

# ATLAS KOMPAKT

## Excavator AC 90UF



Operating Weight	8.75 t (rubber track)
Engine power	46.2 kW / 2200 rpm
Engine brand	Yanmar
Standard Bucket Capacity	0.26 m <sup>3</sup>
Max. Digging Depth	4545 mm

### Parameter

 [www.atlas-kompakt.com](http://www.atlas-kompakt.com)

#### ENGINE

Brand	YANMAR
Model	4TNV98C
Type	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)	4.7 / 2.7 km/h
Gradeability	35°
Max. Traction	68 kN

#### UNDERCARRIAGE

Undercarriage Width	2270 mm
Track width	450 mm
Length to Center of Rollers	2250 mm
Track Length	2900 mm
Track Height	678 mm

#### BULLDOZING BOARD

Independent moving, controlled by the gear shift lever	
Length X Width	2250 x 415 mm
Max. Lifting Height	415 mm
Max. Cutting Depth	515 mm

#### DIMENSIONS

Counterweight Clearance	800 mm
Tail Swing Radius	1430 mm
Shipping Length	6494 mm
Shipping Width	2220 mm
Shipping Height	2250 mm

#### WORKING RANGES

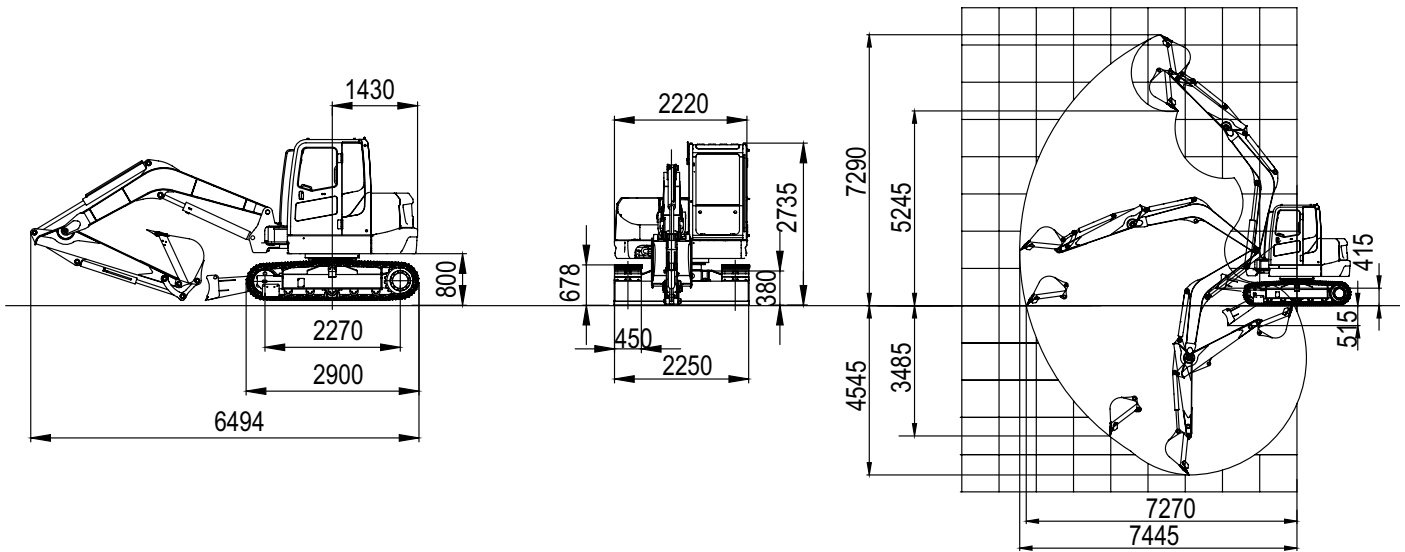
Max. Cutting Height	7290 mm
Max. Loading Height	5245 mm
Max. Digging Depth	4545 mm
Max. Vertical wall Digging Depth	3485 mm
Max. Digging Reach	7445 mm
Max. Reach at Ground Level	7270 mm
Bucket Digging Force	60 kN
Stick Digging Force	38 kN
Ground Pressure	36.5 kPa
Swing Speed	11.2 rpm

#### CAPACITY

Fuel Tank	110 L
Hydraulic Oil Tank	90 L

#### HYDRAULIC SYSTEM

Main Pumps	
Type	1 Variable piston pump
Displacement	160 L/min
Working Pressure	28 Mpa



## Load Capacity

Lift point height	Lift point radius (MIN)		Lift point radius (MAX)		Lift point radius 5.0 m		Lift point radius 4.0 m		Lift point radius 3.0 m	
	Front (kg)	Side (kg)	Front (kg)	Side (kg)	Front (kg)	Side (kg)	Front (kg)	Side (kg)	Front (kg)	Side (kg)
5.0	—	—	—	—	—	—	2219*	1492	—	—
4.0	—	—	—	—	—	—	2299*	1508	—	—
3.0	—	—	—	—	1740*	1102	1873*	1477	—	—
2.0	—	—	1789*	723	2002*	1037	2313*	1603	3631*	2242
1.0	4749*	2158	1895*	693	1953*	991	2326*	1435	3134	2013
0.0	—	—	1971*	700	2113*	945	2637*	1343	3737*	1829
-1.0	—	—	2064*	788	2068*	903	2734*	1313	3595*	1768

## 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.