MX FUEL™ 36" Walk-Behind Trowel

MXF336-3HD

NO EMISSIONS

Leading Gas Competitors

TRADITIONAL SMALL GAS ENGINE EMISSIONS

THROTTLE CONTROL
Increased RPM control

FINE PITCH DIAL
Precise pitch adjustment

SAFETY SWITCH
Will shut the tool off and ensure trowel stops under 270 degrees of rotation protecting user

ADJUSTABLE HANDLEBAR
Easily adjust height of handlebar to provide more comfort

LIFTING HOOK
Safely lift and transport

ONE-KEY™ COMPATIBLE
Track and manage

LOW NOISE
84dB

My teams are constantly looking for MILWAUKEE's tools following this case study; they are a great asset to our work in the field.

Additionally, the support from Milwaukee Tool since beginning this partnership is above and beyond any other dealer we work with.

—Operations, Safety, and Purchasing Manager participating in the Jobsite Pilot Study

MX FUEL™ 24" Walk-Behind Edging Trowel

MXF324-2HD

NO EMISSIONS

Leading Gas Competitors

TRADITIONAL SMALL GAS ENGINE EMISSIONS

THROTTLE CONTROL
Increased RPM control

FINE PITCH DIAL
Precise pitch adjustment

SAFETY SWITCH
Will shut the tool off and ensure trowel stops under 270 degrees of rotation protecting user

ADJUSTABLE HANDLEBAR
Easily adjust height of handlebar to provide more comfort

LIFTING HOOK
Safely lift and transport

ONE-KEY™ COMPATIBLE
Track and manage

LOW NOISE
76dB

ROTATING GUARD RING
Finish within 1/8" of obstacle and get close to edges without marks or damages

> **MILWAUKEE® cordless equipment is amazing to use on the jobsite.**
>
> —Field Laborer participating in the Jobsite Pilot Study

MX FUEL™ Backpack Concrete Vibrator

MXF371-2XC

NO EMISSIONS

Leading Gas Competitors

TRADITIONAL SMALL GAS ENGINE EMISSIONS

HARNESS RELEASE LEVER
Modular design allows you to remove backpack harness when pouring walls or columns

ADJUSTABLE HARNESS
Increased comfort and reduced fatigue during extended use

ROLL CAGE
Designed to survive the jobsite

QUICK CONNECT
Easily attach and detach shafts

COMPATIBLE WITH OZTEC ACCESSORIES
Use your existing Oztec shafts and heads

LOW NOISE
81dB

WIRELESS REMOTE
Eliminates hassle of constantly reaching behind you to turn machine on/off

PUSH BUTTON START
Instant reliable power eliminates the repetitive motion of a pull start

COLD START FEATURE
Allows machine to start in colder temperatures as low as -4˚F

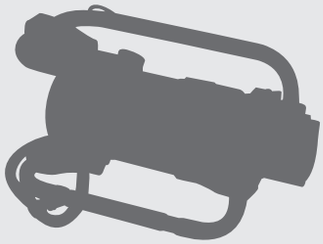
> **The efficiency, reliability, and durability of MILWAUKEE's products have opened our eyes to how much safer and more productive we've become on the jobsite.**
>
> —Field Laborer participating in the Jobsite Pilot Study

MX FUEL™ Concrete Vibrator

MXF370-2XC

NO EMISSIONS

Leading Gas Competitors



TRADITIONAL SMALL GAS ENGINE EMISSIONS

COLD START FEATURE
Allows machine to start in colder temperatures as low as -4°F

PUSH BUTTON START
Instant reliable power eliminates the need for a generator and extension cords

ONE-KEY™ COMPATIBLE

SHOULDER STRAP
Increased comfort when carrying

BATTERY LATCH COVER
Protects latch from concrete

WIRELESS REMOTE
Eliminates hassle of constantly reaching behind you to turn machine on/off

QUICK CONNECT
Easily attach and detach 7' – 21' shafts

LANYARD HOOK
Tether to form or scaffolding for ease of use

COMPATIBLE WITH OZTEC ACCESSORIES
Use your existing Oztec shafts and heads

M18 FUEL™ 16" Chainsaw
2727-21HD

NO EMISSIONS

Leading 40cc Gas Competitors

TRADITIONAL SMALL GAS ENGINE EMISSIONS

POWERSTATE™ BRUSHLESS MOTOR
- Maintains speed under heavy load without bogging down
- Outperforms small gas engines (up to 40cc) and high voltage

