SAFETY

- Operate safely in accordance with proper operation manual.
- To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.

AIRMAN

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DISTRIBUTOR

HOKUETSU INDUSTRIES CO., LTD.
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.

**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 excavator’s inner parts such as the swing motor, engine starter motor, control valve and other key components to reduce valuable inspection and maintenance time.

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

**Reinforced Angle-Steel type Boom Cylinder Guard**
The boom cylinder guard is reinforced as it is now constructed from angle steel to prevent damages to the boom cylinder.

**Reinforced Boom End**
The boom end is made out of high tensile steel to reduce wearing of the pin that holds the arm.

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

**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.
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.

**New-Structure Rubber Crawler**
- The blade is designed as a box construction to improve strength and reliability of the blade.
- The flat-bottom bucket has wide wear plates welded to the bucket bottom to increase the durability.
- The bucket is designed with 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
- Reinforced D-shaped frame to protect the machine against damages and shocks.

**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.

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

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

**Durable Flat-Bottom Bucket**
- The flat-bottom bucket has wide wear plates welded to the bucket bottom to increase the durability.

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

**Powerful High Displacement Engine**
- New-generation ECO-powered engine with more power and higher efficiency.

**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.

**Smooth and Speedy Combined Operation of Functions**
- The matching between the 3 hydraulic pumps system on the AX27u / 30u and 35u and the arm recovery circuit is improved.
- On the AX40u and 50u, the matching between the original hydraulic circuit (AHCS) and the arm recovery circuit is also improved.

**Hydraulic 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.

**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)

**Easy Operation / Ecological Atmosphere**
- Increased swing speed and travel pulling force to allow more efficient operation.
- The engine speed is automatically lowered to idling speed when the load increases due to steering and it is automatically resumed when the load decreases again.

**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.

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

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.

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.

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
Seat backrest box

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
LIFTING CAPACITIES

**AX27u-5F**

![Rated power](image)

<table>
<thead>
<tr>
<th>Condition</th>
<th>Load point</th>
<th>Load point</th>
<th>Load point</th>
<th>Load point</th>
<th>Load point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amupil 1.17 m</td>
<td>Rubber shoes 360 mm</td>
<td>Rubber shoes 360 mm</td>
<td>Rubber shoes 360 mm</td>
<td>Rubber shoes 360 mm</td>
<td>Rubber shoes 360 mm</td>
</tr>
<tr>
<td>Arm point</td>
<td>Blade point</td>
<td>Arm point</td>
<td>Blade point</td>
<td>Arm point</td>
<td>Blade point</td>
</tr>
<tr>
<td>1.0 m</td>
<td>1.0 m</td>
<td>2.0 m</td>
<td>2.0 m</td>
<td>3.0 m</td>
<td>3.0 m</td>
</tr>
<tr>
<td>Height</td>
<td>1.0 m</td>
<td>2.0 m</td>
<td>3.0 m</td>
<td>4.0 m</td>
<td>5.0 m</td>
</tr>
<tr>
<td>Radius</td>
<td>0.5 m</td>
<td>1.0 m</td>
<td>1.5 m</td>
<td>2.0 m</td>
<td>2.5 m</td>
</tr>
<tr>
<td>Load</td>
<td>0.5 metric tons</td>
<td>1.0 metric tons</td>
<td>1.5 metric tons</td>
<td>2.0 metric tons</td>
<td>2.5 metric tons</td>
</tr>
</tbody>
</table>

