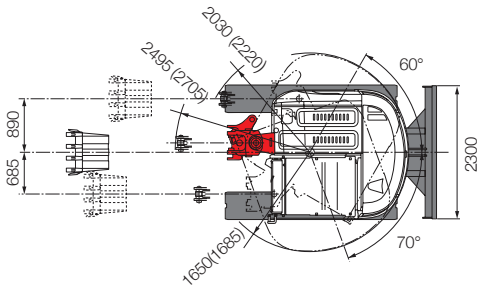
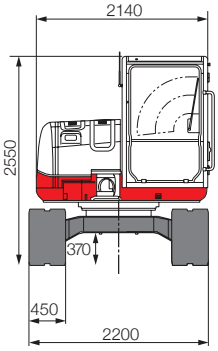
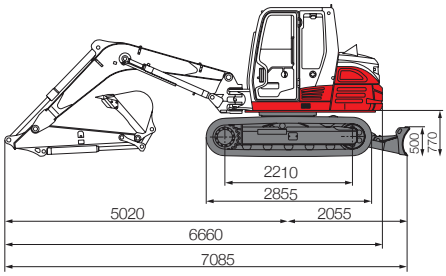
TB290-2 POWERFUL COMPACT EXCAVATOR

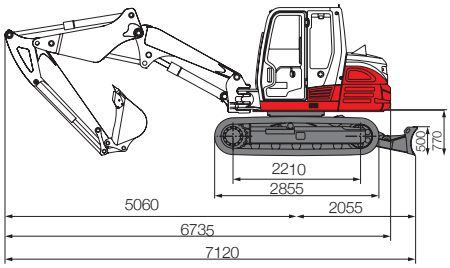




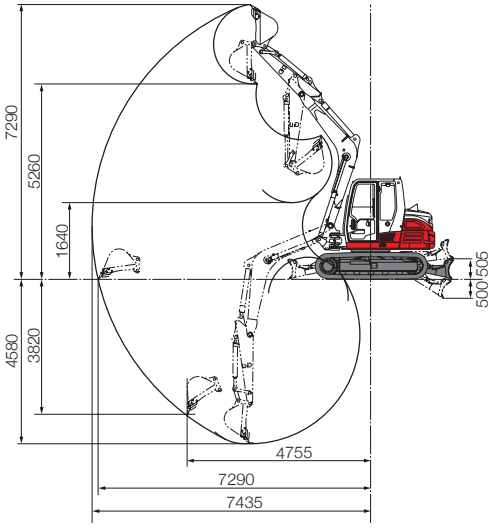
Mono Boom



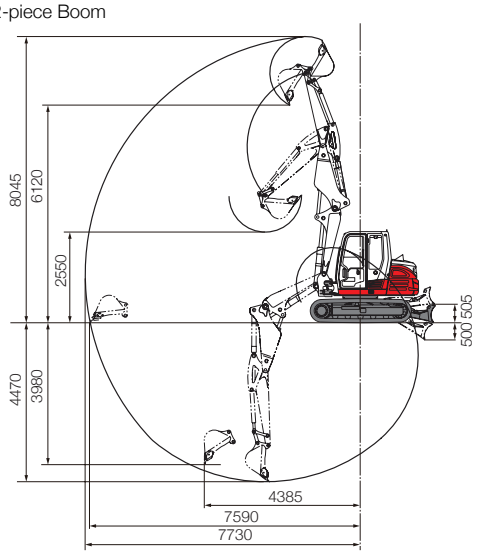
2-piece Boom



Mono Boom



2-piece Boom



All dimensions unless otherwise stated are in millimetres.

TB290-2 Standard UK Spec – Long Arm / Rubber Tracks / Blade. Optional: Steel Tracks - (2-piece Boom)

Engine	
Make	Yanmar
Model	4TNV98CT-WTB DPF
Rated Output (kW/rpm)	51.6/2000
Maximum Torque (Nm)	308
Cylinders	4
Displacement (cc)	3318
Electrical System	12V 90A

Dimensions & Weight	
Operating Weight (kg)	8400 (8715)
Overall Length (mm)	6660 (6735)
Width incl. dozer (mm)	2300
Height (mm)	2550
Ground Clearance (mm)	370
Min. Radius at Max Offset (mm)	2030 (2220)
Tail Swing Radius (mm)	1650 (1685)
Dozer Blade (W x H) (mm)	2300 x 500

Operating Information	
Max Digging Depth (mm)	4580 (4470)
Max Dump Height (mm)	5260 (6120)
Max Reach at Ground Level (mm)	7290 (7590)
Max Vertical Digging Depth (mm)	3280 (3980)
Max Bucket Digging Force (kN)	59.1
Long Arm Digging Force (kN)	36.3