VARIABLE SPEED TRIGGER
Full control of power curve range

NO SPILL OIL RESERVOIR
- Easy to access oil tank
- Clear viewing window

ALL-METAL BUCKING SPIKES
Increased leverage in application

ON BOARD TOOL STORAGE
Easy access scrench

16" OREGON® BAR/CHAIN

CHAIN TENSIONER
Easy access

DUAL STUD
Improved bar/chain retention

> **Milwaukee Tool equipment has added efficiency and productivity in our day-to-day activities. The variety of tools and compatibility of the battery packs have contributed to a majority of the daily tasks we encounter on our jobsites.**
>
> —Superintendent participating in the Jobsite Pilot Study

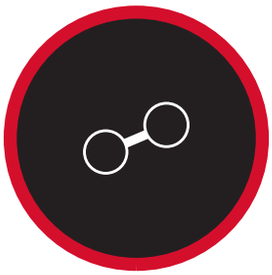
As the six-month pilot program wrapped up, superintendents were more than ready to start implementing cordless MILWAUKEE® solutions on the jobsite permanently, especially after hearing from their people using the tools and equipment every day. The company continues to invest in the adoption of cordless MILWAUKEE® solutions on their sites with the hope of having a cordless site strategy for all future projects.

> **Once I got a flavor for Milwaukee Tool ....They're great, MILWAUKEE® raised the level, and is an advanced organization that we were very happy to partner with. Milwaukee's vision into the future and growth within sustainability is really attractive. The collaboration we had was a really positive experience**
>
> —Senior Vice President & General Superintendent for the company participating in the Jobsite Pilot Study

MILWAUKEE® has been leading innovation in battery-powered tool technology for nearly two decades.

As MILWAUKEE® progresses on its sustainability journey, it continues to disrupt the fossil fuel power tool industry, providing users with innovative solutions that reduce reliance on gas and emissions on jobsites throughout the country.

CONSTRUCTION EMISSIONS



CO

Carbon monoxide is produced when fossil fuels burn without enough oxygen. It is poisonous when inhaled because it combines with hemoglobin, the oxygen-carrying substance in red blood cells. Workers can be exposed to carbon monoxide when using petrol powered equipment in enclosed spaces.

NO_2

Nitrogen dioxide is a gas produced during the combustion of fossil fuels. Short-term exposure to concentrations of NO_2 can cause inflammation of the airways and increase susceptibility to respiratory infections and to allergens.

Ozone

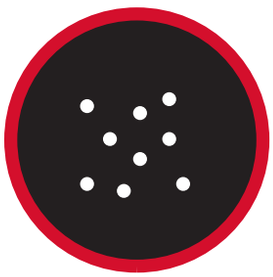
Ozone is found naturally in the atmosphere. Most ground-level ozone is a secondary pollutant formed by the action of sunlight on volatile organic compounds in the presence of nitrogen dioxide.

Sulfur Dioxide

Sulfur dioxide is a colorless, nonflammable gas with a penetrating odor that irritates the eyes and air passages. The most common sources of sulfur dioxide include fossil fuel combustion.

Hydrocarbons

Hydrocarbon volatile organic compounds include methane and benzene. Methane contributes to global warming and ground level ozone. 80% of man-made emissions of benzene come from petrol engines. Benzene causes harmful effects on the bone marrow and a decrease in red blood cells. It can also cause excessive bleeding and affect the immune system.



Particulates

A major source of particulates are combustion engines, which produce particles when fuels are burned or lubricants used up in the engine.

Fuel Prices (FP)

FP $_{(PMG)}$: Pre-Mixed Gas Price (Per Gallon)

FP $_{(SMG)}$: Self-Mixed Gas Price (Per Gallon)

= (Gas Price * 0.98) + (Oil Price * 0.02)

Suggested Values

FP $_{(PMG)}$
FP $_{(SMG)}$
} Data Sourced From globalpetrolprices.com

Fuel Cost (per year) = GF * FP

GF : Gallons of Fuel Consumed / Year

FP : Fuel Price (Above)

Emissions (per year) = GF * EF

GF : **User Determined**
Gal. of Fuel Consumed / Year

EF $_{(CO_2)(GAS)}$: **19.3 lb CO_2 / Gallon of Fuel**
CO_2 Emission Factor for Gas Powered Products[4]

