

**WALDEVAR HWL 400R is a crawler semi-mobile and is used for:**

- Drilling options with custom heads, available in stock or customized
- Positioning and inserting the posts with various sections in size and shape
- Fixing and removing the poles with various sections in size and shape
- Twisting posts and dowels / positioning and inserting specific poles or dowels with various sections in size and shape
- Drilling - drilling of various diameters and depths

Modern and technological equipment at the highest standards. It is characterized by durability and exceptional reliability, being extremely stable and designed to withstand uninterrupted use in difficult conditions, but also in weather conditions unfavorable. Among the main advantages of WALDEVAR machines is the ability

them to easily insert poles into any surface type: soil, concrete, reinforced concrete, asphalt, stone, granite etc., 360 rotating capacity degrees of the pillar beating mechanism as well and the robustness and endurance of metal tracks.

Waldevar machines are built using specially selected materials, of the highest quality, which thus allows them to meet all the requirements imposed by the lcuru environments.

Tracked hydraulic pole beater, HWL 400R, is a semi-mobile tracked machine used to beat poles, to various types of fasteners and to drilling in various types of surfaces. design compact and robust of the machine allow it to work easily on difficult terrain (gravel or stones), rugged or even sloping up to 35 degrees inclination, not being affected stability. The beater tracks are made of high quality metal, but there are also the possibility of dressing them with elements of rubber to prevent surface damage moving the machine.

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## HYDRAULIC PILE DRIVER MACHINE FOR METAL RAILINGS AND PHOTOVOLTAIC PANEL SYSTEMS

- technical data HWL 400R -

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1	Dimensions (length x width x height)	4200 x 2200 x 2400	mm
2	Weight of the semi-mobile crawler machine	5000	kg
3	Travel speed	0-10	km / h
4	Degree of ascent of a ramp (inclination machine)	0-35	degrees
5	Starting voltage	24	volts
6	Diesel engine power / Engine speed	80 / 2400	KW / RPM
7	Engine speed at	50	RPM
8	Fuel tank capacity	500	liters
9	Nominal pressure of the hydraulic system at displacement	180	bar
10	Hydraulic oil tank capacity	200	liters
11	Hydraulic pump Engine torque	4300	nm
12	Metal track width	350	mm

### TECHNICAL DATA OF THE HYDRAULIC HAMMER

1	Minimum hammer impact power	950	joules
2	Number of strokes per minute - minimum / maximum	700 / 1500	strokes / minute
3	Duplex transmission pump pressure	250	bar
4	Displaced duplex pump volume	40	ml / r
5	Minimum hydraulic system pressure	200	bar
6	Inclination of the column	+10 / -60	degrees
7	Full turret rotation (hammer movement stg.-dr. )	360	degrees
8	Actual column impact size	0-4000	mm
9	Main valve oil flow	120	liters / min
10	Diameter of the inserted pole	100 - 220	mm
11	Maximum length of columns that can be mount	6000	mm
12	Pillar length	0-4000	mm