

**NEW**

**EX70**

**SPEND LESS. EARN MORE.**



# SPECIFICATIONS

## ENGINE

Model .....TATA 497 TC  
 Rated .....Water cooled, 4 cylinder in-line diesel engine  
 Rated fly wheel power .....66PS @ 2000 rpm  
 Max.torque .....245 Nm @1600rpm  
 Batteries .....2x12V

Note: It is a turbocharged engine with cold start technology.

## HYDRAULIC SYSTEM

Main pumps .....2 variable displacements axial piston pumps  
 Flow rate .....2x60 lpm  
 Pilot pump .....1 gear pump  
 Flow rate .....18.2 lpm

## SUPERSTRUCTURE

Swing Speed .....12.8rpm

## RELIEF VALVE SETTINGS

Implement circuit .....265 Kgf/cm<sup>2</sup>  
 Swing circuit .....235 Kgf/cm<sup>2</sup>  
 Travel circuit .....280 kgf/cm<sup>2</sup>  
 Pilot circuit .....35 kgf/cm<sup>2</sup>

## UNDERCARRIAGE

Travel Speed .....Low 2.5- High 5.0 kmph  
 No. of upper rollers .....1x2  
 No. of lowers rollers .....5x2  
 No. of track shoes .....37x2  
 Shoe width .....450mm

## SERVICE REFILL CAPACITIES

Hydraulic tank .....42.0 ltr  
 Hydraulic system .....92.0 ltr  
 Fuel tank .....135.0 ltr  
 Engine coolant .....16.0 ltr  
 Engine oil .....10.0 ltr  
 Travel device (Each side) .....3.0 ltr

## WEIGHTS AND GROUND PRESSURE

| Machine                     | Operating weight | Ground pressure           |
|-----------------------------|------------------|---------------------------|
| Backhoe with Dozer Blade    | 7200 kg          | 0.34 kgf /cm <sup>2</sup> |
| Backhoe without Dozer Blade | 6700kg           | 0.32 kgf /cm <sup>2</sup> |

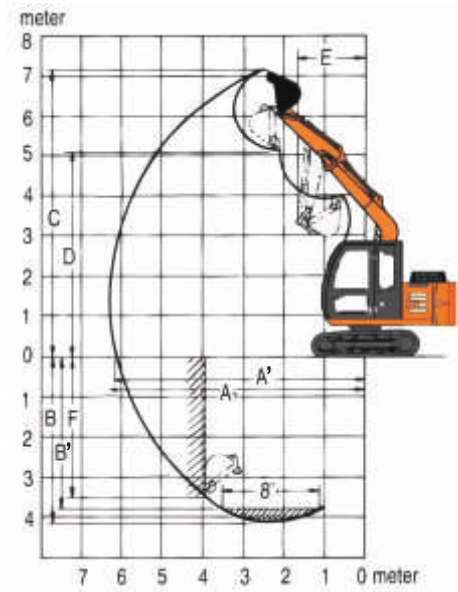
## DIGGING FORCES

Bucket digging force .....4800 kgf  
 Arm crowd force .....3700 kgf

## BUCKETS

| Capacity            | Width with side cutter | Width without side cutter | Weight | Tooth Points | Type |
|---------------------|------------------------|---------------------------|--------|--------------|------|
| 0.30 m <sup>3</sup> | 760 mm                 | 670 mm                    | 230 kg | 4            | HD   |

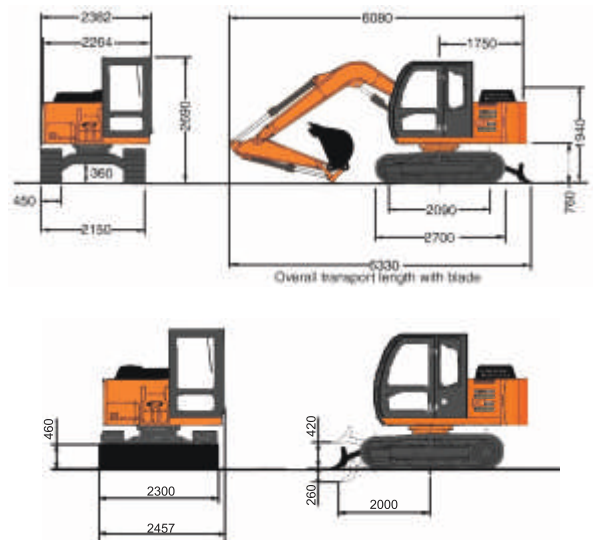
## WORKING RANGES



|    |                                |      |
|----|--------------------------------|------|
|    | Boom length                    | 3720 |
|    | Armlength                      | 1620 |
| A  | Max. digging reach             | 6310 |
| A' | Max. digging reach (on ground) | 6160 |
| B  | Max. digging depth             | 4150 |
| B' | Max. digging depth (8 level)   | 3800 |
| C  | Max. culting height            | 7150 |
| D  | Max. dumping height            | 5070 |
| E  | Min. swing radius              | 1700 |
| F  | Max. vertical wall depth       | 3500 |

All dimensions are in mm

## DIMENSIONS



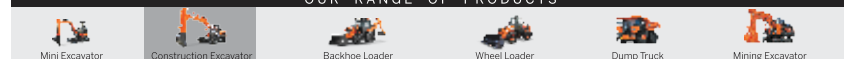
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Authorised Dealer

These specifications are subject to change without prior notice. The machine depicted may vary from the actual machine. Please contact our nearest office for latest specifications. Accessories shown here are not part of the standard equipment. Performance of the machine may vary with site and operating conditions encountered.