

Zero Tail Swing Type Mini EXCAVATOR



ДХ27и-5F ДХ30и-5F ДХ35и-5F ДХ40и-5F ДХ50и-5F

AX40u-5F



AX35u-5F

HOKUETSU INDUSTRIES CO., LTD.

Easy Maintenance, Toughness and Durability

Daily and periodical maintenance / inspection can be carried out easily and efficiently even on tight jobsites without having to move the machine to a bigger area.

Sliding Engine Cover

The newly designed engine cover can slide up and down in order to allow maintenance and servicing in confined space.



Removable engine side cover to allow easy access to the engine. This cover is made of steel to allow easy repair when damaged.

Finned Radiator and Oil Cooler for Effective Cooling



The radiator and oil cooler, made of rust-resistant aluminum, are integrated with wavy fins for effective cooling. Fins are easy to clean and hard to be packed with dirt.

Tilt-up Canopy / Cabin

The cabin or canopy floor can be tilted up to 50 degrees to provide easy access to the excavators inner parts such as the swing motor, engine starter motor, control valve and other key components to reduce valuable inspection and maintenance time.









Reinforced Boom End New

The boom end is made out of high tensile steel to reduce wearing of the pin that holds the



Auxiliary Piping (New)



Auxiliary piping size has been increased to reduce back pressure also a larger capacity selector valve has been used. (For model AX40u/50u)

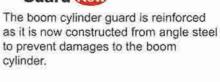
Split-Type Front Hoses



Split-Type Front Hoses are being used between the machine's cover ports and the bottom side of the boom to allow easy replacement in case of damage to one or more of the hoses.

Reinforced Angle-Steel type Boom Cylinder Guard New







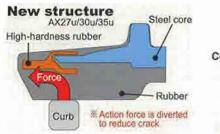
Single Swing Pin

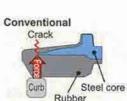


A large single swing pin is used for ease of operation with exceptionally smooth movement.

New-Structure Rubber Crawlers

The Original-developed rubber crawlers are highly durable, featuring a steel-cored structure that protects shoe edges from being damaged even when riding on curbs.





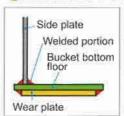
State of The Art Bushes

Hard wearing bushes are used for the front pins to reduce wear and tear and also make movement very smooth. Also longer lubrication intervals.





Durable Flat-Bottom Bucket



The flat-bottom bucket has wide wear plates welded to the bucket bottom to increase the durability.

Grease-Bathed Type Swing Gear

Grease-Bathed Type Swing Gear, allowing longer lubrication interval times.

WC (Tungsten Carbide) Thermal Spraying

The bush is sprayed with tungsten carbide to reduce friction between the bucket bush and arm bush which reduces wear and makes it more efficient.

X-Beam Track Frame

Rounded X-beam track frame will minimize mud packing on the frame, which shortens washing time of the machine.





ROPS/OPG Canoy and Cabin

Both canopy and cabin are compliant to the latest ROPS/TOPS and OPG top guard Lv.1 as standard.







Easy Operation / Ecological Atmosphere

Increased swing speed and travel pulling force to allow more efficient operation.



Powerful High Displacement Engine

New-generation ECO-powered engine with more power and higher efficiency.





The matching between the 3 hydraulic pumps system on the AX27u / 30u and 35u and the arm recovery circuit is

On the AX40u and 50u, the matching between the original hydraulic circuit (AHCS) and the arm recovery circuit is also

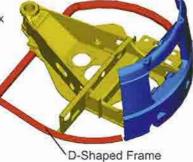


Mydraulic Pilot Control

The control levers are hydraulic pilot type for ease of operation and smooth movement.

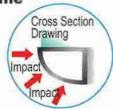
Enlarged Counterweight and Box Type Frame

The newly developed box type frame which is both lightweight and durable. the enlarged counterweight and the more heavy undercarriage give a lower center of gravity thus improving stability.



Reinforced D-Shaped Frame

The machine is reinforced with a strong D-shaped frame to protect the machine against damages and shocks.



Automatic Travel Speed Control

During high speed travel, the speed is automatically switched down to low speed when the load increases due to steering and it is automatically resumed when the load decreases again.

🌗 High Fuel Efficiency (Eco Zone) 🚳



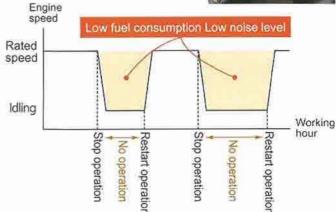
The new setting of the Eco Zone results in more production with lower fuel consumption due to the optimal control of the engine speed and torque as well as the hydraulic pressure settings.

Auto-Idle Device as Standard

AX30u~50u

The engine speed is automatically lowered to idling speed to reduce fuel consumption when the control levers are at neutral position for 4 seconds.





Hydraulic Oil Circulation Type Swing Reduction Gear

The swing reduction gear is a hydraulic oil circulation type that does not require troublesome gear oil change. Long-life hydraulic oil extends replacement interval up to 2000 hours. (This is depending on country and working conditions)

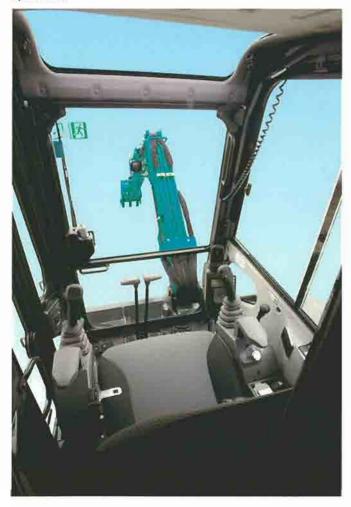


Operator Comfort and Safety

Sufficient space and convenient options are offered to enlighten the operator's job.

Largest Cabin Space in It's Class

The cabin space, conforming to the international standards, is the largest among the mini excavators for comfort and efficient operation.





Renewed Cabin Interior Color (Improved)



The consol and cab interior are painted with a new color ensuring comfortable atmosphere for an operator.



Equipment

Standard Equipment

- Auto-idling system(AX30u~50u)
- Reclining seat
- Seat belt
- Wrist rests
- Drink holder
- Electric horn
- Cigarette lighter (12V outlet)
- Floor mat
- Rearview mirror (AX40u/50u canopy)
- Two work lights

Option

- Suspension seat
- Retractable seat belt
- Rearview mirror(AX27u/30u/35u canopy)

Standard Equipment for Cabin

- Air conditioner
- AM/FM radio
- Window washer
- Defroster
- Ash tray
- Rearview mirror

Cabin Option

- Suspension seat
- Retractable seat belt
- Spare power supply (outside 12V outlet)

🗐 Comfortable Operator's Seat 🛛 🚳



The operator's seat is designed for more comfort with a higher and more spacious back of the seat. The fabric seat is also

available for the cabin model.





