

OKK-150 PILEDRIVER EQUIPMENT



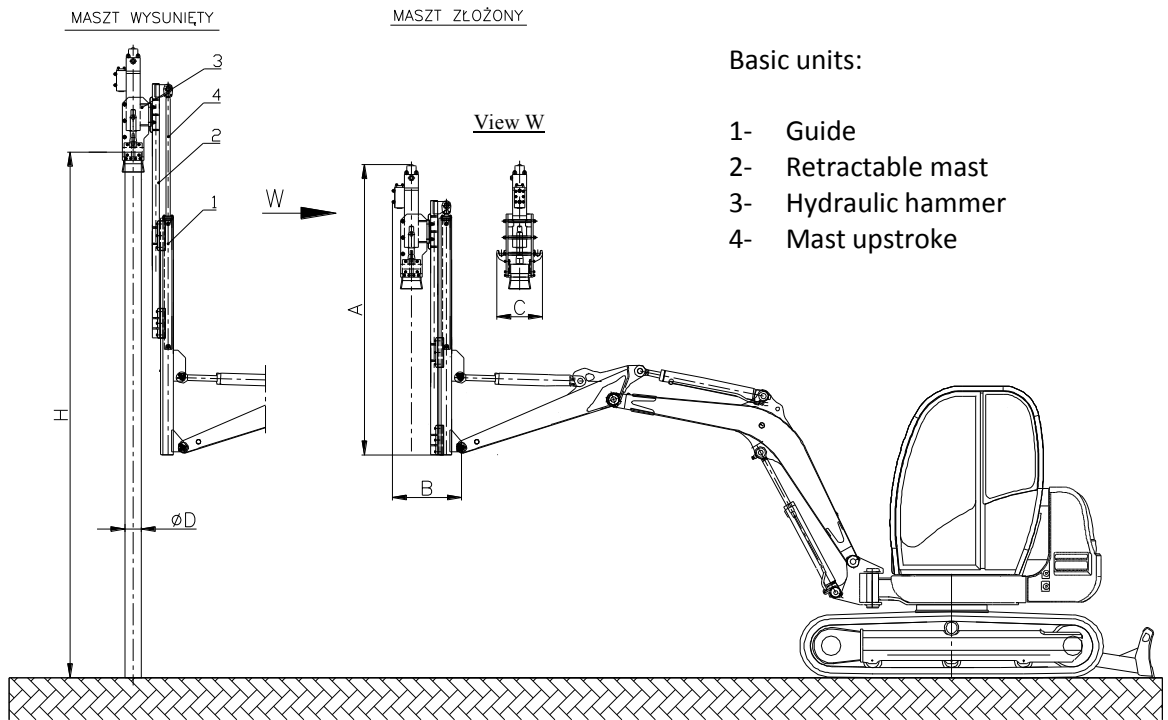
1. INTENDED USE

OKK-150 type excavator piledriver equipment is designed to be mounted on the excavator ram instead of a bucket. OKK-150 type excavator piledriver equipment is used to drive wooden piles of a diameter up to $\phi 140$ mm and length up to 5 m for protective garden structures, as well as to drive steel profiles for photovoltaic systems, crash barriers or to construct bridges. Excavator piledriver equipment can be used with suitable washers to drive other piles (e.g. reinforced concrete piles). In the standard version, equipment includes a VH150 hydraulic hammer.

2. TECHNICAL DATA

CHARACTERISTIC PARAMETER	UNIT	VALUE
Hammer operating pressure	MPa	12
Hammer impact energy	J	324
Hammer impacts/min.	1/min.	700 ÷ 900
Mast stroke	mm	1000
Oil consumption	dm ³ /min.	30
Equipment weight	kg	280
Excavator weight	kg	1500 ÷ 4500
Wysokość pala	mm	5000

3. DESIGN AND OPERATING PRINCIPLE



Basic units:

- 1- Guide
- 2- Retractable mast
- 3- Hydraulic hammer
- 4- Mast upstroke

Size designation	Value in mm
A – height of retracted mast	2500
B – mast width	600
C – hammer width	400
D – max pile diameter	140
H – max pile height	5000

The equipment guide (1) is fixed to the excavator arm in the bucket mounting point. The guide is equipped with a hydraulic cylinder (4) for extending the retractable mast (2) upwards by 1000 mm. The hydraulic hammer (3) fitted with ram, anvil and pile guide is attached to the mast. The excavator arm must be lifted as high as possible before driving a pile. The hydraulic hammer (3) is equipped with lugs for easier vertical lifting of a pile.



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