**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 85% 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.

**FRONT ATTACHMENTS**

**BACKHOE BUCKETS**

<table>
<thead>
<tr>
<th>ISO 7451 capacity</th>
<th>Without side cutters</th>
<th>With side cutters</th>
<th>No. of teeth</th>
<th>Weight</th>
<th>Front Attachment</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.05 m³</td>
<td>300 mm</td>
<td>350 mm</td>
<td>3</td>
<td>53 kg</td>
<td>AX27u-5F 1.17m arm</td>
</tr>
<tr>
<td>0.06 m³</td>
<td>350 mm</td>
<td>400 mm</td>
<td>3</td>
<td>55 kg</td>
<td>AX27u-5F 1.17m arm</td>
</tr>
<tr>
<td>0.07 m³</td>
<td>400 mm</td>
<td>450 mm</td>
<td>3</td>
<td>58 kg</td>
<td>AX27u-5F 1.17m arm</td>
</tr>
<tr>
<td>0.08 m³</td>
<td>450 mm</td>
<td>500 mm</td>
<td>3</td>
<td>61 kg</td>
<td>AX27u-5F 1.17m arm</td>
</tr>
<tr>
<td>0.09 m³</td>
<td>500 mm</td>
<td>550 mm</td>
<td>4</td>
<td>66 kg</td>
<td>AX27u-5F 1.17m arm</td>
</tr>
<tr>
<td>0.10 m³</td>
<td>550 mm</td>
<td>600 mm</td>
<td>4</td>
<td>70 kg</td>
<td>AX27u-5F 1.17m arm</td>
</tr>
<tr>
<td>Arm crown force</td>
<td>15.9 kN</td>
<td></td>
<td></td>
<td>13.9 kN</td>
<td></td>
</tr>
<tr>
<td>Bucket digging force</td>
<td>22.6 kN</td>
<td></td>
<td></td>
<td>22.8 kN</td>
<td></td>
</tr>
</tbody>
</table>

**SERVICE REFILL CAPACITIES**

**FUEL TANK:** 40.0 L
**ENGINE COOLANT:** 5.0 L
**ENGINE OIL:** 7.2 L
**HYDRAULIC SYSTEM:** 56.0 L
**HYDRAULIC OIL TANK:** 32.0 L

---

**UNDERCARRIAGE**

- **Tracks**
  - Tractor-type undercarriage.
  - Welded track frame using selected materials.
  - Each track driven by 2-speed axial piston motor through planetary reduction gear for counterrotation of the tracks.

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

- **Swing Circle**
  - Single-row, shear-type ball bearing with hydraulic oil.

- **Swing Motor**
  - Axial piston motor with planetary reduction gear is lubricated by hydraulic oil. Swing circle is single-row, shear-type ball bearing with hydraulic oil.

---

**HYDRAULIC SYSTEM**

- **Main pumps**
  - 2 variable displacement axial piston pumps
- **Travel...**
  - 1 axial piston motor

- **Relief Valve Settings**
  - Implement circuit: 24.5 MPa (250 kgf/cm²)
  - Swing circuit: 18.6 MPa (190 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.

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**CONTROLS**

- Hydraulic pilot control levers for all operations.

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**ENGINE**

- **Rated power**
  - 3 cylinders
  - 4-cycle water-cooled, direct injection
  - **Model**
    - Yanmar 3TNV88

- **ENGINE**
  - **Alternator**
  - 40 A

---

**PRODUCT SPECIFICATIONS**

<table>
<thead>
<tr>
<th>AX27u-5F</th>
<th>Canopy Version, Blade on Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Weight</strong></td>
<td><strong>Width</strong></td>
</tr>
<tr>
<td>Without side cutters</td>
<td>With side cutters</td>
</tr>
<tr>
<td>0.05 m³</td>
<td>300 mm</td>
</tr>
<tr>
<td>0.06 m³</td>
<td>350 mm</td>
</tr>
<tr>
<td>0.07 m³</td>
<td>400 mm</td>
</tr>
<tr>
<td>0.08 m³</td>
<td>450 mm</td>
</tr>
<tr>
<td>0.09 m³</td>
<td>500 mm</td>
</tr>
<tr>
<td>0.10 m³</td>
<td>550 mm</td>
</tr>
</tbody>
</table>

---

**Notes:**
1. Conditions
2. Dimensions
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.
**SPECIFICATIONS AX30u/35u-5**

**ENGINE**
- Yanmar 4TNV84
- Type: 4-cycle water-cooled, direct injection
- No. of cylinders: 3
- Rated power:
  - ISO 9240, net: 21.3 kW (28.5 HP)
  - EEC 80/1269, net: 21.3 kW (28.5 HP)
  - SAE J1349, net: 21.3 kW (28.5 HP)
  - DIN 6271, net: 21.3 kW (28.5 HP)
- Gears:
  - 22.0 kW (29.5 HP) at 2,400 min⁻¹ (rpm)
- Maximum torque: 106 Nm (10.8 kgf m) at 1,000 min⁻¹ (rpm)
- Piston displacement: 1.642 L
- Maximum speed: 9.0 min⁻¹ (rpm)
- Swing speed: 9.0 min⁻¹ (rpm)
- Gross: 22.0 kW (29.5 HP) at 2,400 min⁻¹ (rpm)
- DIN 6271, net: 21.2 kW (28.4 HP) at 2,400 min⁻¹ (rpm)
- EEC 80/1269, net: 21.3 kW (28.5 HP) at 2,400 min⁻¹ (rpm)