Canopy (Semi high backrest)



Cabin (High backrest)

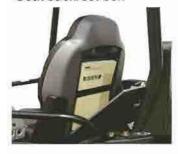
Easy-to Read Monitor

The large LCD monitor placed in the front right position, clearly shows fuel level, coolant temperature and the status of various indicators to the operator.



Storage Space





Tool box for canopy spec



The tool box is provided behind the operator's seat as standard for AX40u/50u only.

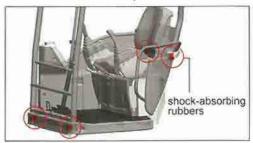
Clear Roof Sun Visor (4 Pole Canopy)

A clear sun visor is mounted at the front of the roof to secure the visibility for upper operation.



Shock-Absorbing Rubber Mounted Cabin / Canopy Floor

The cabin / canopy floor is mounted on 4 shock-absorbing rubbers to ensure comfortable operation.



Pilot Control Shut-Off Lever and Neutral Engine Start System

All operations such as front swing, travel and blade are shut off when the pilot control lever is up. It prevents accidental movement. The engine can start only when the pilot control shut-off lever is locked. This is called the neutral engine start system. It eliminates unexpected operation.



Brakes on Both The Swing and Travel Operation are equipped as Standard for Safety

SPECIFICATIONS AX27u-5F

ENGINE	
Model	Yanmar 3TNV88
Type	4-cycle water-cooled, direct injection
No. of cylinders	
Rated power	
ISO 9249, net	19.7 kW (26.4 HP) at 2 200 min1 (rpm)
EEC 80/1269, net	19.7 kW (26.4 HP) at 2 200 min1 (rpm)
SAE J1349, net	19.7 kW (26.4 HP) at 2 200 min1 (rpm)
DIN 6271, net	19.5 kW (26.1 HP) at 2 200 min1 (rpm)
Gross	20.2 kW (27.5 HP) at 2 200 min-1 (rpm)
	107 Nm (10.9 kgf m) at 1 000 min-1 (rpm)
Piston displacement	1.642 Ĺ
Bore and stroke	
Electric system	
Voltage	12 V
Dattarias	55 Ah
	55 A
	1.7 kW

HYDRAULIC SYSTEM

Main pumps	2 variable displacement axial piston pu	umps
1,000,000,000	1 gear r	pump
	2 x 35.2 l	
1000	1 x 17.6 l	L/min
	1 gear p	
Maximum oil flow		/min

Hydraulic Motors

Relief Valve Settings

Implement circuit	24.5 MPa (250 kgf/cm ²)
Swing circuit	
Travel circuit	
Pilot circuit	3.9 MPa (40 kgf/cm²)
Auxiliary circuit	24.5 MPa (250 kgf/cm²)

Hydraulic Cylinders

High-strength piston rods and tubes. Cylinder cushion mechanisms provided in boom and arm cylinder to absorb shock at stroke ends.

Dimensions

	Quantity	Bore	Rod diameter	Stroke
Boom	1	75 mm	45 mm	567 mm
Arm	1	65 mm	40 mm	549 mm
Bucket	1	55 mm	35 mm	437 mm
Blade	1	80 mm	45 mm	135 mm
Boom swing	1	75 mm	40 mm	525 mm

CONTROLS

Hydraulic pilot control levers for all operations,

UPPERSTRUCTURE

Revolving Frame

Welded sturdy box construction, using heavy-gauge steel plates for ruggedness. D-section frame for resistance to deformation.

Swing Device

Axial piston motor with planetary reduction gear is lubricated by hydraulic oil. Swing circle is single-row, shear-type ball bearing with inductionhardened internal gear. Internal gear and pinion gear are immersed in lubricant. Swing parking brake is spring-set/hydraulic-released disc type.

 Swing speed
 9.1 min ¹ (rpm)

 Swing torque
 3.83 kN·m (390 kgf·m)

Operator's Cab

Independent spacious cab, 960mm wide by 1,520mm high, conforming to ISO* Standards. Reinforced glass windows on 4 sides for visibility. Front windows (upper and lower) can be opened. Reclining seat.

* International Standardization Organization

UNDERCARRIAGE

Tracks

Tractor-type undercarriage, Welded track frame using selected materials. Side frame welded to track frame,

Travel Device

Each track driven by 2-speed axial piston motor through planetary reduction gear for counterrotation of the tracks. Sprockets are replaceable.

Parking brake is spring-set/hydraulic-released disc type.

Travel speeds	High:	0 to 4.5 km/h
***************************************	Low:	0 to 2.6 km/h
Maximum traction force	27.3 k	N (2,790 kgf)
Gradeability	58 % (30 degree	e) continuous

WEIGHTS AND GROUND PRESSURE

AX27u-5F Equipped with 2.28m boom, 1.17m arm and 0.08m³ bucket (ISO heaped).

	Operating	Ground
	weight	pressure
4-Pillars Canopy version	n	
300 mm rubber shoes	2,840 kg	28 kPa
300 mm steel shoes	2,930 kg	30 kPa
Cabin version		
300 mm rubber shoes	3,010 kg	30 kPa
300 mm steel shoes	3,100 kg	31 kPa
TO M PUR MINUSCO	C. Daniel L. S. State	100 0040

^{*} Operating weight with 0.08m² bucket if fully serviced +80kg operator ISO 6016.

SERVICE REFILL CAPACITIES

Travel dev

	40.0 L
Engine coolant	
Engine oil	7.2 L
Travel device (each side)	0.6 L
Hydraulic system	56.0 L
Hydraulic oil tank	

FRONT ATTACHMENTS BACKHOE BUCKETS

ISO 7451 capacity	W	idth	VV 745		Front Attachment			
	Without	With	No. of	Weight	AX27	'u-5F		
oupdoity	side cutters	side cutters	teeth		1.17m arm	1.47m arm		
0.05 m ³	300 mm	350 mm	3	53 kg	A	A		
0.06 m ³	350 mm	400 mm	3	55 kg	Α	A		
0.07 m ³	400 mm	450 mm	3	58 kg	Α	A		
0.08 m ³	450 mm	500 mm	4	61 kg	Α	В		
0.09 m ³	500 mm	550 mm	4	66 kg	В	В		
0.10 m ³	550 mm	600 mm	4	70 kg	В	С		
Arm crowd fo	rce				17.2 kN	14,7 kN		
Bucket diggin	g force				27.5 kN	27.5 kN		

LIFTING CAPACITIES

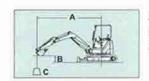
Notes: 1. Ratings are based on SAE J1097.

- 2. Lifting capacity of the AX Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.

 3. The load point is a hook (not standard equipment) located on the back of the bucket.

 4. "Indicates load limited by hydraulic capacity.

