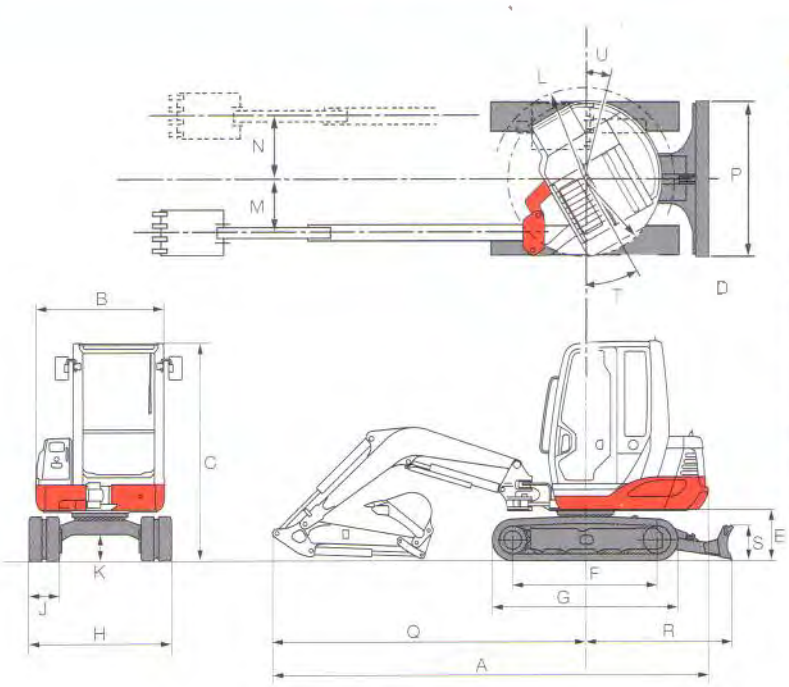
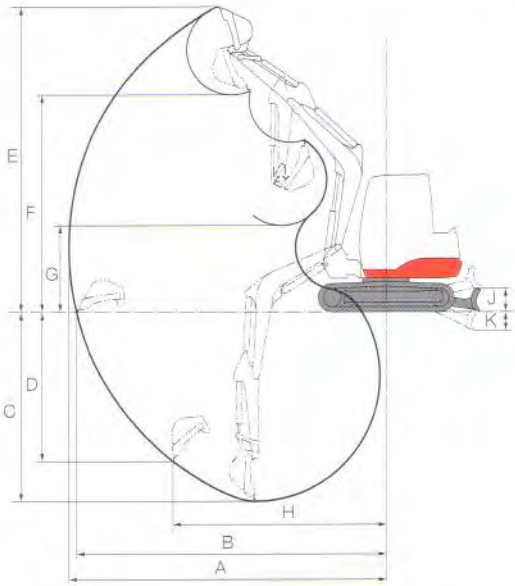
TB128FR TB138FR TB153FR TB180FR





Dimensions

	Item	TB128FR	TB138FR	TB153FR	TB180FR
A	Length (mm)	4275	4770	5350	6175
B	Width Cab (mm)	1505	1640	1860	2140
C	Height (mm)	2530	2555	2570	2770
D	Radius (mm)	885	965	1110	1265
E	Track Height (mm)	600	695	815	715
F	Crawler Base (mm)	1545	1655	1985	2210
G	Track Length (mm)	2000	2110	2800	2895
H	Machine Width (mm)	1550	1740	2060	2360
J	Track Width (mm)	300	350	400	450
K	Ground Clearance (mm)	300	300	300	380
L	Diameter (mm)	1130	1225	1400	1550
M	Offset Left (mm)	680	700	720	800
N	Offset Right (mm)	700	730	825	945
P	Dozer Width (mm)	1560	1740	2000	2300
Q	Dig Arm Length (mm)	3270	3715	4105	4775
R	Centrepoint to Blade (mm)	1320	1415	1510	1855
S	Dozer Blade Height (mm)	350	395	430	503
T	Offset Swing Angle LH	30°	30°	30°	30°
U	Offset Swing Angle RH	15°	15°	15°	15°