**HYDRAULIC SYSTEM**
- Main pumps: 2 variable displacement axial piston pumps
- Maximum oil flow: 10.8 L/min
- Travel circuit: 24.5 MPa (250 kgf/cm²)
- Swing circuit: 14.8 MPa (150 kgf/cm²)
- Relief Valve Settings:
  - Implement: 24.5 MPa (250 kgf/cm²)
  - Swing: 14.8 MPa (150 kgf/cm²)
- Travel circuit:
  - Swings: 1 axial piston motor
- Travel:
  - 2 variable displacement axial piston motors
- Pilot pump:
  - 1 gear pump
- Hydraulic Motors:
  - 1 gear pump
  - 10.8 L/min

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

**UPPERSTRUCTURE**
- Swing Device:
  - Axial piston motor with planetary reduction gear driven by hydraulic oil. Swing circle is single-row, shear-type ball bearing with induction-hardened internal gear. Internal gear and pinion gear are immersed in lubricant. Swing parking brake is spring-actuated, released disc type.
- Swing speed: 9.0 min⁻¹ (rpm)
- Swing torque: 5.47 Nm (558 kgf cm)

**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

**TRACTION**
- Maximum traction force: 27 kN (2,750 kgf)
- Travel speeds:
  - High: 0 to 4.4 km/h
  - Low: 0 to 2.5 km/h

**HORNS**
- Upper rollers: 1
- Upper rollers: 1

**WEIGHTS AND GROUND PRESSURE**
- AX30u-5F: Equipped with 2.28m boom, 1.17m arm and 0.09m³ bucket (ISO heaped).
- AX35u-5F: Equipped with 2.47m boom, 1.32m arm and 0.11m³ bucket (ISO heaped).

**SERVICE REFILL CAPACITIES**
- Fuel tank: 40.0 L
- Engine coolant: 5.0 L
- Engine oil: 7.2 L
- Travel device (each side):
  - Hydraulic system: 56.0 L
  - Hydraulic oil tank: 32.0 L

**FRONT ATTACHMENTS BACKHOE BUCKETS**

<table>
<thead>
<tr>
<th>ISO 7416 capacity</th>
<th>Width</th>
<th>No. of teeth</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.4m</td>
<td>250 mm</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>0.5m</td>
<td>300 mm</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>0.65m</td>
<td>350 mm</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>0.8m</td>
<td>400 mm</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>1.0m</td>
<td>450 mm</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>1.1m</td>
<td>550 mm</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>1.2m</td>
<td>650 mm</td>
<td>4</td>
</tr>
</tbody>
</table>

**LIFTING CAPACITIES**

<table>
<thead>
<tr>
<th>Load point</th>
<th>Arm 1.17 m</th>
<th>Arm 1.32 m</th>
<th>Arm 1.32 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rubber shoes 300 mm</td>
<td>3.59 kN</td>
<td>4.76 kN</td>
<td>5.07 kN</td>
</tr>
<tr>
<td>Additional counterweight 150 kg</td>
<td>3.80 kN</td>
<td>4.95 kN</td>
<td>5.26 kN</td>
</tr>
</tbody>
</table>

**CABIN**
- Comfortable for operation.
- Front windows (upper and lower) can be opened.
- Reclining seat.
- 300 mm steel shoes
- 300 mm rubber shoes
- 4-Pillars Canopy version

**OPTIONS**
- Additional counterweight 230 kg.
**SPECIFICATIONS**

**ENGINE**
- Model: Yanmar 4TNV88
- Type: 4-cycle water-cooled, direct injection
- Rated power: 28.2 kW (37.8 HP) at 2,400 min⁻¹ (rpm)

**LIFTING CAPACITIES**
- Type: 4-cycle water-cooled, direct injection
- Model: Yanmar 4TNV88

**ELECTRIC SYSTEM**
- Bore and stroke: 88 mm x 90 mm
- Gross: 29.5 kW (37.9 HP) at 2,400 min⁻¹ (rpm)
- Maximum torque: 141 Nm (14.4 kgf m) at 1,100 min⁻¹ (rpm)

**Piston displacement**: 2,189 L

**HYDRAULIC SYSTEM**
- Main pumps: 1 variable displacement axial piston pumps
- Maximum oil flow: 1 x 120 L/min
- Auxiliary circuit: 24.5 MPa (250 kgf/cm²)

**HYDRAULIC CYLINDERS**
- Cylinder mechanism provided in boom and arm cylinder to absorb shock at stroke ends.

**UPPERSTRUCTURE**

**Swing Device**
- Axial piston motor with planetarium reduction gear is lubricated by hydraulic oil. Swing circle is single-row, shear-type ball bearing with immersed in lubricant. Swing parking brake is spring-set/hydraulic-released disc type.

