

AIRMAN[®] MINI EXCAVATOR

STAGE 5 SERIES

RANGE 1000-5500Kg



SAFETY

- Operate safely in accordance with the proper operation manual.
- To prevent troubles and accidents, make sure to perform daily and preventive maintenance checks.

AIRMAN[®]

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DISTRIBUTOR :

AX10u AX17u AX19u AX19 AX26u AX33u AX38u AX48u AX55u



 **Japanese Quality Since 1938**

AIRMAN®

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		AX10U-7	AX17U-7	AX19U-7	AX19-7	AX26U-7	AX33U-7	AX38U-7	AX48U-7	AX55U-7
Zero tail swing type		Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Operating weight cabin / canopy		na / 1160	na / 1760	na / 1880	1920 / na	2720 / 2570	3720 / 3540	4170 / 4000	4960 / 4830	5310 / 5180
Bucket capacity std.	m ³	0.022	0.04	0.04	0.04	0.07	0.08	0.08	0.11	0.11
Engine										
Make		Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar
Model		3TNV70	3TNV70	3TNV70	3TNV70	3TNV76	EDM-3TNV88	EDM-3TNV88	EDM-4TNV88	EDM-4TNV88
Fuel		Stage 5 / Diesel	Stage 5 / Diesel	Stage 5 / Diesel	Stage 5 / Diesel	Stage 5 / Diesel	Stage 5 / Diesel	Stage 5 / Diesel	Stage 5 / Diesel	Stage 5 / Diesel
Cooling		Water	Water	Water	Water	Water	Water	Water	Water	Water
No. of cylinders		2	3	3	3	3	3	3	4	4
Output	PS / rpm									
(ISO 9249)	kW / rpm	9.5/2100	10.6/2,400	10.6/2,400	10.6/2,400	14.5/2500	18,8/2400	18,8/2400	29,1/2400	29,1/2400
Maximum torque	Nm / rpm	50.5/1500	48.8/1,800	48.8/1,800	48.8/1,800	64.1/1800	91,6/1000	91,6/1000	135,8/1560	135,8/1560
Piston displacement	L	0.854	0.854	0.854	0.854	1.115	1.642	1.642	2.189	2.189
Hydraulic pumps										
Main pumps	Variabel displacement axial piston pump	-	2	2	2	2	2	2	1	1
	gear pump	2	1	1	1	1	1	1	-	-
Maximum oil flow	L/min		2 x 19.2, 1x 10.8	2 x 19.2, 1x 10.8	2 x 19.2, 1x 10.8	2 x 30.0, 1 x 16.3	2 x 38.4, 1 x 22.8	2 x 38.4, 1 x 22.8	120	120
Relief valve setting	implement circuit Mpa (kg/cm ²)	17.7 (180)	20.6 (210)	20.6 (210)	20.6 (210)	24.5 (250)	24.5 (250)	24.5 (250)	24.5 (250)	24.5 (250)
Dimensions										
Max. transport length		2940	3500	3540	3790	4100	4530	4760	5390	5520
Undercarriage width (Min/max)		780/1000	980/1280	980/1280	980/1280	1500	1550	1740	1960	2000
Height		1450	2380	2380	2380	2430	2480	2480	2530	2530
Overall width		1000	990/1280	990/1280	1020/1280	1500	1550	1740	1960	2000
Working ranges / performances										
Max. digging reach		3220	3810	3990	3900	4710	5170	5520	6060	6260
Max. digging reach (on ground)		3140	3720	3900	3840	4570	5040	5410	5920	6130
Max. digging depth		1780	2190	2390	2380	2730	3130	3460	3630	3830
Max. dumping height (canopy)		2220	2510	2610	2380	3030	3100 (3310)	3390 (3570)	4140	4310
Min. Ground clearance		130	165	165	165	300	280	280	340	340
Track shoe width		180	230	230	230	300	300	300	400	400
Swing speed	min ⁻¹ (rpm)	8.7	9.4	9.4	9.4	9.1	9.1	9.1	9	9
Travel speed high / low	km/h	4.0/2.0	4.2/2.4	4.2/2.4	4.2/2.4	4.5/2.9	4.3 / 2.8	4.3 / 2.8	4.2 / 2.5	4.2 / 2.5
Max. digging force (ISO)	Arm kN	6	8.6	9.2	8.4	14.5	14.6	16.9	21	21
(General digging)	Bucket kN	11.8	16	16	16	22.3	27.2	27.1	32.1	36.9
Ground pressure	kPa	23	26.6	28.3	30.6	25.9	32	36	28	29
Options										
Auto idle		na	na	na	na	na	std	std	std	std
Tiltable cabin		na	na	na	na	na	std	std	std	std
Radio		na	na	na	option	na	option	option	option	option
Air conditioning		na	na	na	na	na	option	option	option	option
3rd. Hydraulic system		std	std	std	std	std	std	std	std	std
4th. Hydraulic system		na	na	na	na	na	option	option	option	option