

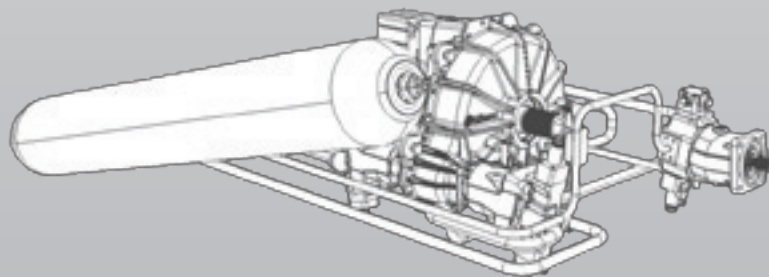
COLLECT WASTE. SAVE MONEY. REALLY?



Effenco's HEAD™ Hybrid System makes it possible.

An efficient, rugged and simple Hydraulic Hybrid System based on a unique architecture specifically developed for trucks with auxiliary hydraulic equipment. On a refuse truck application, HEAD™ has been proven, in real conditions, to procure operating cost savings of up to 15 000\$ per year by reducing fuel consumption and brake wear. Completely modular, the HEAD™ system can be installed on new vehicles or retrofitted to existing trucks.

Reducing your operating costs is good business. Cutting your emissions by 20% as well, now that's great business.



effenco 
HYBRID SYSTEMS

SYSTEM BENEFITS

Economics

- **15 to 25%** reduction in fuel consumption
- Extends brake life by a **factor of 3**
- Reduces exposure to fuel price variations

Environment

- Reduces greenhouse gas emissions by up to **28 tons** per year (equivalent to taking **6 cars off the road**)
- Cuts emissions of NO_x, Particulates and SO₂ by 20%



SYSTEM FEATURES

Modular and customizable

The HEAD™ system can be installed or retrofitted on any chassis

Parallel configuration

The HEAD™ system does not affect the truck's reliability due to its parallel configuration. The truck can operate normally even if the HEAD™ system is temporarily offline pending maintenance

Seamless

Operation of the regenerative braking is totally integrated within the conventional braking system. Drivers perceive no difference in performance

Interactive

Onboard dynamic driving guidance interface that gives feed back to the operator about his driving efficiency

Rugged

System built with best-in-class components with proven reliability



See how the system works at www.effenco.com/en/products/video.html

Effenco develops and markets solutions to improve energy efficiency and reduce greenhouse gas emissions of heavy trucks.

Visit us online: www.effenco.com