**Swing speed**: 9.0 min⁻¹ (rpm)
**Swing torque**: 8.50 kNm (910 kgf m)

**Swing Brake**
- Independent spacious cab, 960 mm wide by 1,520 mm high, conforming to ISO Standards. Reinforced glass windows on 4 sides for visibility.

**BACKHOE BUCKETS**
- Capacity: 0.16 m³
- Side cutters: 600 mm

**WIDTH**
- 700 mm

**CABIN VERSION**
- 4,640 kg
- 26 kPa
- 28(29) kPa

**UNDERCARRIAGE**
- Track type: Tractor-type undercarriage
- Welded track frame using selected materials.

**WEIGHTS AND GROUND PRESSURE**

<table>
<thead>
<tr>
<th>AX40u-5F</th>
<th>AX50u-5F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating weight</td>
<td>Ground pressure</td>
</tr>
<tr>
<td>400 mm rubber shoes</td>
<td>4,770 kg</td>
</tr>
<tr>
<td>400 mm steel shoes</td>
<td>4,910 kg</td>
</tr>
<tr>
<td>500 mm rubber shoes</td>
<td>4,770 kg</td>
</tr>
<tr>
<td>500 mm steel shoes</td>
<td>4,910 kg</td>
</tr>
</tbody>
</table>

**Service Refill Capacities**
- Fuel tank: 70.0 L
- Engine coolant: 6.5 L
- Engine oil: 8.0 L

**SERVICE REFLILL CAPACITIES**
- Hydraulic system: 77.0 L
- Hydraulic oil tank: 50.0 L

**FRONT ATTACHMENTS**

<table>
<thead>
<tr>
<th>ISO 4751 capacity</th>
<th>With side cutters</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.10 m³</td>
<td>400 mm</td>
<td>450 mm</td>
</tr>
<tr>
<td>0.11 m³</td>
<td>450 mm</td>
<td>500 mm</td>
</tr>
<tr>
<td>0.13 m³</td>
<td>500 mm</td>
<td>650 mm</td>
</tr>
<tr>
<td>0.14 m³</td>
<td>600 mm</td>
<td>650 mm</td>
</tr>
<tr>
<td>0.16 m³</td>
<td>700 mm</td>
<td>700 mm</td>
</tr>
<tr>
<td>Arm crowd force</td>
<td>Bucket digging force</td>
<td></td>
</tr>
</tbody>
</table>

**LIFTING CAPACITIES**

<table>
<thead>
<tr>
<th>AX40u-5F Canopy Version, Blade above Ground, 1.38 m Arm</th>
<th>AX50u-5F Canopy Version, Blade above Ground, 1.38 m Arm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conditions</td>
<td>Load max. reach</td>
</tr>
<tr>
<td>Load point</td>
<td>A</td>
</tr>
<tr>
<td>Load radius</td>
<td>Rubber shoes 410 mm</td>
</tr>
<tr>
<td>2.68 m boom</td>
<td>1.38 m arm</td>
</tr>
<tr>
<td>1.38 m arm</td>
<td>1.38 m arm</td>
</tr>
<tr>
<td>2.85 m boom</td>
<td>2.85 m boom</td>
</tr>
</tbody>
</table>

Notes:
1. Ratings are based on SAE J1907.
2. The load point is a hook (not standard equipment) located on the back of the bucket.
3. *Indicates load limited by hydraulic capacity.
4. 0 m = Ground.
The illustration shows the AX30u-5F canopy version equipped with 1.17m arm and 300mm rubber shoes.

Note:
The illustration shows the AX30u-5F canopy version equipped with 0.09m² bucket, 1.52m arm and 300mm rubber shoes.

