

WHEELED EXCAVATOR

# TB370W

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From World First to World Leader

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**Semco**<sup>®</sup>  
Equipment Sales

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Operating Weight: 7,900 kg

# TOUGH, POWERFUL, RELIABLE



**8" Touch Screen Display**



**Intuitive Operation**



**Multi Function Grips (OPT)**



**Pressure Adjustment (OPT)**

The TB370W wheeled excavator provides owner/operators with a highly versatile option that combines powerful excavating performance with on-road capabilities, making it ideal for shorter-term, faster-paced projects. With all the unique benefits of a wheeled unit, including higher travel speeds and the auto cruise control which enables operators to set and adjust their travel speeds by pressing a button or operating toggle switch (equipped on optional multi function grips), TB370W features a wider operating range with a 2-piece variable angle boom, precise hydraulic operations using load sensing hydraulic system and up to four auxiliary hydraulic circuits for improved productivity. In addition, an operator can select their preferred working mode among three options, standard, ECO and ECO plus. ECO plus mode automatically changes the working mode between standard and ECO depending on its load for the best efficiency and ECO friendly.

Inside the cab configuration, an 8" multifunction touch screen display places a wide range of functions at the operator's fingertips, including the DAB radio with Bluetooth functionality and HVAC settings. Well positioned switches ensure an easy access to the variable functions and a jog dial function linked with the display helps with operator's intuitive operation. Optional multi-function grips allow to assign the often used functions to buttons on it according to owner's preference.



**Completely Redesigned Automotive Styled Interior with Intuitive User's Operation**

# Product Features & Specifications

## ENGINE

- EU Stage V / EPA Tier 4 Emission Compliant
- DOC+DPF Exhaust After Treatment
- Automatic Fuel Bleed System
- Double Element, Air Cleaner
- Automatic Deceleration
- Working Modes: Standard, ECO and ECO Plus (automatically changes working mode between standard and ECO depending on the load)
- Engine Safety Start System on the Left Console
- Engine Auto Stop
- Fuel Supply Pump w/ Reel System

## ELECTRICAL

- 8" Color Touch Screen Display
- Multi-Switch Control Panel & Jog Dial Control
- E/H Control for Dozer Blade, Boom Swing and Adjust Cylinder
- LED Light Package ; Right Cover, Boom, Front Cab, and Rear Cab
- LED Head Lights, Turn Signals and Tail Lamps
- TFM (Takeuchi Fleet Management, GPS)
- Rear View Monitor
- Arm Position Lamp (optional)
- Back Buzzer (optional)
- TSS (Takeuchi Security System, Immobilizer) (optional)\*
- 270° View Monitor (optional)

## OPERATOR'S STATION

- ROPS/TOPS/OPG (TOP Guard, Level I)
- Air Suspension Seat with Heat
- Tilttable Steering Wheel
- 2" Retractable Seat Belt
- Cab with Automatic Climate Control System, Windshield Wiper and Washer, Skylight, Sunshade and DAB Radio with Bluetooth
- Smartphone Holder with USB Port
- Rain Guard (Optional)
- OPG Level II Tilttable Roof Guard (Optional)
- OPG Level II Front Guard (Optional)

## UNDERCARRIAGE AND FRAME

- 2 Wheel Steering (2WS)
- 7.50-15, 14 PR Twin Tires
- Auto Cruise Control
- Heavy Duty Dozer Blade
- Check Valve, Dozer Blade
- Cylinder Cover for Dozer Blade
- Large Wrap Around Counterweight
- Parking Brake
- Ram Lock
- Diff Lock
- Tool Box
- Mud Guards (optional)
- Auto Digging Brake (optional)
- Outrigger (optional)
- Cylinder Covers for Outrigger (optional)
- Additional Tool Box (optional)

## HYDRAULIC

- Load Sensing Hydraulic System
- Hydraulic Joystick Controls
- Proportional Control for Service Port 1
- Detent for Service Port 1
- Proportional Control for Service Port 2
- Service Port 3 for Quick Hitch (optional)
- Proportional Control for Service Port 4 (optional)
- Independent Service Port 4 with Multi-Functional Grips (optional)
- Auxiliary Hydraulic Circuit Plumbed to Arm
- Adjustable Auxiliary Flow for Service Port 1, 2, and 4
- Pilot Accumulator
- Auto Tank for Service Port 1
- Service Port Performance Package ; Auto Pressure Release for SP1 & SP2, Pressure Adjustment for SP1 & SP2 and High Pressure for SP1 (optional)

