

AC18UF

ATLAS
— KOMPAKT —



OPERATING WEIGHT

1.88 TONS

ENGINE POWER

13.4 KW / 2200 RPM

BUCKET CAPACITY

0.04 M³

TECHNICAL DATA

ENGINE

Brand	Yanmar
Model	3TNV80F - SSSU
Type	water-cooled diesel engine
Displacement	1.267 l
Power	13.4 kW / 2200 rpm

ELECTRIC SYSTEM

Operating voltage	12 V
Battery	45 Ah
Alternator	12 V - 40 A
Starter	12 V - 1.1 kW

DRIVE

Max. travel speed (1st/2nd)	2.0/3.5 km/h
Gradeability	30°
Max. traction	16.7 kN

UNDERCARRIAGE

Undercarriage width	990/1320 mm
Shoe width	230 mm
Length to center of rollers	1210 mm
Track length	1538 mm
Track height	352 mm

DOZER BLADE

Independent movement, controlled by the gear lever	
Length x width	1320 x 267 mm
Max. lifting height	216 mm
Max. cutting depth	270 mm

DIMENSIONS

Counterweight clearance	436 mm
Tail swing radius	680 mm
Shipping length	3582 mm
Shipping width	990 mm
Shipping height	2415 mm

WORKING RANGES

Max. cutting height	3460 mm
Max. loading height	2430 mm
Max. digging depth	2210 mm
Max. vertical wall digging depth	1550 mm
Max. digging reach	3940 mm
Max. reach at ground level	3850 mm
Bucket digging force	22.7 kN
Stick digging force	11.24 kN
Ground pressure	30.3 kPa
Swing speed	10 rpm

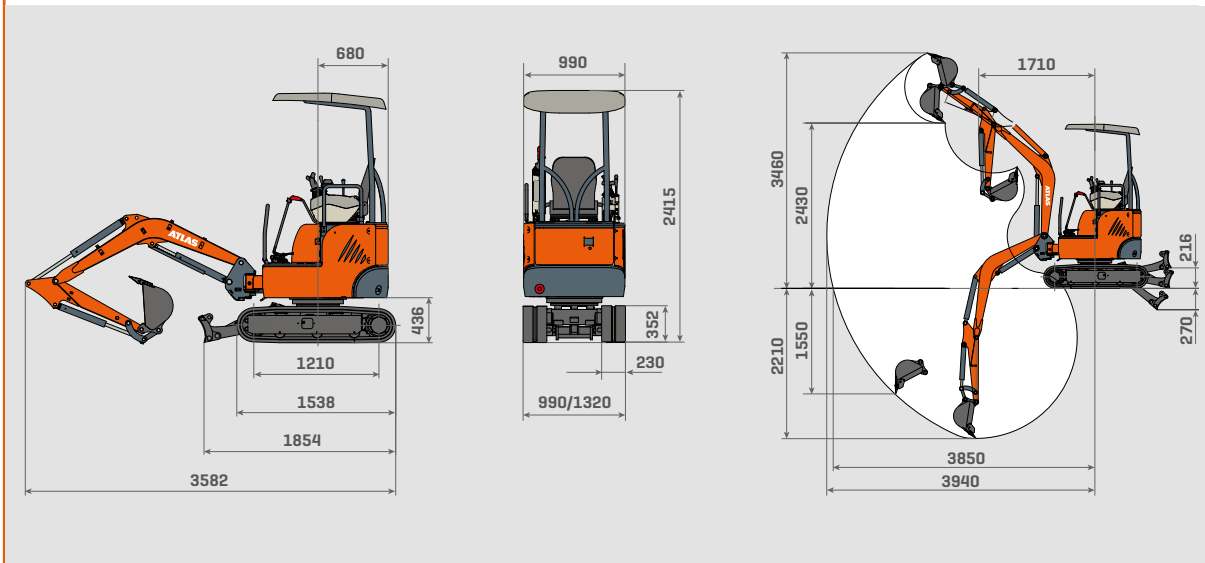
CAPACITY

Fuel tank	24.6 l
Hydraulic oil tank	18.6 l

HYDRAULIC SYSTEM

Main Pump	
Type	Piston pump
Volume oil flow	2x21+15 l/min
Working pressure	20/18 MPa

WORKING RANGES



LOAD CAPACITY

A (m)	MAX		3.0 m		2.5 m		2.0 m	
	Front (kg)	Side (kg)	Front (kg)	Side (kg)	Front (kg)	Side (kg)	Front (kg)	Side (kg)
2.5	220.10*	224.90	205.90*	215.40	—	—	—	—
2.0	220.10*	224.90	220.10*	224.90	244.10*	244.10	—	—
1.5	239.30*	234.50	244.10*	239.30	263.20*	258.40	335.00*	335.00
1.0	229.70*	234.50	244.10*	248.90	272.80*	296.70	368.50*	406.80
0.5	234.50*	239.30	272.80*	272.80	349.40*	349.40	473.80*	464.20
0.0	258.40*	258.40	268.00*	277.60	325.40*	354.10	449.90*	469.00
-0.5	263.20*	258.40	263.20*	258.40	325.40*	315.90	469.00*	449.90
-1.0	253.60*	253.60	—	—	272.80*	263.20	368.50*	358.90



- 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.



More information here



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