

# PILE DRIVER MACHINE



## SCAIP PILE DRIVER MACHINE SDR-108 WITH STONEX GPS POSITIONING

The SDR-108 pile driver is the perfect solution for driving 10, 15 or 20 foot long piles into the ground efficiently and accurately.

The machine was originally developed with the aim of constructing of solar energy farms, but can also be used in other areas such as for example the construction of new roads and highways by driving the piles that hold the road safety barriers in place. For such applications, the machine was designed with tracks so it can easily reach harder to reach terrains and navigate on unlevelled surfaces

The SDR Series comes equipped with:

- 59 HP Yanmar Diesel Engine
- Self-Adjusting Mast
- 900 KG Hammer working at 900 BPM delivering 1080 J.
- Full or Semi-Automatic GPS System

**For Pricing And Availability Contact Our  
Sales Team at 1-855-955-GCIS (2247)**

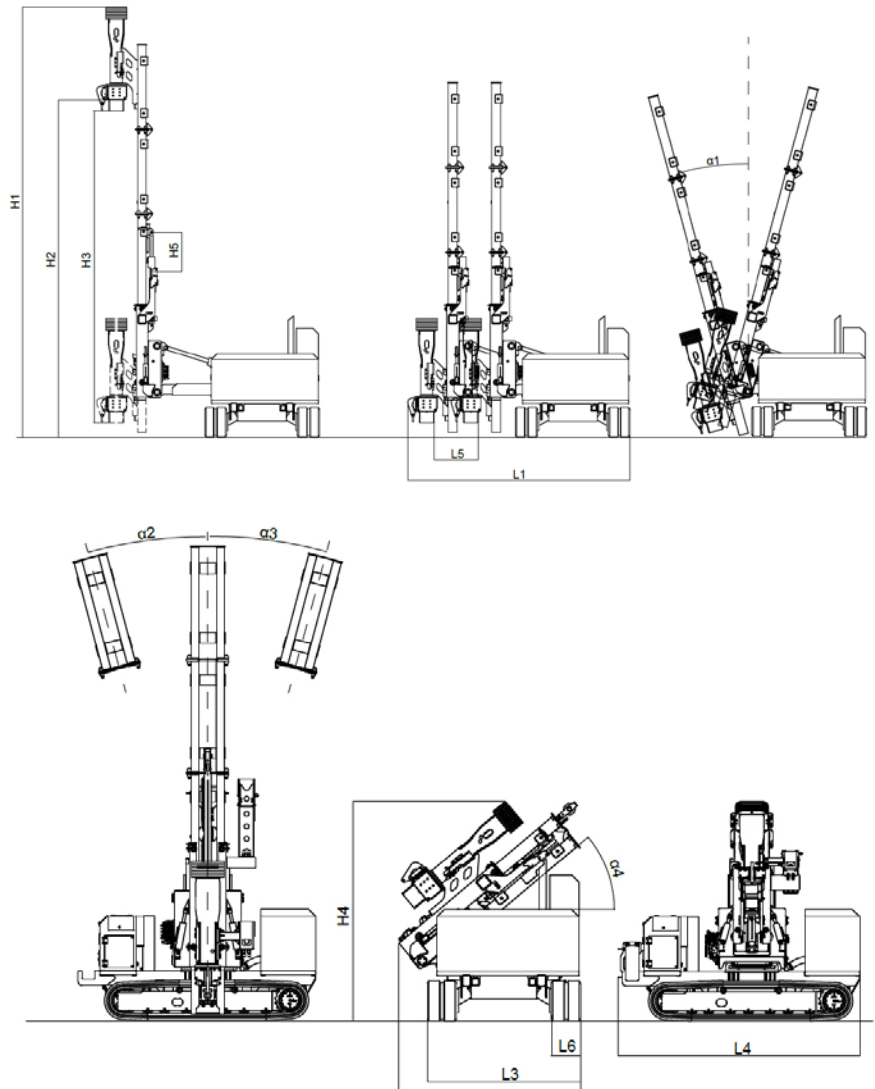


# Specifications

**Basic Machine Transport Dimensions:**  
10.9' (L) x 8.2' (W) x 9.8' (H) FT  
**Basic Machine Transport Weight:**  
7,500KG / 16,535 LB

## OPERATION DIMENSIONS

L1	4.1 M	13.5 FT
L2	2.5 M	8.2 FT
L3	2.3 M	7.5 FT
L4	3.3 M	10.8 FT
L5	0.8 M	2.6 FT
L6	0.4 M	1.3 FT
H1	7.9 M	25.9 FT
H2	6.2 M	20.3 FT
H3	5.7 M	18.7 FT
H4	3.0 M	9.8 FT
H5	0.7M	2.3 FT
$\alpha 1$	15°	
$\alpha 2$	15°	
$\alpha 3$	15°	
$\alpha 4$	40°	



## ENGINE

EMISSIONS	US EPA&CARD TIER 4/ EU STAGEV
BRAND	YANMAR
MODEL	4TNV86CT
NET FLYWHEEL	59 HP - 44 KW
GOVERNED SPEED	2800 RPM
DISPLACMENT	2.1 L / .55 US GAL

## HYDRAULIC SYSTEM

### PRIMARY PUMP : OPEN CIRCUIT LS PISTON PUMP

MAXIMUM FLOW	140L/MIN - 37 US GAL/MIN
MAX OP PRESSURE	280 BAR - 4061 PSI

## FLUID CAPACITIES

FUEL TANK	100L - 26.4 US GAL
HYAULIC OIL TANK	220L - 58 US GAL

## MAST

MAX ANGLE (PERPENDICULAR TO TRAVEL)	+15° / -40°
MAX ANGLE (DIRECTION OF TRAVEL)	-15° / +15°
HORIZONTAL ADJ (PERPENDICULAR TO TRAVEL)	31.5"
HORIZONTAL ADJ (DIRECTION OF TRAVEL)	+5.5 / -5.5"

### 9.8 FT STANDARD

TOTAL HAMMER STROKE	102.4"
MAXIMUM PILE LENGTH	118.1"

### 15.1/20 FT OPTIONAL

TOTAL HAMMER STROKE	224.5"
MAXIMUM PILE LENGTH	240.2"

## TRACKED CARRIAGE

BOTTOM ROLLERS	7 PER SIDE
TOP ROLLERS	2 PER SIDE
TRACKED GAUGE	74.8"
PITCH	90.2"
SHOE MATERIAL	RUBBER