- 5. 0 m = Ground.



A: Load radius

B: Load point height

C: Lifting capacity

AX27u-5F Canopy Version, Blade above Ground



H	Rating	over-front	
. ,			

Unit: 1,000 kg

Conditions	Load			Load radius						At max, reach		
	point	1.0	m	2.0	0 m	3.	0 m	4.0) m	1	At max. reac	n
	height	0	ů	(C)-	ď	(D)-	ů	0	ľ	(D)0	ď	meter
Arm 1.17 m Rubber shoes 300 mm	3.0 m		-87		257	0.49	*0.54			0.30	0.34	3.98
	2.0 m					0.48	0.54	0.29	0.33	0.24	0.28	4.40
Robber shoes 300 min	1.0 m					0.44	0.51	0.28	0.32	0.23	0.26	4.48
	0 (Ground)					0.42	0.48	0.27	0.31	0.25	0.28	4.22
	-1.0 m	*1.58	1.58	0.79	0.94	0.41	0.48	0.654976.0	Tara Anna	0.33	0.38	3.53
	-2.0 m			0.83	*0.91							1

Conditions Arm 1.17 m Rubber shoes 300 mm Additional counterweight 190 kg	Load	Load radius								At max. reach		
	point		m	2.0) m	3.	0 m	4.0	m		At max. reac	11
	Constitution of	height	(D)-	ů	(D)	ď	(C)-	ri	0	ů	(D)0	Ů
ANTHY DENIES	3.0 m				1.00	*0.54	'0.54		7.770	0.36	*0.40	3.98
	2.0 m					0.56	0.64	0.35	0.39	0.29	0.34	4.40
	1.0 m					0.53	0.60	0.34	0.38	0.28	0.32	4.48
Additional counterweight 190 kg	0 (Ground)					0.50	0.58	0.33	0.37	0.30	0.35	4.22
~ ~	-1.0 m	*1.58	*1.58	0.94	1.11	0.50	0.57	747.000	1750900	0.40	0.46	3.53
	-2.0 m		- 1000	*0.91	*0.91	210.2	17/55			77.50	-1000	20330

AX27u-5F Canopy Version, Blade on Ground

	Load	Load radius								At max, reach		
Conditions	point) m	2.0) m	3,	0 m	4.0) m	1	At max. reac	a.
o o namento	height	(C)-	r ² 1	(D)	ı'n	0	rh	0	ů	(C)	ů	meter
Arm 1,17 m	3.0 m		-			0.49	*0.54	-		0.30	*0.40	3.98
Rubber shoes 300 mm	2.0 m					0.48	*0.65	0.29	*0.65	0.24	*0.39	4.40
Rubber snoes 300 mm	1.0 m					0.44	*0.98	0.28	*0.73	0.23	*0.41	4.48
	0 (Ground)					0.42	*1.19	0.27	*0.79	0.25	'0.49	4.22
	-1.0 m	*1.58	*1.58	0.79	*1.65	0.41	*1.11	14372450		0.33	*0.70	3.53
	-2.0 m		-	0.83	*0.91		1000					

Conditions	Load	Load radius								At max, reach		
	point	1.0 m		2.0 m		3.0 m		4.0 m		At max, reach		
	height	(D)	Ů	0	ů	(D)-	ů	0	ů	0	Ů	meter
Arm 1.17 m	3.0 m		124-1		1.47	*0.54	*0.54		(100)	0.36	*0.40	3.98
Rubber shoes 300 mm	2.0 m					0.56	*0.65	0.35	*0.65	0.29	*0.39	4.40
SOUTH THE REAL PRINCIPLE AND ADDRESS OF THE PERSON OF THE	1.0 m					0.53	*0.98	0.34	*0.73	0.28	*0.41	4.48
Additional counterweight 190 kg	0 (Ground)					0.50	*1.19	0.33	*0.79	0.30	*0.49	4.22
	-1.0 m	*1.58	*1.58	0.94	*1.65	0.50	*1.11			0.40	*0.70	3.53
	-2.0 m		1710507	*0.91	*0.91					10498		12000

SPECIFICATIONS AX30u/35u-5F

 Bore and stroke
 88 mm x 90 mm

 Electric system
 12 V

 Voltage
 12 V

 Batteries
 55 Ah

 Alternator
 55 A

 Starter motor
 2.3 kW

HYDRAULIC SYSTEM

Main pumps	2 variable displacement axial piston pumps
	1 gear pump
Maximum oil flow	2 x 38.4 L/min
	1 gear pump
	10.8 L/min

Hydraulic Motors

Iravel	2 variable displacemen	t axial	piston motors
Swing		1 axia	al piston motor

Relief Valve Settings

Implement circuit	24.5 MPa (250 kgf/cm²)
Travel circuit	24.5 MPa (250 kgf/cm²)
Pilot circuit	3.9 MPa (40 kgf/cm²)
Auxiliary circuit	24.5 MPa (250 kgf/cm²)

Hydraulic Cylinders

High-strength piston rods and tubes. Cylinder cushion mechanisms provided in boom and arm cylinder to absorb shock at stroke ends.

Dimensions

	Quantity	Bore	Rod diameter	Stroke
Boom	1	80 mm	45 mm	579 mm
	1	85 mm	50 mm	576 mm
Arm	1	70 mm	40 mm	546 mm
	1	75 mm	45 mm	597 mm
Bucket	1	65 mm	40 mm	435 mm
	1	65 mm	40 mm	435 mm
Blade	1	85 mm	45 mm	135 mm
	11	95 mm	45 mm	140 mm
Boom swing	1	85 mm	45 mm	525 mm
	1	85 mm	45 mm	525 mm

Figure in _____ are data on the AX30u-5F Figure in _____ are data on the AX35u-5F

CONTROLS

Hydraulic pilot control levers for all operations.

UPPERSTRUCTURE

Revolving Frame

Welded sturdy box construction, using heavy-gauge steel plates for ruggedness. D-section frame for resistance to deformation.

Swing Device

Axial piston motor with planetary reduction gear is lubricated by hydraulic oil. Swing circle is single-row, shear-type ball bearing with inductionhardened internal gear. Internal gear and pinion gear are immersed in lubricant. Swing parking brake is spring-set/hydraulic-released disc type.

 Swing speed
 9.0 min⁻¹ (rpm)

 Swing torque
 5.47 kN·m (558 kgf·m)

Operator's Cab

Independent spacious cab, 960mm wide by 1,520mm high, conforming to ISO* Standards. Reinforced glass windows on 4 sides for visibility. Front windows (upper and lower) can be opened. Reclining seat.

* International Standardization Organization

UNDERCARRIAGE

Tracks

Tractor-type undercarriage. Welded track frame using selected materials. Side frame welded to track frame.