## WORKING EQUIPMENT

- 2-Piece Variable Angle Boom
- Cushioned Boom, Arm and Swing Cylinders
- Boom Swing Stopper
- Boom Holding Valve w/ Lift Alarm
- Arm Holding Valve
- Adjust Cylinder Holding Valve
- Lifting Point of Bucket Linkage (optional)



Easy Service Access with Wide-Opening Hoods



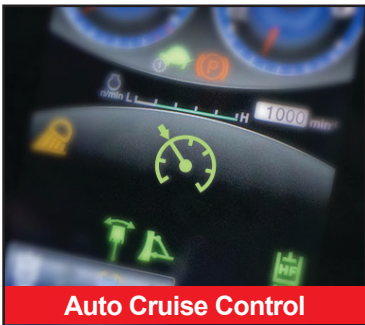
Tilt-Up Cabin Delivering Excellent Serviceability

\*Functions may not be available in all countries, so please consult your Takeuchi dealer for details.

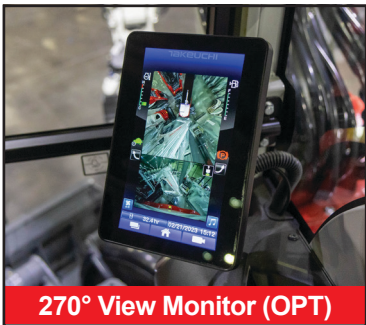
| OPERATING PERFORMANCE         |                        | HYDRAULIC SYSTEM              |             |
|-------------------------------|------------------------|-------------------------------|-------------|
| Operating Weight              |                        | Work Equipment                |             |
| w/ Dozer Blade Only           | 7,555 kg               | Flow Rate                     | 160.0 L/min |
| w/ Dozer Blade and Outrigger  | 7,900 kg               | Relief Pressure               | 24.5 MPa    |
| Bucket Capacity (Heaped)      | 0.180 m³               | Slew                          |             |
| Slew Speed                    | 8.8 min-1              | Flow Rate                     | 46.2 L/min  |
| Travel Speed                  |                        | Relief Pressure               | 26.0 MPa    |
| Low Speed 1                   | 2.8 km/h               | Travel                        |             |
| High Speed 1                  | 10.0 km/h              | Flow Rate                     | 80.0 L/min  |
| Low Speed 2                   | 6.5 km/h               | Relief Pressure               | 35.0 MPa    |
| High Speed 2                  | 29.6 km/h              | Service Port 1                |             |
| Gradeability                  | 30°                    | Flow Rate                     | 120.0 L/min |
| Maximum Bucket Digging Force  | 48.4 kN                | Hydraulic Pressure            | 21.0 MPa    |
| Maximum Arm Digging Force     | 29.4 kN                | Hydraulic Pressure (Optional) | 24.0 MPa    |
| Traction Force                | 61.7 kN                | Service Port 2                |             |
| Boom Swing Angle (Left/Right) | 79° / 51°              | Flow Rate                     | 55.0 L/min  |
| ENGINE                        |                        | Hydraulic Pressure            | 21.0 MPa    |
| Model                         | Kubota / V2607-TE5AB   | Service Port 3                |             |
| Rated Output (ISO 14396)      | 54.6 kW / 2,700 min-1  | Hydraulic Pressure            | 21.0 MPa    |
| Maximum Torque                | 221.7 Nm / 1,600 min-1 | Service Port 4                |             |
| Displacement                  | 2,615 ml               | Flow Rate                     | 55.0 L/min  |
| Alternator                    | 12V - 1.08 kW          | Hydraulic Pressure            | 21.0 MPa    |
| Battery (IEC 60095-1)         | 12V - 90 A·h           | SAFETY and HEALTH             |             |
| FLUID CAPACITY                |                        | Vibration Levels              |             |
| Engine Lubrication            | 10.2 L                 | Hand / Arm                    | ≤ 2.5 m/s²  |
| Cooling System                | 12.0 L                 | Body                          | ≤ 0.5 m/s²  |
| Fuel Tank Capacity            | 110.0 L                | Noise Level                   |             |
| Hydraulic Reservoir Capacity  | 65.5 L                 | Sound Power Level             | LWA 97 dB   |
| Hydraulic System Capacity     | 149.0 L                |                               |             |



