

THESE 5 GIVE YOU DRIVE

OVERVIEW OF MOTORS FOR KALKHOFF E-BIKES AND PEDELECS

CENTRE MOTOR



Kalkhoff Impulse

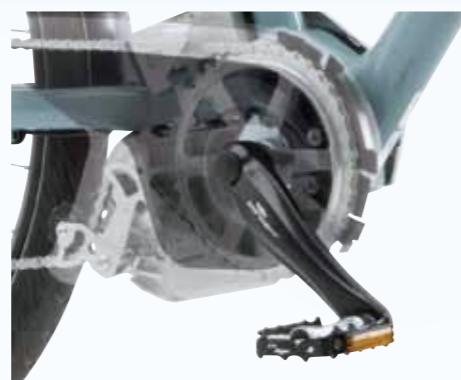
COMPLETELY „MADE IN GERMANY“
long-lasting centre motor, Pedelecs up to 250 Wh

POWER ASSISTANCE
even when starting off

3 LEVELS OF ASSISTANCE
Eco, Sport, Power

BACK-PEDAL BRAKE OR FREEWHEEL HUB
available as centre motor with back-pedal brake or freewheel hub

EXTRA SAFE IN TRAFFIC
including rear safety light



Panasonic

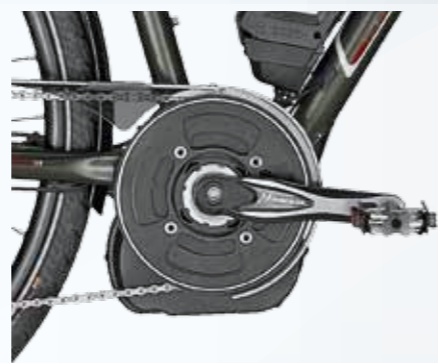
BALANCED RIDING CHARACTERISTICS
central, low-lying drive system

WIDE RANGE OF MOTORS AND BATTERIES
pedelecs or E-Bikes, battery capacity 202 – 504 Wh

RANGE
80 to 180 km

ASSIST LEVELS
from 1:0.75 to 1:3

COMPREHENSIVE RANGE OF BRAKES
disc and rim brake



BOSCH

POWERFUL POWER ASSIST
pedelecs 288 Wh

MANY ASSIST LEVELS
4 main levels, each with 3 sublevels

HIGH EFFICIENCY
efficient drive system

SHORT CHARGING TIMES
2 – 3 hrs. until battery is fully charged

HIGH TOP SPEED
up to 45 km/h

The motor is the heart of every E-Bike. The power and quality of the motor is decisive for endless hours of riding fun. The different models available from Kalkhoff feature five motors: Whether front, centre or rear motor, thanks to the wide range available, everyone from beginners to proficient users can find the perfect E-Bike with the optimum drive. To do this, we rely on cutting-edge technology, by Panasonic and Bosch for example, and also develop our own drive systems in-house. They are powerful, reliable, responsive when engaging assistance and are technically highly sophisticated. So that every trip fires your enthusiasm.

REAR-WHEEL DRIVE



BionX

ROBUST REAR WHEEL MOTOR
powerful design

SPORTY BATTERY
316 Wh

RANGE
up to 60 km

ASSIST LEVELS
from 35 – 300 %

COMPACT FRAME
high degree of agility

FRONTMOTOR



GROOVE

ROBUST HUB MOTOR
protected from dust and water spray

MODERN BATTERY
36 V battery with 9 Ah / 324 Wh

RANGE
up to 60 km

ASSIST LEVELS
70 / 150 / 250 Watt

SAFETY FIRST
2 hand brakes and 1 back-pedal brake



POWER OUTPUT 11 Ah / 396 Wh or 15 Ah / 540 Wh
CHARGING TIME full charge 3 – 4 hrs.
TYPE Lithium-ion battery
RANGE up to 180 km (540 Wh)
WEIGHT from 2.85 kg (396 Wh)



POWER OUTPUT 8 Ah / 202 Wh or 14 Ah / 504 Wh
CHARGING TIME full charge 4 – 9 hrs.
TYPE Lithium-ion battery
RANGE up to 180 km (504 Wh)
WEIGHT from 1.9 kg (202 Wh)



POWER OUTPUT 8 Ah / 288 Wh
CHARGING TIME full charge 2 – 3 hrs.
TYPE Lithium-ion battery
RANGE up to 85 km
WEIGHT from 2.4 kg



POWER OUTPUT 6.6 Ah / 316 Wh
CHARGING TIME full charge 3 – 4 hrs.
TYPE Lithium-ion battery
RANGE up to 60 km
WEIGHT from 2.4 kg



POWER OUTPUT 9 Ah / 324 Wh
CHARGING TIME full charge 5 – 6 hrs.
TYPE Lithium-ion battery
RANGE up to 60 km
WEIGHT from 2.4 kg