Hydraulic System	
Pump Type	Single Variable piston + Gear x 2
1st Aux Max Flow (l/min) Pressure (bar)	100 210
2nd Aux Max Flow (l/min) Pressure(bar)	60 210

Swing System	
Boom Swing Angle (L/R)	70°/60°
Slew Speed (rpm)	10.3
Slew Motor	Constant Volume Piston Motor
Slew Brake	Wet Friction Plate

Undercarriage	
Traction Motor	Axial Piston
Traction Drive	Planetary
Traction Brake	Disc
Track Width (mm)	450
Ground Contact Length (mm)	2210
Ground Pressure (kPa)	37.6 (39)
Travel Speed km/ph	2.6-5
Maximum Gradeability (degrees)	35

Capacities	
Hydraulic System (l)	140
Fuel Tank (l)	128
Engine Lubrication (l)	10.2
Cooling System (l)	14

Health & Safety	
Noise / Sound Power Level (LwA)	99 dB
Vibration Hand Arm / Body m/sec²	≤2.5 / ≤0.5

FULL 3-YEAR 3,000 HOUR* WARRANTY

Takeuchi machines come with a full 3 year/3000 hours warranty as standard, terms and conditions apply* see website.

Before fitment of a hydraulic attachment, machine auxiliary pressure and flow should be accurately measured. For all lifting specifications please refer to the lift charts on the Takeuchi website or operator manual.

In accordance with our established policy of constant improvement, we reserve the right to amend these specifications at any time without notice. Photographs shown may feature non-standard equipment.

04/2025

For more information locally contact:

PJP PLANT HIRE 0161 959 0000 www.pjpuk.com

SCAN ME

To find your local dealer

Takeuchi Mfg (UK) Ltd, Unit E2B Kingsway Business Park, John Boyd Dunlop Drive, Rochdale, Lancashire OL16 4NG
info@takeuchi-mfg.co.uk www.takeuchi-mfg.co.uk
@TakeuchiUK

TAKEUCHI® From World First to World Leader

LIFTING CAPACITIES

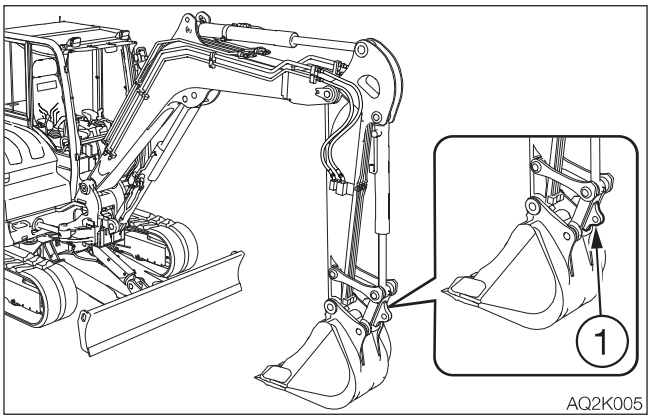
When an excavator is used to lift loads in Europe, it must comply with EN 474-1.
Install the following devices, and then turn on the overload warning switch before starting the lifting operation:
- Lifting device
- Lifting safety device

The lifting safety device must include the emergency shut-off valves on the boom and on the arm.
For a 2-piece boom machine, an emergency shut-off valve must be installed on the first boom, the second boom and the arm, respectively.
If the blade is used as an outrigger when lifting loads, the blade cylinder must be equipped with an emergency shut-off valve.
Refer to “Lifting safety device (If equipped)” on page 2-77.

Rated lift capacity chart

- The loads in the charts do not exceed 87% of hydraulic lift capacity or 75% of tipping load.
- Figures marked with an asterisk (*, ※) are hydraulically-limited capacities.
- The bucket mass is excluded.
- The mass of slings and any other lifting devices shall be deducted from the rated load to determine the net load that may be lifted.
- The load point is the bucket hinge pin.
- The bucket cylinder is fully extended.
- Unit: kg (lbs)

Lifting device (If equipped)



When lifting loads, install the sling on the lifting device (1).

Load hooking system

A load hooking system must be provided with the following capabilities.
1. A system which can withstand two-and-a-half times the rated lift capacity no matter at what position the load is applied.
2. A system that poses no risk of the lifted load falling from the hooking device. For example, equipped with a hook slippage prevention device.
3. A system that poses no risk of the hooking system slipping from the hoe attachment.

Inspection before lifting loads

Before lifting loads, inspect the following items to ensure there is no abnormality:

- Inspect for any damage to the attachment, hose or lifting device.
- Confirm that the overload warning device operates.
  Turn on the overload warning switch, and then fully raise the boom. If the horn is sounded, the overload warning device is normal.