Numbers of Rollers and Shoes on Each Side

Upper rollers	1
Lower rollers	4

Travel Device

Each track driven by 2-speed axial piston motor through planetary reduction gear for counterrotation of the tracks. Sprockets are replaceable.

Parking brake is spring-set/hydraulic-released disc type.

Travel speeds	High: 0 to 4.4 km/h
	Low: 0 to 2.9 km/h
Maximum traction force	27 kN (2,750 kgf)
Gradeability 5	58 % (30 degree) continuous

WEIGHTS AND GROUND PRESSURE

AX30u-5F Equipped with 2.28m boom, 1.17m arm and 0.09m^a bucket (ISO heaped). AX35u-5F Equipped with 2.47m boom, 1.32m arm and 0.11m^a bucket (ISO heaped).

	AX30	u-5F	AX35u-5F			
	Operating weight	Ground pressure	Operating weight	Ground		
4-Pillars Canopy ve	ersion					
300 mm rubber shoes	3,080 kg	28 kPa	3,520 kg	32 kPa		
300 mm steel shoes	3,190 kg	28 kPa	3,630 kg	33 kPa		
Cabin version						
300 mm rubber shoes	3,250 kg	29 kPa	3,690 kg	33 kPa		
300 mm steel shoes	3,360 kg	30 kPa	3,800 kg	34 kPa		

^{*}AX30u-5F Operating weight with 0.09m bucket if fully serviced +80kg operator ISO 6016.

SERVICE REFILL CAPACITIES

Fuel tank	40.0 L
Engine coolant	5.0 L
Engine oil	7.2 L
Travel device (each side)	0.6 L
Hydraulic system	56.0 L
Hydraulic oil tank	32.0 L

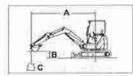
FRONT ATTACHMENTS

ISO 7451capacity	W	G2 0		Front Attachment					
	Without	No. of teeth	Weight	AX30	AX30u-5F		iu-5F		
	side cutters	With side cutters	teeth	-	1.17m arm	1.52m arm	1.32m arm	1.72m arm	
0.04 m³	250 mm	300 mm	3	55 kg	A	Α	A	A	
0.055 m ³	300 mm	350 mm	3	60 kg	A	Α	Α	Α	
0.065 m ³	350 mm	400 mm	3	65 kg	A	A	Α	Α	
0.08 m ³	400 mm	450 mm	3	67 kg	A	Α	A	А	
0.09 m ³	450 mm	500 mm	4	73 kg	Α	A	A	A	
0.10 m ³	500 mm	550 mm	4	76 kg	A	В	Α	Α	
0.11 m³	550 mm	600 mm	4	80 kg	В	С	Α	В	
0.13 m ³	600 mm	650 mm	4	84 kg	С	С	В	С	
Arm crowd fo	rce				17.2kN	14.7kN	19.1kN	17.2kN	
Bucket diggin	g force				27.5kN	27.5kN	27.5kN	27.5kN	

^{*}AX35u-5F Operating weight with 0.11m¹ bucket if fully serviced +80kg operator ISO 6016.

LIFTING CAPACITIES

- Notes: 1. Ratings are based on SAE J1097.
 - Lifting capacity of the AX Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
 - 3. The load point is a hook (not standard equipment) located on the back of the bucket.
 - 4. *Indicates load limited by hydraulic capacity.
 - 5.0 m = Ground.

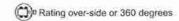


A: Load radius

B. Load point height

C: Lifting capacity

AX30u-5F Canopy Version, Blade above Ground



Rating over-front	ď	Rating	over-front
-------------------	---	--------	------------

Unit: 1.000 kg

Conditions	Load	Load radius								At max, reach		
	point	1.0	0 m	2.0	0 m	3.0	m	4.0	m		At max. reach	
	height	0	Ů	(C)·	ď	(C)=	ů	(C)-	ů	(C)-	Ů	meter
Arm 1.17 m Rubber shoes 300 mm	3.0 m									0.31	0.41	4.21
	2.0 m					0.55	0.71	0.33	0.43	0.26	0.34	4.61
	1.0 m					0.50	0.66	0.32	0.42	0.24	0.32	4.68
	0 (Ground)					0.48	0.63	0.31	0.40	0.26	0.34	4.44
	-1.0 m	*1.61	*1.61	0.91	1.26	0.47	0.63			0.34	0.45	3.79
	-2.0 m			0.94	*1.18					2.00		

	Load	Load radius									At max, reach		
Conditions	point	1.0 m		2.0 m		3.0	m C	4.0) m		At max. reach		
	height	(C)-	ů	(C)-0	ť	(C)=0	Ů	(C)-	ů	(C)-	Ů	meter	
Arm 1.17 m	3.0 m									0.37	0.47	4.21	
	2.0 m					0.64	0.81	0.39	0.50	0.31	0.40	4.61	
Rubber shoes 300 mm	1.0 m					0.59	0.77	0.39	0.49	0.29	0.38	4.68	
Additional counterweight 190 kg	0 (Ground)					0.56	0.73	0.37	0.47	0.31	0.41	4.44	
	-1.0 m	*1.61	*1.61	1.06	1,45	0.56	0.73			0.40	0.52	3.79	
	-2.0 m		10000	1.09	*1,18	24.0000						1 2000	

AX30u-5F Canopy Version, Blade on Ground

	Lond				Load	radius				At max, reach		
Conditions	noint	1.0	1.0 m 2.0 m		0 m	3.0 m		4.0) m	At max, read		
height	Load point height	0	ů	(C)-0	ů	(C)-	ů	-	ů	(C)-	Ů	meter
Arm 1.17 m	3.0 m		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							0.31	*0.53	4.21
	2.0 m					0.55	*0.83	0.33	*0.76	0.26	*0.52	4.61
Rubber shoes 300 mm	1.0 m					0.50	*1.18	0.32	*0.85	0.24	*0.56	4.68
	0 (Ground)					0.48	*1.38	0.31	*0.92	0.26	*0.66	4.44
-1.0 m	-1.0 m	*1.61	*1.61	0.91	*2.07	0.47	*1.29			0.34	*0.76	3.79
	-2.0 m			0.94	*1.18							

	Load	Load radius								At max, reach			
Conditions	point	1.0 m		2.0	2 m	3.	0 m	4.0) m	Millian Teac		812	
Conditions	height	(C)-0	l ⁴ 1	(C)-	Ů	(C)-	ľ	0	ů	(C)=	Ů	meter	
Arm 1.17 m	3.0 m		ATT.	1,750					7,000	0.37	"0.53	4.21	
	2.0 m					0.64	*0.83	0.39	*0.76	0.31	*0.52	4.61	
Rubber shoes 300 mm	1.0 m					0.59	*1.18	0.38	*0.85	0.29	*0.56	4.68	
Additional counterweight 190 kg	0 (Ground)					0.56	*1.38	0.37	*0.92	0.31	*0.66	4.44	
	-1.0 m	*1.61	*1.61	1.06	*2.07	0.56	*1.29			0.40	*0.76	3.79	
	-2.0 m			1.09	*1.18			=====					

