

Completely Portable

KM-4



What Makes the KM-4 Portable?

The KM-4 is designed for easy transport and fast setup.

The foundation of this design is the efficient soil processor which reduces the amount of combustion air required to fire the burners.

The smaller airstream size, in turn, reduces the size of the other major components—the thermal oxidizer, the heat exchanger and the baghouse.

Added to this mechanical advantage are other customized components, like high temperature pleated filter bags, a triple pass heat exchanger, and lightweight foam insulation that has the same heat retention value as hard refractory twice the thickness.

Together, these innovations give the KM-4 an impressive 20 tonne-per-hour throughput, yet mounted on a single, portable, highway-legal trailer.

- *Reduced airflow*
- *Custom heat exchanger*
- *Highway-legal trailer*



All components mounted on one trailer

Portability Saves Time



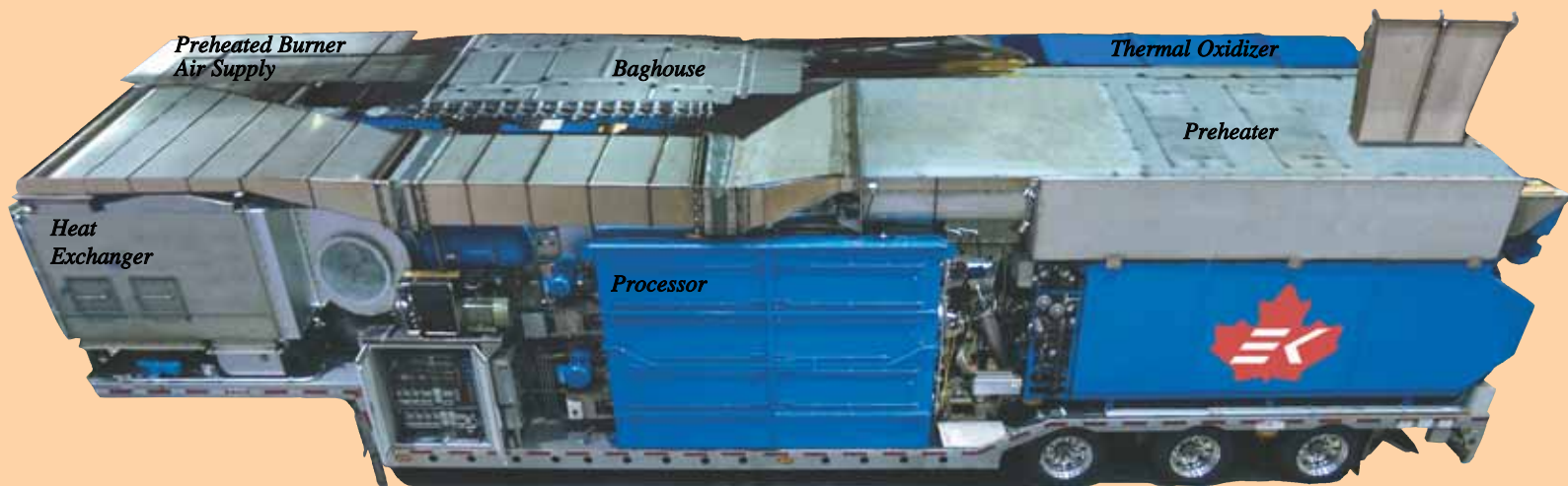
Large capacity thermal oxidizer on back of trailer with flame inspection window, and showing fuel supply (right) and feed system hook-ups (left).

Highway Legal World-Wide

The KM-4 is mounted on trailer with a height of 4 meters and a width of 2.5 meters for transport on highways world-wide. Setting up the equipment at a new site requires a day or less



High efficiency 400-tube, air-to-air heat exchanger instantly reduces temperatures from 1000C to 200C (1800F to 400F) between the thermal oxidizer and baghouse.



Fast, Trouble-Free Set-up

The KM-4 air ducting between the processor, thermal oxidizer, heat exchanger, baghouse and I.D. fan are all preconnected making set-up time easier and faster. As well, the ducting connections are sealed and fitted with flexible joints to eliminate any problems with leakage of ambient air into the system.