

ATLAS KOMPAKT

Excavator AC 60B



| | |
|--------------------------|---|
| Operating Weight | 6.24t (rubber track)/6.31t(steel track) |
| Engine Power | 33.7kW/2100rpm |
| Engine Brand | YANMAR |
| Standard Bucket Capacity | 0.18m ³ |
| Max. Digging Depth | 3.7m |

Excavator AC 60B

Parameter

ENGINE

| | |
|--------------|----------------------------------|
| Brand | Yanmar |
| Model | 4TNV94L-BVSU |
| Type | 4-cylinder 4-stroke water-cooled |
| Displacement | 3.054L |
| Power | 33.7kW/2100rpm |

DIMENSIONS

| | |
|-------------------------|--------|
| Counterweight Clearance | 700mm |
| Tail Swing Radius | 1600mm |
| Shipping Length | 5877mm |
| Shipping Width | 1900mm |
| Shipping Height | 2615mm |

ELECTRIC SYSTEM

| | |
|-----------------|-----------|
| Nominal Voltage | 12V |
| Batteries | 120Ah |
| Alternator | 12V-55A |
| Starter | 12V-3.0kW |

WORKING RANGES

| | |
|----------------------------------|---------|
| Max. Cutting Height | 5620mm |
| Max. Loading Height | 4010mm |
| Max. Digging Depth | 3700mm |
| Max. Vertical Wall Digging Depth | 2840mm |
| Max. Digging Reach | 6125mm |
| Max. Reach at Ground Level | 5985mm |
| Bucket Digging Force(ISO) | 46.8kN |
| Stick Digging Force(ISO) | 31.1kN |
| Ground Pressure | 35.6kPa |
| Swing Speed | 9.4rpm |

DRIVE

| | |
|----------------------------|----------------|
| Max.Travel Speed (2nd/1st) | 4.74/2.75 km/h |
| Gradeability | 35° |
| Max. Traction | 42.1kN |

UNDERCARRIAGE

| | |
|-----------------------------|--------|
| Undercarriage Width | 1880mm |
| Shoe Width | 400mm |
| Length to Center of Rollers | 1965mm |
| Track Length | 2495mm |
| Track Height | 594mm |

CAPACITY

| | |
|--------------------|------|
| Fuel Tank | 113L |
| Hydraulic Oil Tank | 96L |

BULLDOZING BOARD

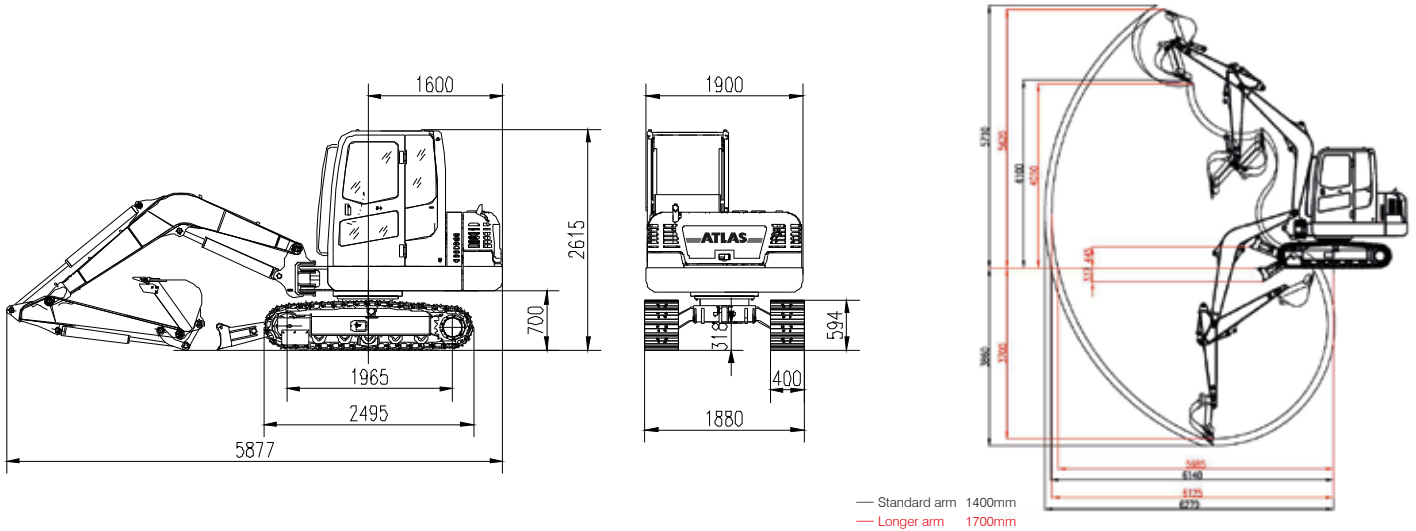
| | |
|--|------------|
| independent moving, controlled by the gear shift lever | |
| Length X Width | 1900X340mm |
| Max. Lifting Height | 445mm |
| Max. Cutting Depth | 337mm |

HYDRAULIC SYSTEM

| | |
|------------------|--|
| Main Pumps | |
| Type | 2 variable displacement pumps, 1 gear pump |
| Displacement | 2x59+42 L/min |
| Working Pressure | 2x24.5+21 MPa |

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Working Ranges



Load Capacity (standard arm: 1.6m)

| B(m) | A(m) | MAX | | 5.0m | | 4.0m | | 3.0m | |
|------|------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|
| | | Front(kg) | Side(kg) | Front(kg) | Side(kg) | Front(kg) | Side(kg) | Front(kg) | Side(kg) |
| 4.0 | | 885.40* | 837.50* | — | — | 842.30* | 861.40* | — | — |
| 3.0 | | 866.20* | 581.70 | — | — | 885.40* | 871.00* | — | — |
| 2.0 | | 832.70* | 486.80 | — | — | 981.10* | 697.20 | 1316.10* | 1301.70* |
| 1.0 | | 890.20* | 449.70 | 918.90* | 474.50 | 1115.10* | 631.20 | 1703.70* | 969.50 |
| 0.0 | | 1186.90* | 585.80 | 1196.40* | 614.70 | 1483.60* | 750.90 | 1971.70* | 1043.80 |
| -1.0 | | 1172.50* | 614.70 | — | — | 1182.10* | 639.50 | 1617.60* | 837.50 |
| -2.0 | | 713.10* | 833.40 | — | — | 713.10* | 833.40 | 1397.40* | 915.90 |

Notes:

- 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.

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