

Pile driver for photovoltaic

Modello : 300 F 830 JOULE -

Machine for the insertion of piles or screw from photovoltaic structure on land.

Complete with rubber crawler.

Powered by diesel engine independently.

TECHNICAL FEATURES 300 F 830 JOULE

Self-propelled on wide rubber crawlers, capacity 2190 kg powered by 35,4 KW 3000 rpm complete of hydraulic pumps and hammer kg 440 (SOLAR FIELDS VERSION)

Dimensions closed machine with lifted column:
Length 2.100 mm Width 2350 mm Height 2670 mm
(without pole slide)

Dimensions closed machine with lowered column (without pole slide)
Length 2.100 mm Width 2.100 mm Height 2.500 mm

Weight kg 4000

Motorization:

Yanmar 4TNV 88 35,4 KW at 3000 rev/min 31,5 31.3 KW at 2600 rpm/min

Air cooled, completed with starting

Electric and dry filter

Capacity oil tank l. 140

Capacity fuel tank l. 50

Heat exchanger for hydraulic oil cooling

Hammer technical data:

Impact power 830 joule

540/1300 stroke /min

Weight kg 200 in working time kg 440

Oil tank capacity 60/90 l.min

Power 170 bar

Hydraulic slide to set the hammer with seven movements, track translator and hammer starter

1. down/up movement of the column stroke 500 mm (further on demand) with three mechanic regulations.
 2. In/out movement of the slide stroke 500 mm (further on demand), stroke movement 1.150 from the centre of the pole to the external track.
 3. Column inclination from + 10 to - 51°
 4. Stroke translator 130 + 130 mm
 5. Up/down movement of the hammer trolley .
 6. Hammer starter stroke, control on the drive working shelf .
 7. Left track control
 8. Right track control
 9. Slide inclination (training) from + 9,5° - 9,5°
- Possibility to put on core bore and extractor
Equipped with four ropes lift hook
Undercarriage two speed 1,92 to 3,33 Km /h
Grade ability 60%
Extension to drive post max height m.4,40