Sliding Window on the Door



Auto Cruise Control

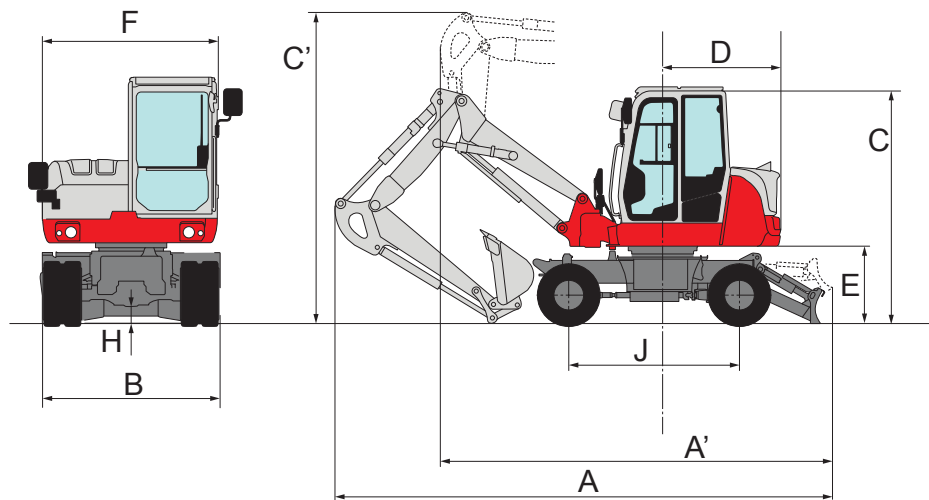


270° View Monitor (OPT)

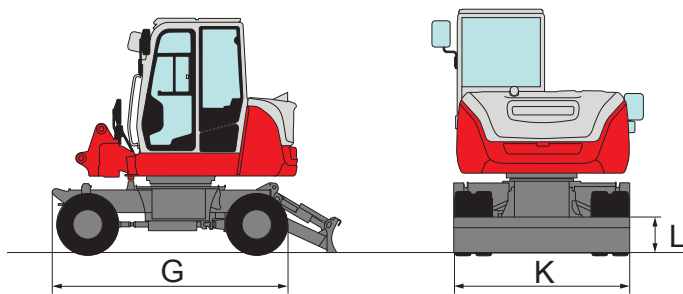


Tilttable Roof Guard (OPT)