AX35u-5F Canopy Version, Blade above Ground, 1.32m Arm

	Load	Load radius								At max, reach			
Conditions point height	point	1.0 m		2.0 m		3.0) m	4.0) m		Fix IIIdas I Gudi		
	height	(C)=0	Ů	(C)-	Ů	0	ľ	(C)=0	Ů	0	Ů	meter	
Arm 1.32 m	3.0 m							0.48	0.49	0.38	0.39	4.58	
	2.0 m					0.76	0.80	0.47	0.49	0.32	0.33	4.94	
Rubber shoes 300 mm	1.0 m					0.70	0.74	0.45	0.47	0.31	0.32	5.00	
	0 (Ground)					0.66	0.70	0.43	0.45	0.33	0.34	4,78	
-1.0 m	-1.0 m	*1.58	*1.58	1.29	1.39	0.66	0.69	0.42	0.44	0.40	0.42	4.22	
	-2.0 m			1.32	1.42	0.68	0.71						

	Load				Load	radius					At max, read	ń
Conditions	point	1.0	1.0 m		2.0 m		0 m	4.0) m		Millax, reac	(-1)
	height	0	ľ	(C)	rh	(D)-	ri .	©	ů	(C)n	ů	meter
Arm 1.32 m	3.0 m							0.56	0.59	0.45	0.47	4.58
	2.0 m					*0.86	*0.86	0.55	0.58	0.39	0.41	4.94
Rubber shoes 300 mm	1.0 m					0.83	0.87	0.53	0.56	0.37	0.39	5.00
Additional counterweight 230 kg	0 (Ground)					0.79	0.83	0.51	0.54	0.40	0.41	4.78
	-1.0 m	*1.58	*1.58	1.51	1.64	0.78	0.82	0.51	0.53	0.48	0.50	4.22
	-2.0 m	1120.00		1.55	1.67	0.80	0.84				1	

AX35u-5F Canopy Version, Blade on Ground, 1.32m Arm

	Load	Load radius								At max, reach		
Conditions	point			2.0 m		3.	0 m	4.0) m		M Miss. read	
	height	(C)-	ů	(C)-0	ů	0	ů	(D)o	ů	0	ů	meter
Arm 1.32 m	3.0 m							0.48	*0.71	0.38	*0.52	4.58
	2.0 m					0.76	*0.86	0.47	*0.77	0.32	*0.52	4.94
Rubber shoes 300 mm	1.0 m					0.70	*1.29	0.45	*0.91	0.31	*0.55	5.00
	0 (Ground)					0.66	*1.54	0.43	*1.02	0.33	*0.64	4,78
	-1.0 m	*1.58	11.58	1.29	*2.37	0.66	*1.49	0.42	*0.98	0.40	*0.81	4.22
	-2.0 m			1.32	*1.73	0.68	*1.10					

Conditions	Load	Load radius								At max, reach		
	point	1.0) m	2.0	0 m	3.	0 m	4.0	0 m		At max, reach	
	height	0	ď	0	ů	0	l'i	0	ů	(C)==	Ů	meter
Arm 1.32 m	3.0 m			1				0.56	*0.71	0.45	*0.52	4.58
	2.0 m					*0.86	*0.86	0.55	*0.77	0.39	*0.52	4.94
Rubber shoes 300 mm	1.0 m					0.83	*1.29	0.53	*0.91	0.37	*0.55	5.00
Additional counterweight 230 kg	0 (Ground)					0.79	*1.54	0.51	*1.02	0.40	*0.64	4.78
	-1.0 m	*1.58	*1.58	1.51	*2.37	0.78	*1.49	0.51	*0.98	0.48	*0.81	4.22
	-2.0 m			1.55	*1.73	0.80	*1.10					

SPECIFICATIONS

AX40u/50u-5F

ENGINE	
Model	Yanmar 4TNV88
Туре	4-cycle water-cooled, direct injection
No. of cylinders	
Rated power	
ISO 9249, net	28.4 kW (38.1 HP) at 2 400 min 1 (rpm)
EEC 80/1269, net	
SAE J1349, net	28.4 kW (38.1 HP) at 2 400 min ' (rpm)
DIN 6271, net	28.2 kW (37.8 HP) at 2 400 min ⁻¹ (rpm)
Gross	ran Pundunut San (T.), (1) 일본 경기 경영 경영 (1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Maximum torque	141 Nm (14.4 kgf m) at 1 100 min ⁻¹ (rpm)
Piston displacement	2.189 L
Bore and stroke	88 mm x 90 mm
Electric system	
Voltage	12 V
Alternator	55 A

HYDRAULIC SYSTEM

Main pumps	1 variable displacement axial	piston pumps
Maximum oil flow		1 x 120 L/min
Pilot pump	125-21-246-2917-2217-2217-2217-2217-2217-2217-2217	1 gear pump

Starter motor 2.3 kW

Hydraulic Motors

Travel	2 variable displacemen	t axial	piston mo	tors
Swing		1 axia	al piston m	otor

Relief Valve Settings

Implement circuit	24.5 MPa (250 kgf/cm²)
Swing circuit	18.1 MPa (185 kgf/cm²)
Travel circuit	
Pilot circuit	. 5.9 MPa (60.2 kgf/cm²)
Auxiliary circuit	24.5 MPa (250 kgf/cm²)

Hydraulic Cylinders

High-strength piston rods and tubes. Cylinder cushion mechanisms provided in boom and arm cylinder to absorb shock at stroke ends.

Dimensions

	Quantity	Bore	Rod diameter	Stroke
Boom	1	90 mm	55 mm	702 mm
	1	95 mm	55 mm	702 mm
Arm	1	80 mm	50 mm	698 mm
	1	80 mm	50 mm	731 mm
Bucket	1	70 mm	40 mm	551 mm
	1	75 mm	45 mm	551 mm
Blade	1	105 mm	50 mm	140 mm
	1	105 mm	50 mm	140 mm
Boom swing	1	90 mm	50 mm	140 mm
	-1	90 mm	50 mm	664 mm

Figure in are data on the AX40u-5F Figure in are data on the AX50u-5F

CONTROLS

Hydraulic pilot control levers for all operations.

UPPERSTRUCTURE

Revolving Frame

Welded sturdy box construction, using heavy-gauge steel plates for ruggedness. D-section frame for resistance to deformation.

