

High speed electric motor-pump unit

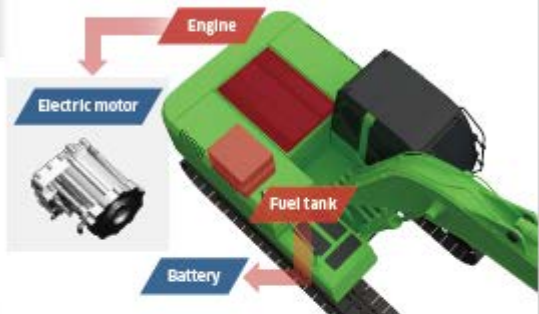
for construction equipment and Industrial vehicles

K-Axle

Development background

Purpose / the achievement of carbon neutrality

Method / electrification of hydraulic excavators



Features of K-Axle

1 Compact size

Conventional products

K-Axle



Product volume is reduced by approx. 50% of existing products.



2 High efficiency

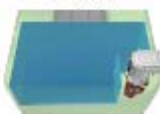


under development patent pending

3 Great flexibility in installation layout

Horizontal

Vertical



K-axle can be installed both horizontally and vertically.

under development patent pending

4 Low noise

K-Axle



High speed motor with built-in inverter

Newly developed High speed pump

We aim to achieve noise level of K-Axle as comparable to current product (e.g. K7V125DTP).

under development patent pending