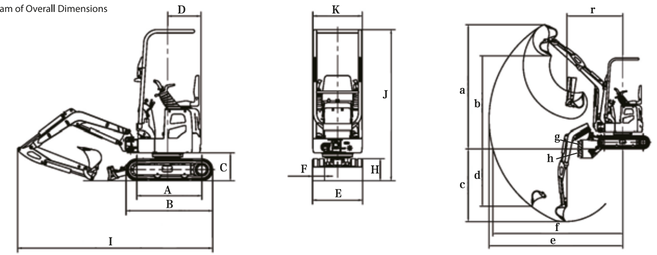
AC08B/AC10EU MAIN PARAMETER

Main parameter			Unit	AC 08B	AC 10EU
Dimensions	A	Wheelbase	mm	900	975
	B	Overall length of crawler	mm	1224	1299
	C	Ground clearance of platform	mm	410	418.5
	D	Tail slewing radius of platform	mm	750	500
	E	Chassis width	mm	740/900	750/100
	F	Crawler width	mm	180	180
	G	Ground clearance of chassis	mm	141	141
	H	Crawler height	mm	330	300
	I	Overall length	mm	2640	2930
	J	Cab roof height	mm	2125	2130
	K	Superstructure width	mm	740	740
Operation scope	A	Maximum digging height	mm	3082	3092
	B	Maximum dumping height	mm	2304	2314
	C	Maximum digging depth	mm	1824	1813
	D	Maximum vertical digging depth	mm	1439	1430
	E	Maximum digging radius	mm	3178	3343
	F	Maximum digging reach at ground level	mm	3082	3243
	G	Maximum lifting height of bulldozer blade	mm	225	225
	H	Maximum digging depth of bulldozer blade	mm	225	225
	I	Minimum slewing radius	mm	1221	1395
	J	Bulldozer blade (length x width)	mm	900x197	1000x197
Performance parameters	Gross weight		t	1.01	1.1
	Standard bucket capacity		m^3	0.022	0.022
	Bucket digging force		kN	9.4	9.4
	Bucket arm digging force		kN	5.8	5.8
	Engine brand			YANMAR	YANMAR
	Engine power		kW/rpm	7.2/2400	7.2/2400
	Traveling speed		km/h	2.9/1.5	2.9/1.5
	Ground pressure		kPa	24.5	24.5
	Slewing speed		rpm	8.2	8.2

Diagram of Overall Dimensions



ATLAS KOMPAKT

ATLAS KOMPAKT GmbH

Stedinger Strasse 324, 27751 Delmenhorst, Germany

Tel.: +49 (0) 4221 491330; Fax: +49 (0) 4221 491331

E-mail: info@atlas-kompakt.com

ATLAS KOMPAKT

Mini-sized Hydraulic Excavator **AC08B/AC10EU**

AC08B/AC1OEU mini-sized hydraulic excavator is applicable for the operations in the working sites such as farmlands, gardens, municipal engineering, and roads.

YANMAR 2TNV70 Engine

This product is powered by US Tier-IV and Euro-III emission compliant YANMAR 2TNV70 high-performance engine, of which the strong power output meets the daily operations of the mini-sized hydraulic excavator.

Hydraulic control system

The imported hydraulic parts from world' s renowned manufacturers work with the hydraulic pilot system to meet the accurate control of hydraulic system via accurate calculations and improve the operation stability and comfort.

Zero-tail slewing (AC10EU)

When the chassis is in width of 1,000mm, the slewing of the superstructure can ensure that the tail of the superstructure is not beyond the range the of the chassis to realize the zero-tail slewing function, which reduces the driver' s collision danger against obstacles and increases the safety while improving the trafficability.

Large maintenance space

The arrangement of the fuel filler port makes the refueling really easy. The large opening angle of the tail hood makes the daily maintenance of the engine easier.

Rollover protection structure (ROPS)

The ROPS structure meeting the CE certification standard effectively safeguards the driver. In addition, the roll cage can be easily folded by one pin to reduce the overall height and ease the transportation and pass-through of height-limited gates.

Spare hydraulic pipelines

The working device is fitted with spare hydraulic connectors so that the attachments can be changed at any time to meet diversified operation needs.

Hydraulic cylinder protection device

The cylinder protection plate is designed for the chassis telescoping cylinder, bulldozing blade cylinder, and boom cylinder to protect the cylinders against the harms of dusts and other impurities and prolong the lives of the cylinders.

The deflection protection device for the working device prevents the working device from colliding with the superstructure and driver and endangering the safety in event of failure of the deflection cylinder.

Pilot control of working device

Substituting the mechanical control mechanism of working device presently applied in mini-sized excavators, this product takes the lead to adopt the pilot valve joystick to make the operations more accurate and smoother and remarkably improve the operation comfort and stability.

Driver's console with complete functions

With one-touch functional buttons, the functions of the pilot switch, high/low speed changeover button, and boom lamp switch are controlled by one button respectively to remarkably improve the operation efficiency and comfort. The color instruments are arranged at eye-catching locations to real-time provide the driver with the safety information, including fuel level, working time, preheating, charging, engine oil pressure, idling speed, and coolant temperature. The accelerator cable is changed from rotary type to pull-push type to reduce the engine acceleration time and save the operation time and labor.

Telescoping frame

With the telescoping frame and the bulldozing blade, lightly pushing/pulling the chassis telescoping joystick can freely adjust the overall width of the machine within 750mm*-lf000mm to drive the machine with ease into narrow spaces or narrow sites (such as indoors) for operations.

Mini-sized Hydraulic Excavator **AC08B/AC10EU**