

# OUR MICRO XHD FOOD WASTE COLLECTOR

Our latest recipe for food waste collection



Our **MICRO XHD** is the ultimate in food waste collection. Getting its name from its extra heavy duty credentials, it consistently delivers high quality food waste collection throughout each year of its lifespan, so it can be relied upon to get the job done quickly and efficiently.

Perfect for both the UK's busy streets and single-track trails, the 12-tonne **MICRO XHD** is big enough to stay out for longer, whilst being compact for excellent manoeuvrability. Its unique, top-mounted sweeping compaction system

avoids crushing and leakage, while maximising the body volume for a great payload of well over 5 tonnes.

**MICRO XHD** is designed to take on the toughest food waste tasks.



## KEY FEATURES

Max payload: 6T (subject to refuse density)

Body capacity: 8m<sup>3</sup>

Gross vehicle weight: 11-13T

Max compacting ratio: 3.5:1

Complete loading time: 22 seconds

Comb bin lift suitable for 120-1100 litre bins and containers with EN840 compliance - including fixed or removable receptacles



## ADDITIONAL FEATURES

- » Fully sealed high-tensile steel one-piece body
- » Fast 35 sec full body unloading time
- » Tipping body ensures that waste is fully discharged
- » Heavy duty sweeping compaction ensures forward load and weight distribution for great payload and optimum axle loading
- » Hand loading via optional side access doors
- » Enclosed body roof for waste containment and better strength distribution
- » Top mounted, fully enclosed compaction blade, with blade cylinders outside hopper area to keep them clear of refuse loading area

The **MICRO XHD** – agile, reliable and guaranteeing leak free food waste collection.

Find out more about our **MICRO XHD**, or book a demonstration vehicle, contact us today on **+44 (0)1383 823 625** or email **[salesinfo@hillendeng.com](mailto:salesinfo@hillendeng.com)**



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## TECHNICAL INFORMATION

Body external dimensions: L 3,865mm / W 1,800mm / H 1,380mm

Maximum working pressure: 185 bar

Engine revs during working phases: 1,000 rpm

Refuse loading speed: 1.5 m<sup>3</sup>/min

Full body unloading time: 35 seconds

Body unloading system: Tipping

Equipment working system: Hydraulic

## HYDRAULIC SYSTEM

Low engine revs (speed controlled by hydraulic services)

PTO mounted on the gearbox – 1 x gear pumps

Oil tank with filter, cartridge 60 micron, in compliance with UNI EN 1501-1

Max. pressure valves on hydraulic system

Block pilot valves on lifting device cylinders

Mineral hydraulic oil ISO VG46

Equipment working system: Hydraulic

## ELECTRICAL SYSTEM

Electrical system with PLC

Body unloading electrical controls with rear mounted wander lead

1 x white light for night operation

1 x amber rotating beacon

Engaged reverse speed alarm

4 x emergency buttons (2 on body sides, 1 on rear mounted wander lead control, 1 in the cab)

Rescue button

PTO connection safety controls

PTO engagement/disengagement electrical control

In cab control box: PTO connection – main switch – light alarms and other control buttons on demand

1 x operator-driver buzzer, on side of body

Rear view camera

## FINISHING

Fully degreased and primed body finished in two pack water based paint

Lighting in compliance with current regulations

## BIN LIFTER

120-1100 litre comb bin lifter

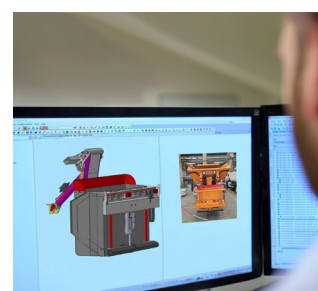
Selectable pneumatic control

Operator shear protection

Grease points to all moving parts

New for 2024, upgraded models with advanced electrics and proportional hydraulics.

OPTIONS: A full range of options is available, please ask for details.



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