

# HIGH- LIGHTS

# 2026

FOR CONSTRUCTION MACHINERY

**ECHLE**<sup>®</sup>  
**PROTECTOR**  
**E4**

most innovative  
FOPS on the market

VDBUM  
**FÖRDERPREIS**  
FÜR HERAUSRAGENDE  
PROJEKTE

- nominated -  
**EuroTest-Preis 2025**

for outstanding achievements in  
occupational health and safety



# PROTECTOR E4

The PROTECTOR E4 is the most innovative generation of **FOPS cabin protection** to date.

Convincing **advantages**:

- ✓ **Safety** tested and certified according to ISO 10262 Category 2
- ⊕ Reduction of the **installation height** to a minimum of 40 mm
- ⊕ **EASY-LIFT function**: effortless **swivelling** of the front guard from the floor or the cabin thanks to gas pressure springs
- ⊕ Mobile excavators remain approved for **road use**
- ⊕ Optimum **visibility** by aligning each individual bar in the direction of view
- ⊕ **Very simple to self-install** using existing mounting points on the cabin
- ⊕ Unrestricted **cleaning** of the roof pane thanks to a hinged guard on the roof
- ⊕ **Patented**



## PROTECTOR E4

for current models of the brands:

- Atlas
- CASE
- Caterpillar
- Develon
- Hitachi
- Hyundai
- JCB
- Kobelco
- Komatsu
- Liebherr
- Volvo

All others on request.



**EASY-LIFT**  
function



## OilQuick: ECHLE Is Safety Partner

Since 1 February 2025, **new technical specifications** have been in force for quick couplers, meaning that older systems without adequate safety devices no longer comply with current standards. However, it is not absolutely necessary to replace the quick couplers completely, as the required **fall protection devices** can also be retrofitted. ECHLE is your expert partner for this. Get in touch with us!



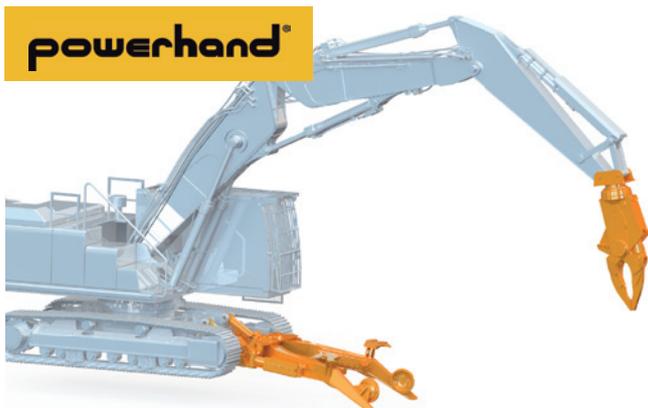
## Long Reach Front

We have expanded our portfolio and now have long reach booms **for excavators from all manufacturers** in our programme. The booms with reaches between 7 and 28 m are suitable for **machines from 3 to 125 tonnes**. For optimum cost efficiency, the original main lift cylinders and stick cylinders can be used for the conversion.



## Powerhand - Vehicle Recycling System

We are exclusive dealer of the Powerhand VRS, with which you can **maximise the residual value of end-of-life vehicles**. The system is suitable for mounting on standard machines between 16 and 22 tonnes.



## CM-PARTS.COM

The **new online shop for construction machinery accessories**: CM Parts is the reliable source for high-quality components and accessories in the field of construction machinery – and a **brand of ECHLE**. Our online shop not only contains our own quality products, but also an extensive selection of accessories, spare parts and wear parts – including attachments, blade steel, excavator teeth and much more.



## Protective Glazing In Accordance With DGUV-I

For use in **areas at risk of unexploded ordnance and for ordnance clearance**, our attachment frame with safety glass pane in combination with reinforced cabin floor panels offers optimum protection in accordance with the requirements of **DGUV-I 201-027**. The laminated safety glass pane is available in resistance classes **BR6NS and ER4NS**, optionally equipped with a **wiper system**.



## Trade Fairs / Exhibitions 2026: Meet ECHLE

**VDBUM Großseminar**  
10-13 Feb. 26 | Willingen | DE



**Fachtagung Abbruch**  
13 Mar. 26 | Berlin | DE



**Weiach Historik**  
16-17 May 26 | Weiach | CH



**Volvo Days**  
25 May - 25 June 26 | Eskilstuna | SE



**NordBau**  
9-13 Sept. 26 | Neumünster | DE



**Coreum Praxistage**  
1-3 Oct. 26 | Stockstadt | DE



# LEADING IN CONVERSIONS & PROTECTIVE STRUCTURES

## Boom modification

- Quick-change systems
- Manufacture of new booms
- Boom stretching / boom extension / boom shortening
- Protective structures / cylinder guards
- Stick extensions / stick shortenings
- Additional sticks

## Protective structures

- PROTECTOR E4 (ISO 10262)
- Retractable FOPS (ISO 10262) – THE ORIGINAL
- Hinged FOPS (ISO 10262)
- Frame-mounted FOPS (ISO 10262)
- Polycarbonate FOPS (ISO 10262)

## Modification of the upper carriage

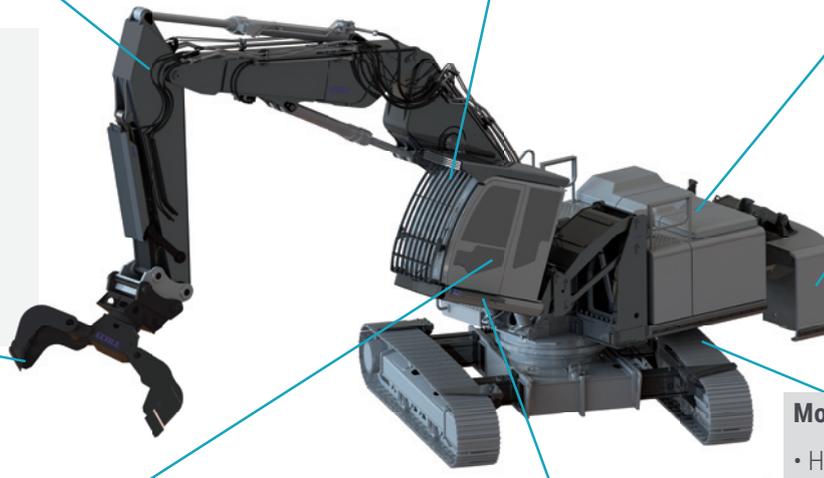
- Electrification with a trailing cable
- Electrification with rechargeable batteries
- Electrification as hybrid
- Ram protections
- Reinforcements
- Protective structures

## Attachments

- Buckets
- Grapples
- Hammers
- Shears / pulveriser / crusher
- Loading shovels

## Modification of counterweights

- Hydraulically removable counterweights
- Additional counterweights
- Individual counterweights



## Cabin modification

- Lifting and tilting cabins & lift-tilt cabins
- Protective glazing
- Tinted windows
- Driver seats
- Joysticks

## Accessories

- Handrails / steps
- Dust suppression systems
- Magnet systems
- Central lubrication systems
- Miscellaneous

## Modification of undercarriages

- Hydraulically adjustable undercarriage
- Narrowing the undercarriage
- Expansions of the undercarriage
- Lengthening of the undercarriage
- Chain scrapers
- Dozer blades / support blades
- Dome covers

## YOUR DIRECT CONTACTS



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