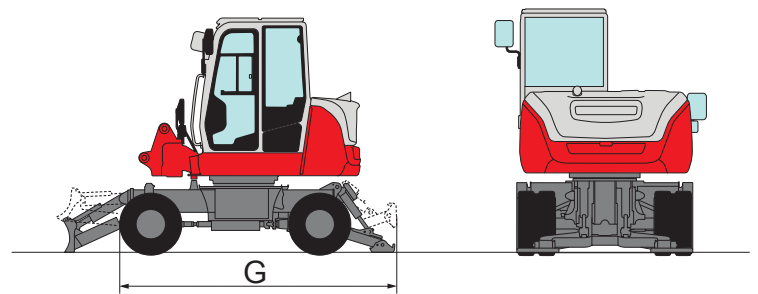
# TB370W Wheeled Excavator



Dozer Blade Only



Dozer Blade and Outrigger

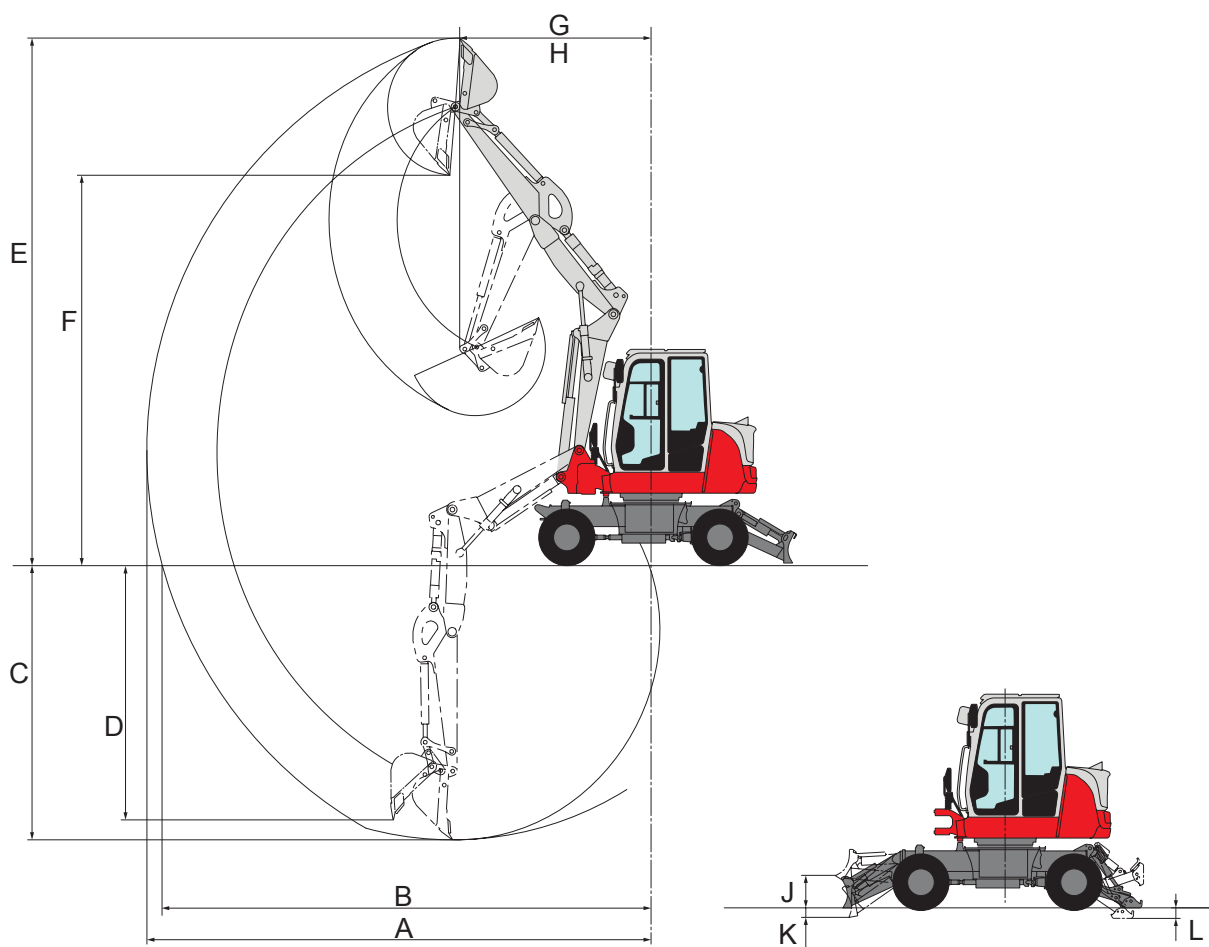


## MACHINE DIMENSIONS

|                                          |                        |
|------------------------------------------|------------------------|
| A Overall Length                         | * 6,025 mm / 6,350 mm  |
| A' Overall Length (Road Travel Posture)  | * 4,770 mm / 4,625 mm  |
| B Overall Width                          | 2,100 mm               |
| C Overall Height                         | ** 2,890 mm / 2,920 mm |
| C' Overall Height (Road Travel Posture)  | 3,830 mm               |
| D Slew Radius                            | 1,450 mm               |
| E Clearance Height Under Upper Structure | 955 mm                 |
| F Overall Width of Upper Structure       | 2,060 mm               |
| G Overall Length of Undercarriage        | * 2,925 mm / 3,440 mm  |
| H Ground Clearance of Undercarriage      | 205 mm                 |
| J Wheel Base                             | 2,100 mm               |
| K Dozer Blade Width                      | 2,100 mm               |
| L Dozer Blade Height                     | 430 mm                 |

\* Machines with dozer blade only / Machines with dozer blade and outrigger

\*\* Machines without a roof guard / Machines with a roof guard



#### WORKING DIMENSIONS

|   |                                                    |                     |
|---|----------------------------------------------------|---------------------|
| A | Maximum Reach                                      | 6,905 mm            |
| B | Maximum Reach at Ground Level                      | 6,705 mm            |
| C | Maximum Digging Depth                              | 3,775 mm            |
| D | Maximum Vertical Digging Depth                     | 3,505 mm            |
| E | Maximum Height of Cutting Edge                     | 7,160 mm            |
| F | Maximum Dumping Height                             | 5,290 mm            |
| G | Front Swing Radius                                 | 2,420 mm            |
| H | Front Swing Radius with Boom Offset (Left / Right) | 2,265 mm / 1,890 mm |
| J | Dozer Blade Maximum Lifting Height                 | 445 mm              |
| K | Dozer Blade Maximum Lowering Depth                 | 130 mm              |
| L | Outrigger Maximum Lowering Depth                   | 145 mm              |

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FORM: TB370W Wheeled Excavator Spec Sheet - July. 2024

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