

TMX 20 TATA Excavator Specification

ENGINE

Make.....Simpson
 Model.....S217
 Type.....Water cooled, 2 Cyl. Inline
 Rated Flywheel Power.....28 HP @ 2000 rpm
 Max. Torque.....10.9kgf-m @ 1400 rpm
 Battery.....12 V

HYDRAULIC SYSTEM

Main Pumps.....One gear pump
 Flow Rate.....63.6 lpm

SUPER STRUCTURE

Swing Speed.....11 rpm
 Boom Swing Angle.....Left 50°, Right 90°

RELIEF VALVE SETTINGS

Implement Circuit.....150 kgf/cm²
 Swing Circuit.....145 kgf/cm²
 Travel Circuit.....150 kgf/cm²
 Pilot Circuit.....25 kgf/cm²

UNDERCARRIAGE

Shoe Width.....280 mm
 No. of Track Shoes.....36 x 2
 No. of Upper Rollers.....1 x 2
 No. of Lower Rollers.....3 x 2
 Travel Speed.....0-1.643.27 km/h
 Gradeability.....30°(58%)

SERVICE REFILL CAPACITIES

Hydraulic System.....70 ltr
 Hydraulic Tank.....45 ltr
 Fuel Tank.....37 ltr
 Engine Coolant.....7.5 ltr
 Engine Oil......05 ltr
 Travel Device (Each Side).....0.8 ltr

WEIGHTS AND GROUND PRESSURE

Operating Weight.....2300 kg
 Ground Pressure.....0.30 kg/cm²

BACKHOE ATTACHMENT

Boom.....1900 mm
 Arm.....1000 mm

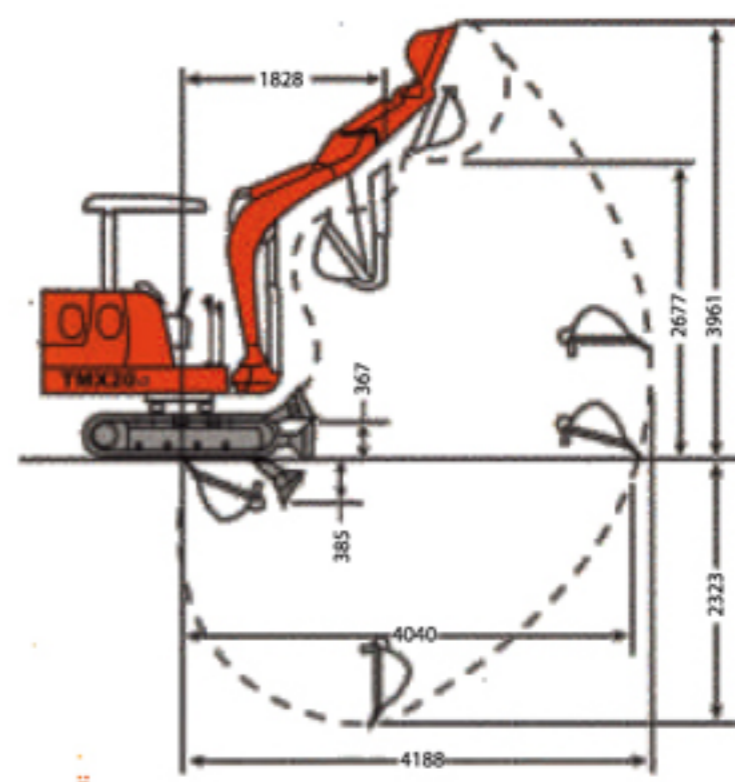
BUCKETS

Capacity (PCSA)	Width with Side Cutters	Width w/o Side Cutters	Weight	No. of Tooth Points
0.04 m ³	350 mm	310 mm	42.5 kg	3
0.07 m ³	530 mm	490 mm	55 kg	4

DIGGING FORCES

Arm Crowd Force.....1300 kgf
 Bucket Digging Force.....1890 kgf

WORKING RANGE



DIMENSIONS

