

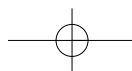
TB 153 FR

SHORT-TAIL EXCAVATOR

- A compact and innovative short tail swing enables the TB153FR to efficiently operate in confined areas.
- Adjustable one piece offset boom system combined with short tail swing.
- Well-balanced machine weight insures superior stability.
- Excellent travel & slew speed decrease cycle time.
- Tilt-up operator's compartment provides excellent service accessibility.

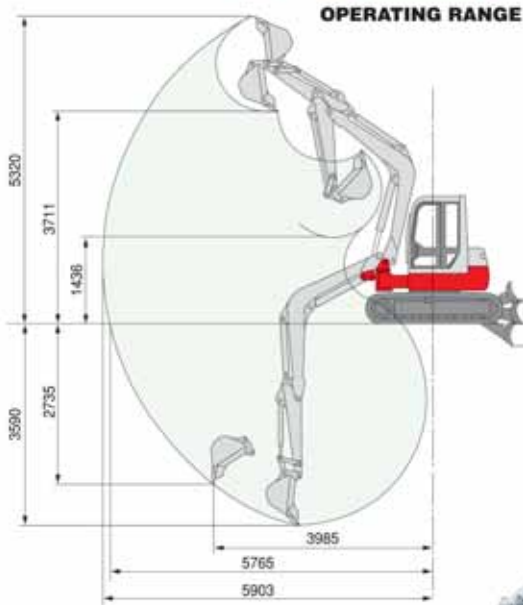


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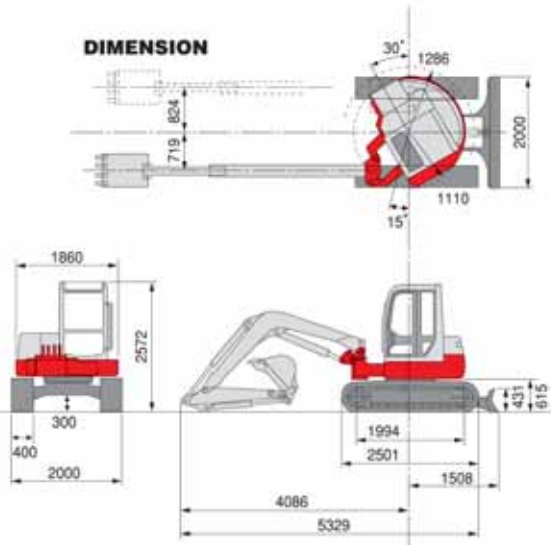


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TB153FR



DIMENSION



A compact and truly innovative design enables the TB153FR to efficiently operate in confined areas too narrow for conventional excavators.

A unique adjustable offset boom system combined with short tail swing radius allows the TB153FR to slew 360 degrees within a very short radius.



Tilt-up operator's platform provides excellent service access to the engine and other components.

Multiple ground level access panels allow quick and easy machine servicing.



SPECIFICATIONS TB153FR (Cab, Rubber Tracked, Breaker Piping Standard)

WEIGHT			Rear Slew Radius	1110	OPERATING RANGE : mm			
Machine Weight	kg	5495	Min. Ground Clearance	300	Max. Dig Depth	3590		
BUCKET			PERFORMANCE		Max. Vertical Dig Depth	2735		
Bucket Capa.	m ³	0.141	Traction Speed	km/h	2.8/5.0	Max. Dump Height	3711	
Bucket Width	mm	633	Upper Slew Speed	min ⁻¹	8.8	Max. Dig Height	5320	
DIESEL ENGINE (WATER-COOLED)			Gradeability	deg.%	30° / 58%	Max. Dig Radius	5903	
Model	4TNV89-PTBZ1		Max Dig Power Bucket	kN	36.3	Max. Floor Dig Radius	5765	
Type	4CYCL.4CYCL.Direct Injection		Max Dig Power Arm	kN	25.2	Max. Bucket Offset RH/LH	824/719	
Rated Output	kW	28.9	Ground Press	kPa	TBD	HYDRAULIC SYSTEM		
Max. Torque	N·m	132.7-144.5	DOZER BLADE : mm			Pump Type	2xVariable (P1+P2) +2xGear (P3+P4)	
Displacement	mL	2189	Width x Height	mm	2000x431	Set Press	Mpa	23.3x2+16.2+4.5
Cool Water Capa.	L	5.5	Operating Range up/down		321 / 326	Discharge	L/min	55.9x2+38.9+10.8
Lub. Oil Capa.	L	7.4	OFF-SET DIG FUNCTION			Breaker & Service Port	L/min	55.9
Fuel Tank Capa.	L	75.14	Type		Boom Offset	Slew Motor		Fixed Capacity Piston
OVERALL DIMENSION:mm			Swing Angle RH/LH		15° / 30°	Traction Motor		Variable Piston (2-Speed)
Length (in transport)		5329	TRACTION SYSTEM : mm			Hydraulic Tank Capa.	L	68.4 (Level) / 96.1 (Tank)
Width		2000	Crawler (Track)		Rubber			
Height		2572	Track Width RT		400			

WORLD CREATOR OF COMPACT EXCAVATOR
TAKEUCHI MFG (UK) LTD

Lynroyle Way, Rochdale
Lancashire OL11 3EX
T: 01706 657722
F: 01706 657744
E: sales@takeuchi-mfg.co.uk
www.takeuchi-mfg.co.uk

20 Colthrop Business Park, Colthrop Lane,
Thatcham, Newbury, Berkshire RG19 4NB
T: 01635 877196
F: 01635 877195
E: sales@takeuchi-mfg.co.uk
www.takeuchi-mfg.co.uk