Operating Range

	Item	TB128FR	TB138FR	TB153FR	TB180FR
A	Max. Digging Radius	4785	5550	6195	7195
B	Max. Floor Digging Radius	4655	5425	6065	7045
C	Max. Digging Depth	2575	3420	3900	4545
D	Max. Vertical Digging Depth	2150	2625	3030	3490
E	Max. Digging Height	4700	5220	5490	6465
F	Max. Dumping Height	3360	3795	3885	4480
G	Min. Dumping Height	1440	1120	1125	1410
H	Max. Vertical Digging Radius	2775	3730	4075	4765
J	Max. Raising Height	320	385	320	505
K	Max. Lowering Depth	290	290	320	405

Note: All units in mm

For more information locally

call us direct, or contact:

*Warranty exceptions to 1 year; fuel injection systems, electrical components, paint work.

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.

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Adjustable one piece offset BOOM

Takeuchi introduced the FR series of zero tail swing excavators to meet the growing demands for compact excavating, especially where restricted working access limits the size of the machine.

The FR range is now a well proven and popular machine choice.

The upper structure and cab only exceeds the track footprint by centimetres, allowing operators to work and rotate right up to walls without potentially damaging the machine.

Zero tail swings have fast become the must have machine on site or in the hire fleet

SPECIFICATIONS	TB128FR	TB138FR	TB153FR	TB180FR
Engine				
Make	Yanmar	Yanmar	Yanmar	Yanmar
Model	3TNV82A	3TNV88-BPTBZ	4TNV88-BPTBZ	4TNV98-ZQTBZ
Rated Output (kW)/RPM	17.5/2400	21.3/2300	28.8/2400	45.3/2200
Maximum Torque (Nm)	85.3	107.1	143.4	240
Cylinders	3	3	4	4
Displacement (cc)	1330	1642	2189	3318
Electrical System	12volt 40amp	12volt 40amp	12volt 40amp	12volt 55amp
Dimensions & Weight				
Operating Weight: Cab(kg)	3360	3880	5660	8440
Length (Transporting) (mm)	4275	4770	5350	6175
Ground Clearance (mm)	300	295	300	350
Dozer Blade (W x H) (mm)	1560x350	1740X395	2000x430	2300x500
Blade Range Up/Down	302/290	355/290	320/325	505/405
Font Swing Radius				
Rear Slew Radius (mm)	865	955	1110	1255
Bucket Offset RH/LH	700/680	730/700	825/720	945/800
Operating Information				
Max Bucket Digging Force (Kn)	22.3	26.5	36.3	53.2
Max Arm Digging Force (Kn)	15.8	15	22.2	32.2
Hydraulic System				
Set Pressure (bar)	210	210	210	280
Pump Type	2xVariable+2xGear	2xVariable+2xGear	2xVariable+2xGear	2xVariable+2xGear
Hydraulic Flow Aux port (l/min)	50.6	62	58.3	72.5
Swing System				
Boom Swing Angle (L/R)	30deg/15deg	30deg/15deg	30deg/15deg	30deg/15deg
Slew Speed (rpm)	10	9.8	9.9	9.9
Slew Motor	Axial Piston	Axial Piston	Axial Piston	Axial Piston
Undercarriage				
Traction Motor	Axial Piston	Axial Piston	Axial Piston	Axial Piston
Traction Drive	Planetary	Planetary	Planetary	Planetary
Traction Brake	Disc	Disc	Disc	Disc
Track Width (mm)	300	350	400	450
Ground Contact Length (mm)	1545	1655	1985	2210
Ground Pressure (kpa)	32.9	29.9	32.4	37.5
Travel Speed (K/ph)	2.3/4.3	2.5/4.9	2.8/5.0	2.8/5.6
Maximum Gradeability	30deg	30deg	30deg	30deg
Capacities				
Hydraulic System (l)	70	68	110	120
Fuel Tank (l)	39	40	65	92
Engine Lubrication (l)	3.6	4.7	7.4	10.2
Cooling System (l)	4.3	6	8.8	9.9