EF $_{(CH_4)(GAS)}$: **2.85 g CH_4 / Gallon of Fuel**
CH_4 Emission Factor for Gas Powered Products[5]

EF $_{(N_2O)(GAS)}$: **1.47 g N_2O / Gallon of Fuel**
N_2O Emission Factor for Gas Powered Products[6]

[1] *According to a report published by the United Nations Environment Programme.*

[2] *According to a benchmark global study from Global Construction Perspectives and Oxford Economics.*

[3] *Based on data and calculations by FuelEconomy.gov*

[4] ***Source:*** *Federal Reg. EPA ; 40 CFR Part 98; e-CFR, Table C-1*

CO_2 Emissions based on emissions factors for one gallon of fuel according to the United States Environmental Protection Agency (EPA): Emission Factors for Greenhouse Gas Inventories. The emissions factors (shown above) represent combustion emissions only (tank-to-wheel) and do not represent upstream emissions or well-to-wheel emissions.

[5, 6] ***Source:*** *Federal Reg. EPA; 40 CFR Part 98; e-CFR, Table C-1, Table C-2, and table AA-1*

The factors represented in the table above represent combustion emissions only (tank-to-wheel) and do not represent upstream emissions or well-to-wheel emissions.

Projected Annual Runtime
Annual projections estimated using data collected using on-site trackers on generators

Generator Work Time
Annual projections estimated using data collected through on-site trackers placed on generators

Generator Idle Time
Annual projections estimated using data collected through on-site trackers placed on generators

Takeaways
Usage statistics, run/idle time, power consumption, etc.

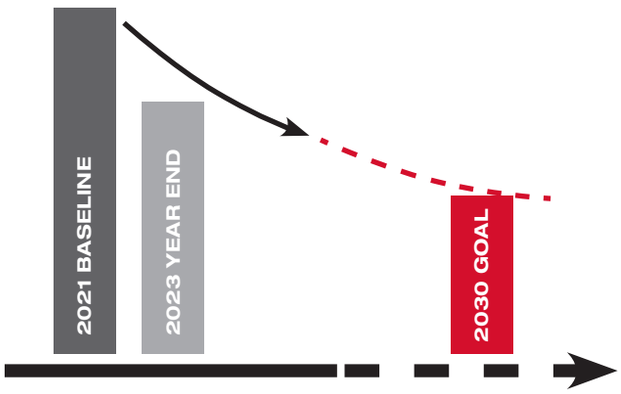
Projected Annual Fuel Usage
Based on fuel consumption and run power data for the generators being tracked on-site. Generators on site can operate for ~9.8 hours at 50% load (from full tank). Fuel Consumption = 0.63 gallon/hr

Projected Annual Fuel Cost
Data sourced from globalpetrolprices.com

Data Trackers
Placed on current generators at three (3) jobsites

GOALS AND TARGETS

Reduce Scope 1 and 2 GHG Emissions by 60% by 2030



SCOPE 1 Emissions (Direct)

Emissions from onsite generation and fleet fuel consumption.

SCOPE 2 Emissions (Indirect)

Emissions from power plants providing purchased electricity

SCIENCE BASED TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

March 2023 – Committed to Science Based Targets initiative (SBTi) for Scope 3 Emissions

March 2025 – Expected conclusion of Scope 3 Emissions mapping process and stated goals

SHORT TERM GOALS

COMPLETED — Established baseline for 60% reduction target for Scope 1 & 2 by 2030

COMPLETED — Committed to setting Science-Based Target Initiative (SBTI)

- **Reduce Scope 1 and 2 GHG Emissions by 60% by 2030**
- **Ensure full compliance with climate-related frameworks and regulations**
- **Increase renewable energy usage throughout our operations**

MEDIUM TERM GOALS

IN PROGRESS — Green energy procurement

IN PROGRESS — Onsite energy efficiency improvement (ongoing)

IN PROGRESS — Set targets for waste diversion from landfill

2022 — More than 90% of the electricity used in MILWAUKEE's Wisconsin facilities is procured through renewable sources.

2023 — Renewable Energy purchased for all Distribution Facilities in Olive Branch, MS (TVA Green Flex Program)

2024 —We expanded our participation in the TVA Green Flex program to include two additional facilities in Tennessee.