### Dimensions & Working Ranges

<table>
<thead>
<tr>
<th>Item</th>
<th>Model</th>
<th>Unit: mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roof type</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. Max. transport length (with long arm)</td>
<td>4,200(4,280)</td>
<td>4,450(4,560)</td>
</tr>
<tr>
<td>B. Undercarriage width</td>
<td>1,550</td>
<td>1,550</td>
</tr>
<tr>
<td>C. Overall height</td>
<td>2,460</td>
<td>2,500</td>
</tr>
<tr>
<td>D. Upper structure width</td>
<td>1,550</td>
<td>1,550</td>
</tr>
<tr>
<td>E. Undercarriage length</td>
<td>1,950</td>
<td>2,100</td>
</tr>
<tr>
<td>F. Sprocket center to idler center</td>
<td>1,490</td>
<td>1,650</td>
</tr>
<tr>
<td>G. Load-center to undercarriage center</td>
<td>1,250</td>
<td>1,250</td>
</tr>
<tr>
<td>H. Track shoe width</td>
<td>300</td>
<td>300</td>
</tr>
<tr>
<td>I. Min. ground clearance</td>
<td>320</td>
<td>280</td>
</tr>
<tr>
<td>J. Parallel blade distance</td>
<td>1,530</td>
<td>1,610</td>
</tr>
<tr>
<td>K. Blade width</td>
<td>320</td>
<td>355</td>
</tr>
<tr>
<td>L. Blade width</td>
<td>1,550</td>
<td>1,550</td>
</tr>
<tr>
<td>M. Left offset distance</td>
<td>605</td>
<td>605</td>
</tr>
<tr>
<td>N. Right offset distance</td>
<td>740</td>
<td>740</td>
</tr>
<tr>
<td>O. Right over width</td>
<td>215</td>
<td>175</td>
</tr>
<tr>
<td>P. Left over width</td>
<td>80</td>
<td>80</td>
</tr>
<tr>
<td>Q. Left max. boom swing angle</td>
<td>72</td>
<td>62</td>
</tr>
<tr>
<td>R. Right max. boom swing angle</td>
<td>62</td>
<td>62</td>
</tr>
<tr>
<td>S. Rear edge swing radius</td>
<td>775</td>
<td>775</td>
</tr>
<tr>
<td>T. Max. digging reach (with long arm)</td>
<td>4,670(4,920)</td>
<td>4,890(5,170)</td>
</tr>
<tr>
<td>U. Max. digging reach at ground</td>
<td>4,530(4,780)</td>
<td>4,780(4,980)</td>
</tr>
<tr>
<td>V. Max. digging depth (with long arm)</td>
<td>2,580(2,890)</td>
<td>2,780(3,130)</td>
</tr>
<tr>
<td>W. Max. vertical wall (with long arm)</td>
<td>2,590(2,990)</td>
<td>2,840(2,940)</td>
</tr>
<tr>
<td>X. Max. cutting height (with long arm)</td>
<td>4,934(5,354)</td>
<td>5,284(5,630)</td>
</tr>
<tr>
<td>Y. Max. digging height (with long arm)</td>
<td>1,913(2,043)</td>
<td>1,973(2,113)</td>
</tr>
<tr>
<td>Z. Max. digging depth (with long arm)</td>
<td>1,890(2,021)</td>
<td>1,940(2,072)</td>
</tr>
<tr>
<td>[A]. Min. swing radius (with long arm)</td>
<td>1,380(1,410)</td>
<td>1,580(1,610)</td>
</tr>
<tr>
<td>[B]. Max. boom swing (with long arm)</td>
<td>360</td>
<td>360</td>
</tr>
<tr>
<td>[C]. Back bottom (high position) (above ground)</td>
<td>315</td>
<td>320</td>
</tr>
</tbody>
</table>

The illustration in ( ) shows the machines equipped with long arm.

### Equipment

#### Standard Equipment

- 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)

### Optional Equipment

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

#### Engine

- Air cleaner 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

**FRONT ATTACHMENTS**

- Grouser shoes
- Pad crawler shoes

**UNDERCARRIAGE**

- Tool box
- Travel motion alarm device
- Protective mesh screen for radiator and oil cooler

**4-PILLS CANOPY**

- ROPS/OPG canopy
- Retracting 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)

**Standard Equipment**

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

- **Engine**
  - Air cleaner 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

- **FRONT ATTACHMENTS**
  - Grouser shoes
  - Pad crawler shoes

- **UNDERCARRIAGE**
  - Tool box

- **4-PILLS CANOPY**
  - ROPS/OPG canopy
  - Retracting 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