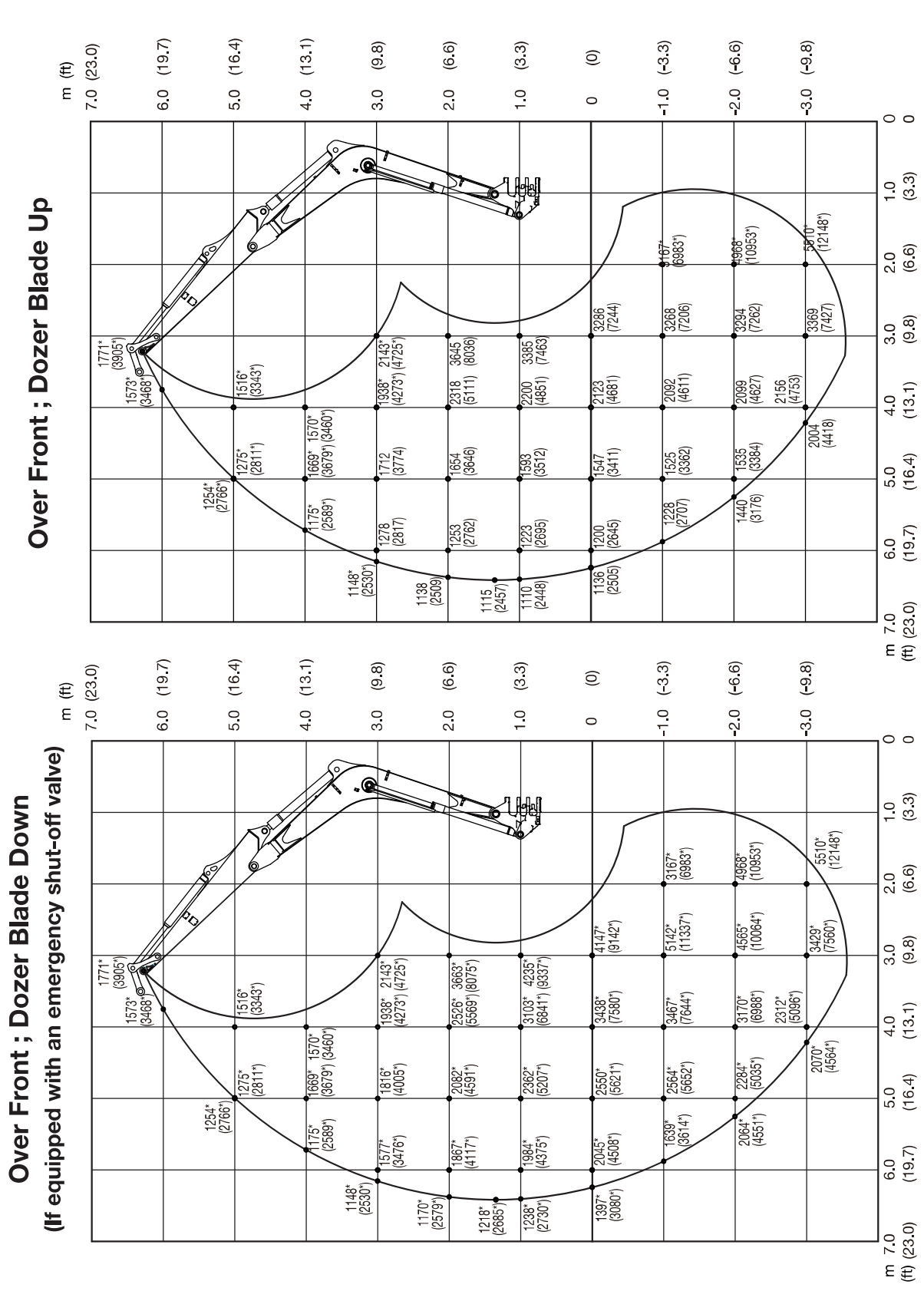
⚠ WARNING

- **Do not attempt to lift or hold any load that is greater than these rated values at their specified load radii and height.**
- **The rated lift capacities are based on the machine being level and situated on a firm supporting surface. For safe lifting, the operator is expected to make due allowance for the particular job conditions such as soft or uneven ground, non-level condition, load to the machine sides, hazardous conditions, experience of personnel, etc. The operator and other personnel should fully acquaint themselves with the operator's manual furnished by the manufacturer before operating this machine. When operating the machine, the safety rules of the equipment must also be followed.**
- **Do not travel while lifting a load; It is very dangerous.**
- **Do not lift loads when the boom is being swung to the right or left. Doing so could cause the machine to tip over.**

PJP
PLANT HIRE
0161 959 0000
www.pjpuk.com

Long arm (Equipped with Extra weight)

Units: kg(lbs.)



AM4K028EN

Long arm (Equipped with Extra weight)