Swing Device

Axial piston motor with planetary reduction gear is lubricated by hydraulic oil. Swing circle is single-row, shear-type ball bearing with inductionhardened internal gear. Internal gear and pinion gear are immersed in lubricant. Swing parking brake is spring-set/hydraulic-released disc type.

 Swing speed
 9.0 min⁻¹ (rpm)

 Swing torque
 8.92 kN·m (910 kgf·m)

Operator's Cab

Independent spacious cab, 960mm wide by 1,520mm high, conforming to ISO* Standards. Reinforced glass windows on 4 sides for visibility. Front windows (upper and lower) can be opened. Reclining seat.

* International Standardization Organization

UNDERCARRIAGE

Tracks

Tractor-type undercarriage. Welded track frame using selected materials. Side frame welded to track frame.

Numbers of Rollers and Shoes on Each Side

Upper rollers	1	
Lower rollers	4	

Travel Device

Each track driven by 2-speed axial piston motor through planetary reduction gear for counterrotation of the tracks. Sprockets are replaceable.

Parking brake is spring-set/hydraulic-released disc type.

Travel speeds	High: 0 to 4.2 km/h
	Low: 0 to 2.7 km/h
Maximum traction force	38.3 kN (3,905 kgf)
Gradeability	58 % (30 degree) continuous

WEIGHTS AND GROUND PRESSURE

AX40u-5F Equipped with 2.68 m boom, 1.38 m arm and 0.14 m³ bucket (ISO heaped). AX50u-5F Equipped with 2.85m boom, 1.38m arm and 0.16m³ bucket (ISO heaped).

	AX40	u-5F	AX50	u-5F	
	Operating weight	Ground pressure	Operating weight	Ground	
4-Pillars Canopy ve	ersion				
400 mm rubber shoes	4,570 kg	26 kPa	4,900(5,180) kg	28(29) kPa	
400 mm steel shoes	4,640 kg	26 kPa	4,970(5,250) kg	28(29) kPa	
Cabin version					
400 mm rubber shoes	4,730 kg	27 kPa	5,060(5,340) kg	29(30) kPa	
400 mm steel shoes	4,800 kg	27 kPa	5,130(5,410) kg	29(30) kPa	

^{*} AX40u-5F Operating weight with 0.14m' bucket if fully serviced +80kg operator ISO 6016.

SERVICE REFILL CAPACITIES

Fuel tank	70.0 L
Engine coolant	
Engine oil	8.6 L
Travel device (each side)	
Hydraulic system	77.0 L
Hydraulic oil tank	50.0 L

FRONT ATTACHMENTS

BACKHOE BUCKETS

100 7454	W	idth		Weight	Front Attachment						
ISO 7451 _ capacity	Without	With	No. of teeth		AX40	AX40u-5F		u-5F			
dupadity	side cutters	side cutters	teetii		1.38m arm	1.69m arm	1.38m arm	1.69m arm			
0.10 m ^a	400 mm	450 mm	3	92 kg	Α	Α	Α	Α			
0.11 m ³	450 mm	500 mm	3	96 kg	A	A	A	A			
0.13 m ³	500 mm	550 mm	4	104 kg	A	A	A	Α			
0.14 m³	550 mm	600 mm	4	109 kg	A	С	A	Α			
0.16 m ³	600 mm	650 mm	4	113 kg	С	С	Α	В			
0.17 m ³	650 mm	700 mm	4	120 kg	С	С	В	С			
Arm crowd fo	rce				24.0kN	21.0kN	24.0kN	21.0kN			
Bucket diggir	g force				32.1kN	32.1kN	36.8kN	36.8kN			

^{*}AX50u-5F Operating weight with 0.16m³ bucket if fully serviced +80kg operator ISO 6016.
The figure in () shows the machine equipped with long arm and add. counterweight.

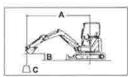
LIFTING CAPACITIES

- Notes: 1. Ratings are based on SAE J1097.
 - 2. Lifting capacity of the AX Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.

 3. The load point is a hook (not standard equipment) located on the back of the bucket.

 4. *Indicates load limited by hydraulic capacity.

 - 5. 0 m = Ground.



A: Load radius

B: Load point height

C: Lifting capacity

AX40u-5F	Canopy Version,	Blade above	Ground,	1.38m Arm
A DESCRIPTION OF THE PROPERTY		many and an arrival arrival arrival	The second secon	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

(
(C)+)a	Rating	over-side	OF	360	degrees
-					

ı,	Rating	over-front
	remis	OVOL HOLL

Unit: 1,000 kg

	Load				At max, reach								
Conditions	point	2.0 m		3.0 m		4.0	4.0 m		5.0 m		At max. reach		
	height	(C)-0	ů	(C)-0	ů	0	Ů	(C)=	ů	(C)	Ů	meter	
Arm 1.38 m Rubber shoes 400 mm	4.0 m									0.52	0.65	4.56	
	3.0 m					0.65	0.80			0.40	0.50	5.20	
Rubber snoes 400 mm	2.0 m			1.01	1.27	0.62	0.77	0.41	0.51	0.34	0.44	5.49	
	1.0 m			0.90	1.15	0.58	0.73	0.39	0.50	0.33	0.42	5.51	
	0 (Ground)			0.85	1.10	0.55	0.70	0.38	0.49	0.35	0.45	5.26	
	-1.0 m	1.75	2.39	0.85	1.10	0.54	0.69			0.43	0.55	4.69	
	-2.0 m	1.80	*1,91	0.88	1.13								

	Load	Load radius									At max, reach		
Conditions	Load point height	2.	0 m	3.	0 m	4.0	0 m	5.0) m	1	At max read	4	
		(C)v	Ů	(C)·	Ů	(C)=	Ů	(C)×	ů	(D):	Ů	meter	
Arm 1.38 m	4.0 m				,,,,		2781			0.60	*0.68	4.56	
Rubber shoes 400 mm	3.0 m					0.74	*0.89			0.46	0.57	5.20	
	2.0 m			1,14	1.34	0.71	0.88	0.48	0.59	0.41	0.51	5.49	
Additional counterweight 220 kg	1.0 m			1.03	1.31	0.67	0.83	0.46	0.58	0.39	0.49	5.51	
· · · · · · · · · · · · · · · · · · ·	0 (Ground)			0.99	1.26	0.64	0.80	0.45	0.56	0.42	0.53	5.26	
	-1.0 m	1.99	*2.47	0.99	1.26	0.63	0.79		20000	0.51	0.64	4.69	
	-2.0 m	*1.91	*1.91	1.01	1.29								

