



**ND LOR Uničov, a.s.**

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# EH 631

**ELECTRO-HYDRAULIC EXCAVATOR**

**Engine power** 160 kW

**Operating weight** up to 48 000 kg

**Bucket capacity** up to 3,6 m<sup>3</sup>

**Operating costs** about €0,09/t (for €0,23/kWh - current EU average)

**ELECTRIC DRIVE**

**THE LOWEST OPERATIONAL COSTS**

**ECOLOGICAL OPERATION**





# EH 631 | ELECTRO-HYDRAULIC CRAWLER EXCAVATOR

## ELECTRIC MOTOR

The electric motor of excavator enables to work ecologically with the lowest operating costs. An electric cable with increased protection for heavy working conditions is used to transfer electric energy to the excavator. Due to this fact the EH 631 is also suitable for working inside of industrial buildings.

## OPERATIONAL COSTS

The EH 631 excavator has an electric motor, which is able to work with extremely low operating costs. It is able to load up to 1200 tons of material per one work shift. Electricity consumption is about 0,45 kWh per one tonne of loaded material - this is in conversion about €0,09 per tonne (for current EU average cost of electric energy - €0,22/kWh).

## ECOLOGY

Electric motor of EH 631 excavator is also related to the quieter operation of the machine and self-evidently is completely emission-free.

## TECHNICAL SPECIFICATION

Three-phase Electromotor	1 AF 315 S-4
Net Engine Power	160 kW
RPM	1483 rpm
Supply Voltage	3 x 380 V (3 x 500 V)
Hydraulic Power	140 kW
Hydraulic pumps flow	2 x 260 L/min
Working Pressure	34 Mpa
Hydraulic Tank Capacity	630 L
Swing Torque	135 kN.m
Swing Speed	8,1 rpm
Travel speed	2,5 km/h
Gradeability	58%
Tractive Effort	340 kN
Undercarriage Width	3,44 / 3,44 / 3,49 m
Track Width	0,55 / 0,70 / 0,85 m
Maximum Ground Pressure	101 / 81 / 68 kPa
Operating Weight	43 000 - 48 000 kg
Bucket Capacity (SAE)	2,4 / 3,00 / 3,6 m <sup>3</sup>
Bucket Width	1,72 / 2,00 / 2,15 m



## DIMENSIONS & REACH

