 GENERATOR OPTIONS

Block heater

Optional power distribution



Emergency Stop (E-Stop)

Fire extinguisher

Internal battery disconnect

Multi voltage selector switch with lockout

Battery charger

LED internal lighting

CONTAINERIZED GENERATORS

Our Tier 4 containerized generators are high-powered —500 kW to 1250 kW— units packaged in 30-foot or 48-foot ISO containers. These units are customizable to the needs of any application in any market.

FEATURES

- Sound attenuation of at least 75 dB(A) heard at 7 meters or 23 feet. Stricter acoustical ratings can be achieved upon request.
- External fuel, oil, coolant and diesel exhaust fluid (DEF) supply and return to make re-supplying the unit easier.
- Four access doors — and we can customize the unit with more doors if required by the application.

**All kW/kVA (3 phase / .8 power factor)*

CONTAINERIZED GENERATORS

Model	Prime	Standby
CKC680VM-T4	500KW/625KVA	550KW/680KVA
CKC780VM-T4	550KW/687KVA	625KW/780KVA
CKC900VM-T4 (TWIN PACK)	800KW / 1000KVA	900KW / 1125KVA
CKC1100VM-T4 (TWIN PACK)	1000KW / 1250KVA	1100KW / 1375KVA
CKC1250VM-T4 (TWIN PACK)	1100KW / 1375KVA	1250KW / 1562KVA

ACHIEVING HIGHER KW OUTPUTS THROUGH A DUAL PACK CONFIGURATION

We rely on a dual pack configuration to achieve the kW outputs on the higher end of our containerized line. Simply put, dual packs are two parallel generators in one ISO container: Two 500 kW generators could be paralleled to achieve a 1000kW output, or two 625 kW generators to achieve 1250kW.

This dual configuration increases the longevity of the overall unit by preventing the effects of light loading. One generator can shut off when the set is run at too low a load. And depending on the kW need for certain applications, dual packs can also offer backup redundancy.

CXPOWER
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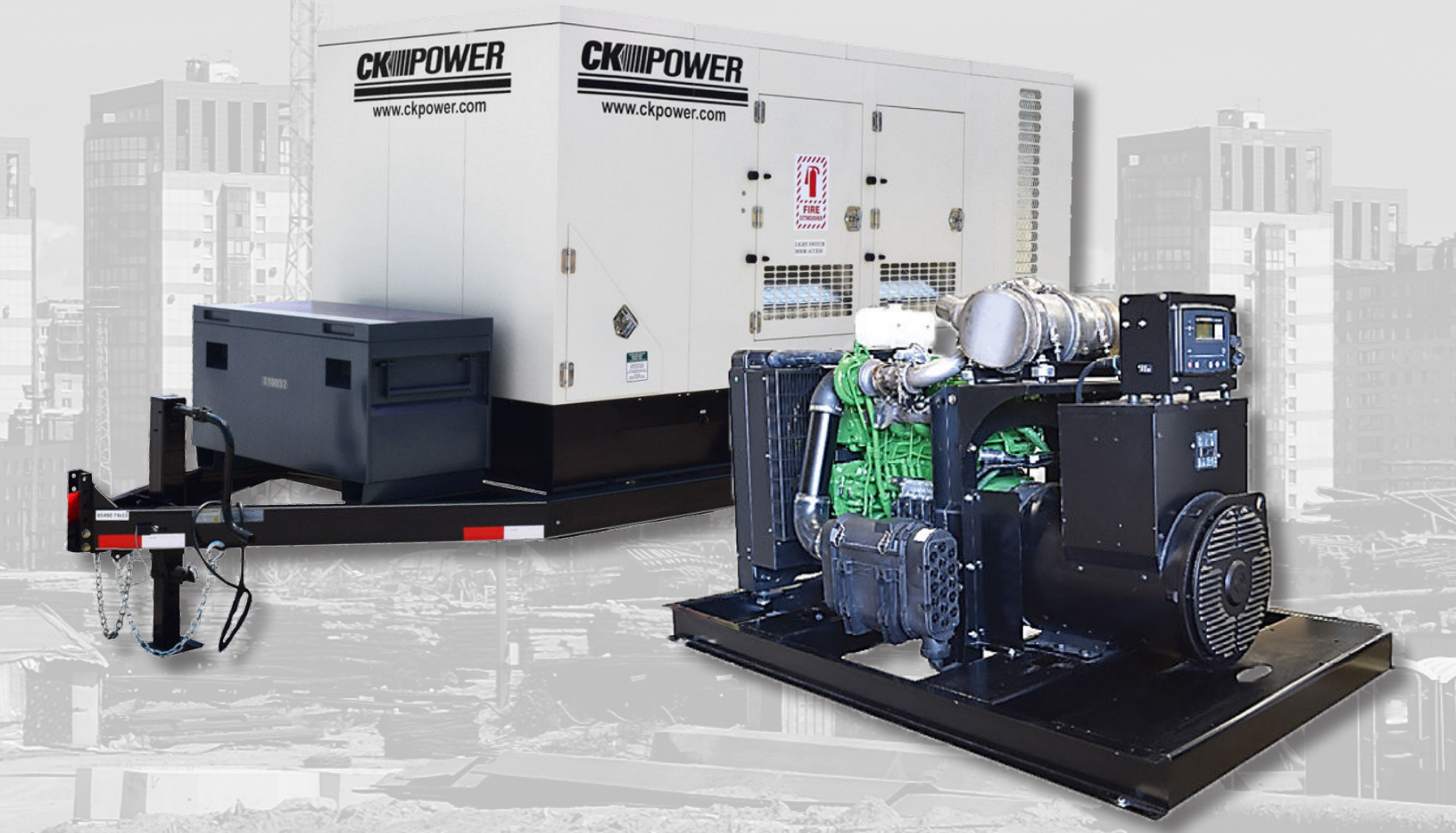

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