AX40u-5F Canopy Version, Blade on Ground, 1,38m Arm

Conditions	Load -	Load radius									At max, reach			
	point.	2.	0 m		0 m	4.0	4.0 m) m	At the At Teach				
	height	(C)-	Ů	(D)=	ů	(C):	Ů	(C)v	Ů	(C)-0	Ů	meter		
Arm 1.38 m	4.0 m		11.00							0.52	*0.68	4,56		
Rubber shoes 400 mm	3.0 m					0.65	*0.89			0.40	*0.65	5.20		
Rubbet snoes 400 mm	2.0 m			1.01	*1,34	0.62	*1.04	0.41	*0.93	0.34	*0.66	5.49		
	1.0 m	===		0.90	*2.00	0.58	*1.26	0.39	*0.99	0.33	*0.71	5.51		
	0 (Ground)			0.85	*2.16	0.55	*1.39	0.38	*1.01	0.35	*0.82	5.26		
	-1.0 m	1.75	*2.47	0.85	*1.95	0.54	*1.32	100,000		0.43	*0.88	4.69		
	-2.0 m	1.80	11.91	0.88	*1.41	D. 6.4	1.130			31200				

Conditions	Load	Load radius									At max, reach		
	point	2.	0 m	3.	0 m	4.0 m		5.0 m		At IIIda, Igacii			
	height	0	Ů	(C)	ů	0	ů	(D)	Ů	0	ů	meler	
Arm 1.38 m	4.0 m									0.60	*0.68	4.56	
Rubber shoes 400 mm	3.0 m					0.74	*0.89			0.46	*0.65	5.20	
	2.0 m			1.14	*1.34	0.71	*1.04	0.48	*0.93	0.41	*0.66	5.49	
Additional counterweight 220 kg	1.0 m			1.03	*2.00	0.67	*1.26	0.46	*0.99	0.39	*0.71	5.51	
	0 (Ground)			0.99	*2,16	0.64	*1.39	0.45	*1.01	0.42	*0.82	5.26	
	-1.0 m	1.99	*2.47	0.99	*1.95	0.63	1.32			0.51	*0.88	4.69	
	-2.0 m	*1.91	1.91	1.01	*1.41	- Sourani	1200			V3-200	T. WOLFEL		

AX50u-5F Canopy Version, Blade above Ground, 1.38m Arm

	Load point height			At max, reach								
Conditions		2.0 m		3.0 m		4.0 m		5.0 m		At max reach		
		(C)	Ů	(C)	ů	0	Ů	(C)-0	ů	(D)=	Ů	meter
Arm 1.38 m	4.0 m					0.79	*0.80			*0.56	*0.56	4.82
Rubber shoes 400 mm	3.0 m					0.79	*0.93			0.46	*0.53	5.42
Rubber shoes 400 mm	2.0 m			1.20	1.45	0.75	0.90	0.51	0.61	0.41	0.49	5.69
	1.0 m					0.71	0.85	0.49	0.59	0.39	0.47	5.71
	0 (Ground)			1.05	1.28	0.68	0.82	0.48	0.58	0.42	0.50	5.48
	-1.0 m	*2.04	*2.04	1.05	1.29	0.67	0.81			0.50	0.60	4.94
	-2.0 m	2.19	*2.43	1.07	1.31	0.68	0.83					

Conditions	Load point height			At max, reach								
		2.0 m		3.0 m		4.0 m		5,0 m		Ar max, reach		
- Damanie Ver		(C)=	Ů	0	Ů	0	ů	(C)-	Ů	0	Ů	meter
Arm 1.38 m	4.0 m					.0.80	*0.80			*0.56	*0.56	4.82
Rubber shoes 400 mm	3.0 m					0.88	*0.93			0.52	*0.53	5.42
	2.0 m		III	1.34	*1.52	0.85	1.00	0.58	0.69	0.47	*0.54	5.69
Additional counterweight 220 kg	1.0 m					0.80	0.95	0.56	0.67	0.45	0.54	5.71
	0 (Ground)			1.18	1.44	0.77	0.92	0.55	0.65	0.48	0.57	5.48
	-1.0 m	*2.04	*2.04	1.18	1.45	0.76	0.91			0.57	0.68	4.94
	-2.0 m	2.43	*2.43	1.21	1.47	0.78	0.93					

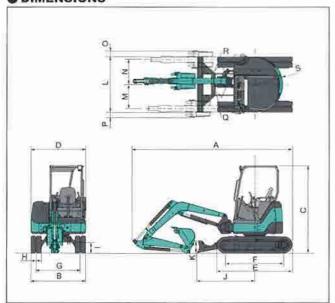
AX50u-5F Canopy Version, Blade on Ground, 1.38m Arm

	Load	Load radius									At max, reach			
Conditions	point height	2.0 m		3.0 m		4.0 m		5.0 m		At max. reach				
		0	Ů	(C)	ď	(D)-	Ů	(C)-	ů	0	Ů	meter		
Arm 1.38 m	4.0 m					0.79	.0.80			*0.56	*0.56	4.82		
Rubber shoes 400 mm	3.0 m					0.79	*0.93			0.48	*0.53	5.42		
Rubbet snoes 400 mm	2.0 m			1.20	*1.52	0.75	1.13	0.51	*1.00	0.41	*0.54	5.69		
	1.0 m					0.71	1.40	0.49	*1.09	0.39	*0.58	5,71		
	0 (Ground)			1.05	12.42	0.68	*1.56	0.48	*1.14	0.42	*0.66	5.48		
	-1.0 m	*2.04	*2.04	1.05	*2.22	0.67	1.52			0.50	*0.82	4.94		
	-2.0 m	2.19	*2.43	1,07	*1.74	0.68	1.17							

Conditions	Load			At max, reach								
	point	2.0 m		3.0 m		4.0 m		5.0 m		At max reach		
	height	(D)	Ů	(D)	Ů	(D)	Ů	(C)==	ů	0	ů	meter
Arm 1.38 m	4.0 m					*0.80	.0.80			*0.56	*0.56	4.82
Rubber shoes 400 mm	3.0 m					0.88	.0.93			0.52	*0.53	5.42
	2.0 m			1,34	*1.52	0.85	*1_13	0.58	*1.00	0.47	*0.54	5.69
Additional counterweight 220 kg	1.0 m					0.80	*1.40	0.56	*1.09	0.45	*0.58	5.71
	0 (Ground)			1.18	12.42	0.77	*1.56	0.55	*1.14	0.48	*0.66	5.48
	-1.0 m	*2.04	*2.04	1.18	*2.22	0.76	*1.52			0.57	*0.82	4.94
	-2.0 m	*2.43	*2.43	1.21	*1.74	0.78	1.17					

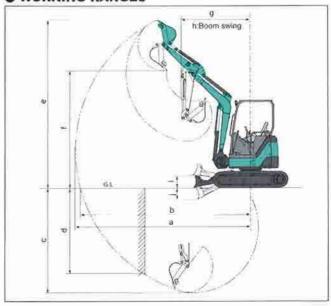
DIMENSIONS & WORKING RANGES

DIMENSIONS



Note: The illustration shows the AX30u-5F canopy version equipped with 1.17m arm and 300mm rubber shoes.

