

ATLAS KOMPAKT

Excavator AC 90UF



Operating Weight	8.2 t (rubber track)
Engine power	46.2 kW / 2200 rpm
Engine brand	Yanmar
Standard Bucket Capacity	0.26 m ³
Max. Digging Depth	4.07 m

Parameter

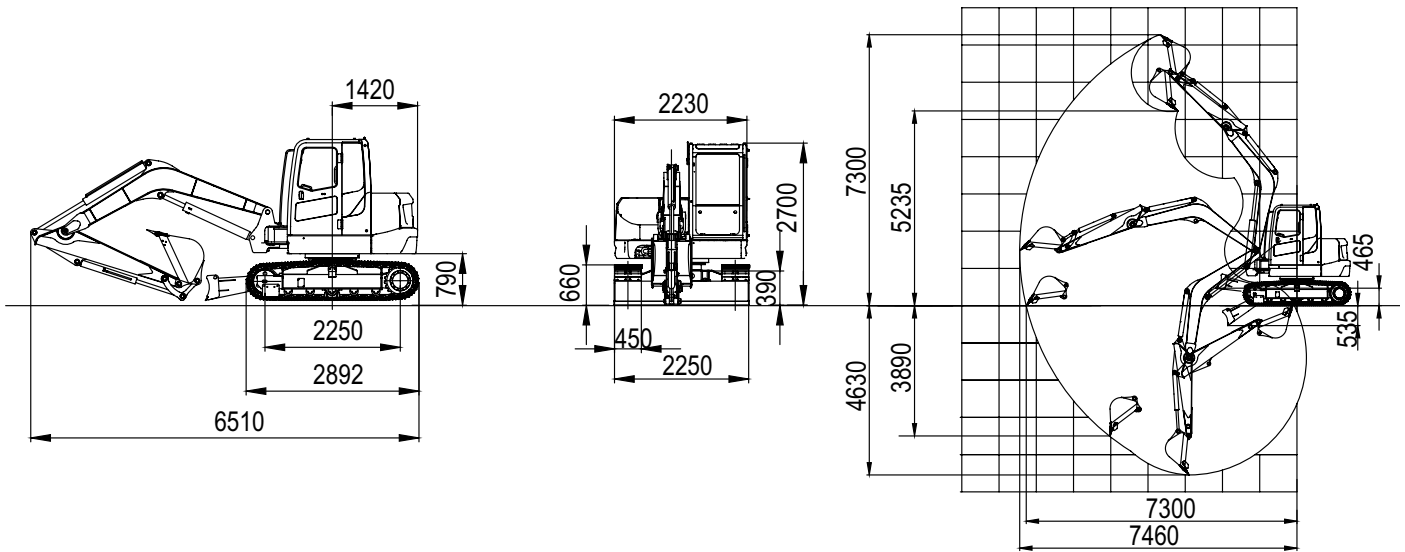
ENGINE	
Brand	YANMAR
Model	4TNV98C
Type	4-cylinder 4-stroke water cooled
Displacement	3.319 L
Power	46.2kW / 2200rpm
ELECTRIC SYSTEM	
Nominal Voltage	12V
Batteries	120 Ah
Alternator	12V - 55 A
Starter	12 V - 3.0 kW
DRIVE	
Max. Travel Speed (2ns/1st)	4.5 / 2.7 km/h
Gradeability	35°
Max. Traction	66.8 kN
UNDERCARRIAGE	
Undercarriage Width	2250 mm
Shoe Width	450 mm
Length to Center of Rollers	2250 mm
Track Length	2892 mm
Track Height	660 mm
BULLDOZING BOARD	
Independent moving, controlled by the gear shift lever	
Length X Width	2160 x 415 mm
Max. Lifting Height	465 mm
Max. Cutting Depth	535 mm

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DIMENSIONS	
Counterweight Clearance	790 mm
Tail Swing Radius	1420 mm
Shipping Length	6510 mm
Shipping Width	2230 mm
Shipping Height	2700 mm
WORKING RANGES	
Max. Cutting Height	7300 mm
Max. Loading Height	5235 mm
Max. Digging Depth	4630 mm
Max. Vertical wall Digging Depth	3890 mm
Max. Digging Reach	7460 mm
Max. Reach at Ground Level	7300 mm
Bucket Digging Force	63.5 kN
Stick Digging Force	37.5 kN
Ground Pressure	36.5 kPa
Swing Speed	11 rpm
CAPACITY	
Fuel Tank	120 L
Hydraulic Oil Tank	100 L
HYDRAULIC SYSTEM	
Main Pumps	
Type	1 variable displacement pump
Displacement	160 L/min
Working Pressure	28 Mpa

Working Ranges

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Load Capacity

A (m)	MAX		5.0 m		4.5 m		3.0 m	
B (m)	Front (kg)	Side (kg)	Front (kg)	Side (kg)	Front (kg)	Side (kg)	Front (kg)	Side (kg)
4.0	1196.25*	900.00	—	—	1305.00*	1106.00	—	1261.50*
3.0	1348.00*	750.00	1392.00*	1068.00	1413.00*	1125.00	1566.00*	1587.75*
2.0	1326.75*	693.00	1413.75*	843.80	1653.00*	1275.00	1718.25*	1761.00*
1.0	1479.00*	693.00	1587.75*	821.30	1761.75*	1275.00	2718.75*	1556.20
0.0	1522.00*	731.30	1566.00*	836.30	2175.00*	1350.00	3153.75*	1668.80
-1.0	1566.00*	768.80	1609.50*	825.00	2196.80	1087.50	3588.75*	1631.30
-2.0	1653.00*	900.00	—	—	2240.30	1125.00	3488.70*	1593.8

Notes:

- 1) Load with * is limited by hydraulic capacity and based on ISO 10567. Rated loads do not exceed 87% of hydraulic capacity.
- 2) Load without * is limited by tipping load and based on ISO 10567. Rated loads do not exceed 75% of tipping load.