

ATLAS KOMPAKT

Excavator AC 20F

Operating Weight	1.94 t (rubber track)
Engine power	13.4 kW /2200 rpm
Engine brand	YANMAR
Standard Bucket Capacity	0.04 m ³
Max. Digging Depth	2.38 m



Parameter

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ENGINE

Brand	Yanmar
Model	3TNV80F - SSSU
Type	3-cylinder water-cooled indirect injection
Displacement	1267 cm ³
Power	13.4 kW/2200 rpm

ELECTRIC SYSTEM

Nominal Voltage	12 V
Batteries	63 Ah
Alternator	12 V - 40 A
Starter	12 V - 1.4 kW

DRIVE

Max. Travel Speed (2ns/1st)	3.5/2.0 km/h
Gradeability	30°
Max. Traction	16.7 kN

UNDERCARRIAGE

Undercarriage Width	990/1360 mm
Shoe Width	230 mm
Length to Center of Rollers	1210 mm
Track Length	1299 mm
Track Height	385 mm

BULLDOZING BOARD

Independent Moving, Controlled By The Gear Shift Lever	
Length X Width	1360x267 mm
Max. Lifting Height	295 mm
Max. Cutting Depth	360 mm

DIMENSIONS

Counterweight Clearance	482 mm
Tail Swing Radius	1120 mm
Shipping Length	3820 mm
Shipping Width	990 mm
Shipping Height	2210 mm

WORKING RANGES

Max. Cutting Height	3770 mm
Max. Loading Height	2720 mm
Max. Digging Depth	2380 mm
Max. Vertical Wall Digging Depth	1870 mm
Max. Digging Reach	4040 mm
Max. Reach at Ground Level	3945 mm
Bucket Digging Force	22.7 kN
Stick Digging Force	9.83 kN
Ground Pressure	30 kPa
Swing Speed	10 rpm

CAPACITY

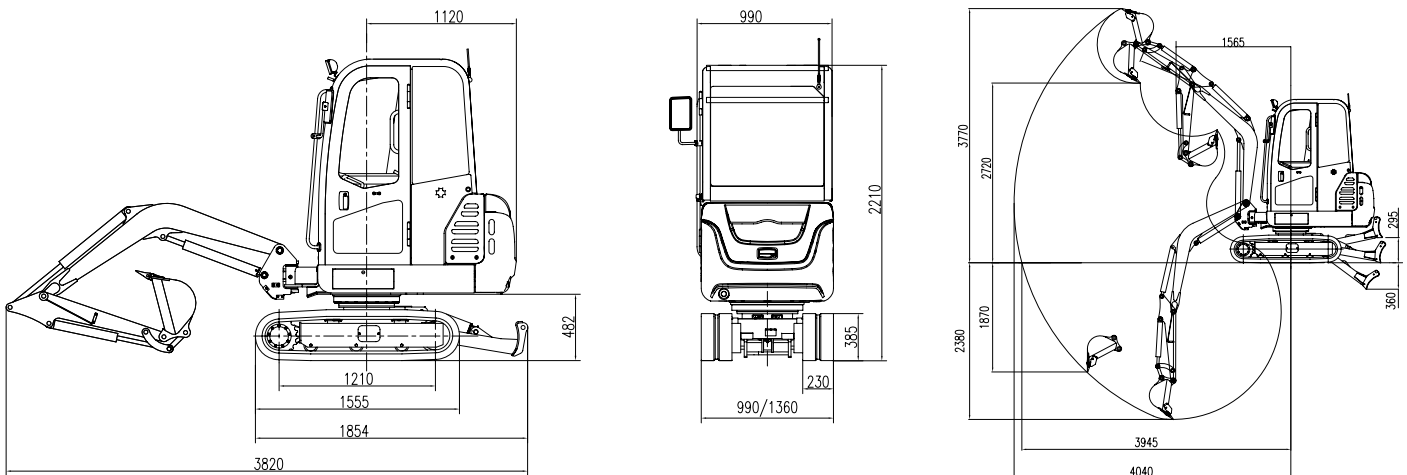
Fuel Tank	23 L
Hydraulic Oil Tank	35 L

HYDRAULIC SYSTEM

Main Pumps	
Type	2 variable displacement pumps, 1 gear pump
Displacement	2 X 21+15/min
Working Pressure	22.5/18 MPa

Working Ranges

Excavator AC 20F



Load Capacity

Lift point height	Lift Point Radius MAX		Lift Point Radius 3.0 m		Lift Point Radius 2.0 m	
	Over-front (kg)	Over-side (kg)	Over-front (kg)	Over-side (kg)	Over-front (kg)	Over-side (kg)
2.5	260.00*	180.00	250.00*	210.00	—	—
1.5	280.00*	150.00	310.00*	200.00	470.00*	380.00
0.0	300.00*	160.00	360.00*	190.00	670.00*	350.00
-1.0	330.00*	200.00	—	—	620.00*	340.00

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 capacity.