WORKING RANGES



Note: The illustration shows the AX30u-5F canopy version equipped with 0.09m³ bucket, 1.52m arm and 300mm rubber shoes.

A DIMENSIONS & WORKING PANCES

Unit: mm

Item Model		AX2	7u-5F	AX30	0u-5F	AX3!	5и-5F	AX40u-5F		AX50u-5F			
Sh	oe type												
Ro	of type		Canopy	Cabin	Canopy	Cabin	Canopy	Cabin	Canopy	Cabin	Canopy	Cabin	
	A: Max. transport length (with long arm)	mm	4,200(4,280)		4,450(4,560)		4,650(4,780)		5,340(5,380)		5,460(5,520)		
	B: Undercarriage width	mm	1,	1,550		1,550		1,740		1,990		000	
	C: Overall height	mm	2,460	2,500	2,460	2,500	2,460	2,500	2,510	2,550	2,510	2,550	
	D: Upper structure width	mm	1,	550	1,5	550	1,	550	1,9	960	1.0	850	
	E: Undercarriage length	mm	10	1,950		2,100		100	2,5	500	2,500		
	F: Sprocket center to ider center	mm	17.	1,490		1,650		1,650		1,990		990	
	G: Distance between undercarriage center	mm	1,3	1,250		1,250		1,440		1,560		600	
DIMENSIC	H; Track shoe width	mm	3	300		300		300		400		400	
	I: Min. ground clearance	mm	3	320		280		280		340		340	
	J: Parallel blade distance	mm	1,530		1,610		1,610		1,720		1,720		
	K: Blade height	mm	3	320		355		355		360		60	
	L: Blade width	mm	1.3	1,550		1,550		1,740		1,960		000	
	M: Left offset distance	mm	6	605		05	6	05	69	95	6	95	
	N: Right offset distance	mm	740	700	740	700	740	700	86	30	8	60	
	O: Right over width	mm	215	175	215	175	215	130	18	30	1	85	
	P: Left over width	mm	8	30	80		35		15		2	20	
	Q: Left max. boom swing angle	deg	72	62	72	62	72	62	8	0		30	
	R: Right max. boom swing angle	deg	6	52	62		62		60		60		
	S: Rear edge swing radius	mm	7	75	775		870		980		1,000		
	a: Max. digging reach (with long arm)	mm	4,670	(4,920)	4,890(5,170)		5,210(5,520)		5,740(6,030)		5,940(6,240)		
	b: Max. digging reach at ground	mm	4,530	(4.780)	4,760(4,890)		5,080(5,390)		5,590(5,880)		5,800(6,100)		
ES	c: Max. digging depth (with long arm)	mm	2,590((2,890)	2,780(3,130)		3,050(3,450)		3,340(3,650)	3,550(3,860)		
RANGES	d: Max. vertical wall (with long arm)	mm	2,200	(2,390)	2,340(2,540)	2,590	2,800)	2,550(2,900)		2,820	(3,160)	
3.8	e: Max. cutting height (with long arm)	mm	4,450(4.550)	4,280(4,350)	4,620(4,700)	4,430(4,470)	4,870(4,950)	4,710(4,60)	5,600(5,840)	5,480(5,700)	5,760(6,010)	5,630(5,87	
Ž	f: Max. dumping height (with long arm)	mm	Mirror Manager		THE PERSON NAMED IN	1111-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	3,470(3,570)	Dearwood, master	C ISSUE S CONTROL	A			
WORKING	g: Min. swing radius (with long arm)	mm	1,960(2,040)	2,040(2,100)	1,950(2,080)	2,140(2,180)	2,070(2,170)	2,230(2,300)	2,190(2,330)	2,270(2,390)	2,150(2,260)	2,300(2,320	
3	h: Max. boom swing (with long arm)	mm					1,670(1,730)	U		The second second second		To a transport of the	
	1: Blade bottom highest position (above ground)	mm		60	360		370		430		430		
	j; Blade bottom lowest position (under ground)	mm	3	15	32	20	390		335		335		

EQUIPMENT

STANDARD EQUIPMENT

Standard equipment may vary by country, so please consult your AIRMAN dealer for details.

ENGINE

- · Water-separator for engine fuel
- · Radiator reserve tank
- · Electrical fuel feed pump
- · Cartridge-type engine oil filter
- · Fuel filter

HYDRAULIC SYSTEM

- · Hydraulic pilot type control levers
- · Pilot control shut-off lever

with neutral engine start system

- · Swing parking brake
- Travel parking brake
- · Two-speed travel system
- Auto idling system (AX30u~50u)
- Suction filter
- · Full-flow filter
- · Pilot filter
- · Boom anti-drift valve (AX30u~50u)

4-PILLARS CANOPY

- ROPS/OPG canopy
- · Reclining seat
- · Seat belt
- Wrist rests
- Drink holder
- · Electric horn
- · Cigarette lighter (12V outlet)
- · Floor mat
- · Rearview mirror (AX40u/50u)
- Two work lights

UPPERSTRUCTURE

Utility box

UNDERCARRIAGE

- 300mm rubber shoes(AX27u/30u/35u)
- 400mm rubber shoes(AX40u/50u)

FRONT ATTACHMENTS

- · Original bushing
- 1.17m arm(AX27u/30u)
- 1.32m arm(AX35u)
- 1.38m arm(AX35u/40u)

OPTIONAL EQUIPMENT

Optional equipment may vary by country, so please consult your AIRMAN dealer for details.

ENGINE

· Air clearner inner element

HYDRAULIC SYSTEM

- Valve for extra piping
- · 2-way control lever pattern selector valve

CABIN

- ROPS/OPG cab
- · Air conditioner
- AM/FM radio
- · Window washer
- Defroster
- Reclining seat
- · Seat belt
- Wrist rests
- Wiper
- Drink holder
- · Electric horn
- · Cigarette lighter (inside 12V outlet)
- Ashtray
- · Floor mat
- Rearview mirror
- · Two work lights

CABIN OPTIONAL EQUIPMENT

- Suspension seat
- · Retractable seat belt
- Spare power supply (outside 12V outlet)

UPPERSTRUCTURE

- Suspension seat
- · Retractable seat belt
- Rearview mirror(AX27u~35u for canopy)
- Accumulator
- · Additional counterweight
- Theft deterrent system
- AFL(AUX Function lever)
- · Auxiliary overload relief valve
- Travel motion alarm device
- · Protective mesh screen for radiator and oil cooler

UNDERCARRIAGE

- Grouser shoes
- Pad crawler shoes

FRONT ATTACHMENTS

- Auxiliary piping
- · Long arm
- · Backhoe buckets(refer to specification page)